

# LUIGI MAIORANO

## Curriculum Vitae

Roma, 01/09/2015

### Part I – General Information

Full Name	Luigi Maiorano
Date of Birth	26 maggio 1974
Place of Birth	
Citizenship	Italian
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	Italian (native speaker), English (TOEFL 280/300), French (basic)

### Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1998	Università degli Studi di Roma "La Sapienza"	Degree in Natural Sciences (cum laude)
Post-degree studies	2000	University of Idaho (USA)	Post-degree specialization in Biological Sciences
Master	2001	Università degli Studi di Teramo	Master in Sustainable Development (II level)
Pre-doctorate training	2003	Department of Geography, University of Idaho (USA)	GIS Certificate
Pre-doctorate training	2005	Department of Statistics, University of Idaho (USA)	Certificate in Statistics
PhD	2007	University of Idaho (USA)	PhD in Natural Resources

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### Part III – Appointments

#### IIIA – Academic Appointments

Start	End	Institution	Position
01/2004	07/2004	Dept. Animal & Human Biology, Università di Roma "La Sapienza"	Senior Researcher. Project: Rete Ecologica Regionale del Lazio. Supervisor: prof. Luigi Boitani
01/2007	12/2008	Dept. Animal & Human Biology, Università di Roma "La Sapienza"	Senior Researcher. Project: Critical Interactions Between Species and their Implications for a PreCAUTIONary FiSheries Management in a variable Environment: a Modelling Approach (BECAUSE). Supervisors: Prof. G.D. Ardizzone, Dr. F. Colloca
01/2003	12/2004	Dept. Animal & Human Biology, Università di Roma "La Sapienza"	Assegnista di Ricerca (art. 51 comma 6 L. 449/97). Project: Ecological networks for the conservation of terrestrial vertebrates
01/2005	12/2006	Dept. Animal & Human Biology, Università di Roma "La Sapienza"	Assegnista di Ricerca (art. 51 comma 6 L. 449/97). Project: Ecological networks for the conservation of terrestrial vertebrates
01/2007	12/2008	Dept. Animal & Human Biology, Università di Roma "La Sapienza"	Assegnista di Ricerca (art. 51 comma 6 L. 449/97). Project: Ecological networks for the conservation of terrestrial vertebrates
01/2009	02/2011	Spatial Ecology Group, Dept. Ecology and Evolution, University of Lausanne (Switzerland)	Project: EcoChange: Biodiversity and ecosystem changes in Europe
03/2011	02/2012	Dept. Biologia e Biotecnologies "Charles Darwin", Università di Roma "La Sapienza"	Ricercatore a tempo determinato (art. 1 comma 14 L. 230/05)
03/2012	02/2014	Dept. Biologia e Biotecnologies "Charles Darwin", Università di Roma "La Sapienza"	Ricercatore a tempo determinato (art. 1 comma 14 L. 230/05)
05/2014	04/2015	Dept. Biologia e Biotecnologies "Charles Darwin", Università di Roma "La Sapienza"	Assegnista di Ricerca (art. 22 L. 240/2010)
05/2015	04/2016	Dept. Biologia e Biotecnologies "Charles Darwin", Università di Roma "La Sapienza"	Assegnista di Ricerca (art. 22 L. 240/2010)

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### IIIB – Other Appointments

Start	End	Institution	Position
10/1999	11/1999	Institute of Applied Ecology, Rome	GIS Consultant. Project: African Mammals Databank. Supervisor: Prof. Luigi Boitani
05/2004	01/2005	Institute of Applied Ecology (Rome) & WWF-Mediterranean Program	GIS & Remote sensing consultant. Project: The Green Belt Programme: remote sensing analysis of cedar forest deforestation in the middle Atlas, Morocco. Supervisor: Dr. Valeria Salvatori
05/2005	12/2005	Food & Agriculture Organization (FAO) of the United Nations (ONU)	GIS Consultant. Project: African Water Resource Database. Supervisor: Dr. J. Pepe Aguilar-Manjarrez

### Part IV – Teaching experience

#### IV A – Lectures

Year	Institution	Lecture/Course
2004	Università di Roma "La Sapienza"	GIS in Conservation Biology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks
2004	Institute of Marine Research, National Board of Fisheries, Lysekil, Sweden	Geostatistical analysis; 1 week course
2005	Università di Roma "La Sapienza"	GIS in Conservation Biology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks
2006	Università di Roma "La Sapienza"	GIS in Conservation Biology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks
2006	Vietnam Institute of Science, Hanoi, Vietnam	GIS applications in Conservation Biology; 1 week course
2007	Università di Roma "La Sapienza"	GIS in Conservation Biology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks
2008	Università di Roma "La Sapienza"	GIS in Conservation Biology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks
2009	University of Lausanne, Switzerland	1 <sup>st</sup> Ecochange International Summer School on "Predictive habitat distribution models: tools for building projections of global change impact on biodiversity".
2010	Università di Roma "La Sapienza"	Basic statistics in Ecology; Master (II level) in Conservation of Animal Biodiversity: protected areas and ecological networks

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2010	Swiss Federal Research Institute WSL, Birmensdorf, Switzerland	2 <sup>nd</sup> Ecochange International Summer School on "Predictive habitat suitability models for nature conservation, species management, and global change projections on biodiversity".
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IV B – Student Supervision. Degree: Laurea magistrale

Year	Institution	Student	Thesis title	Notes
2013	Università di Milano Bicocca (Sc. Biologiche)	Roberto Gavazzi	Effects of global changes on amphibian phenology: a meta-analysis	Co-supervised with Dr. G.F. Ficetola
03/2015	Università di Roma "La Sapienza" (Sc. Biologiche)	Matteo Falco	Spatially explicit modelling of rendez-vous sites for wolves in Italy: a multiscale approach	Co-supervised with Dr. P. Ciucci
03/2015	Università di Roma "La Sapienza" (Sc. Biologiche)	Luca Chiaverini	Structural connectivity for the Apennine brown bear ( <i>Ursus arctos marsicanus</i> ) in the central Apennines	Co-supervised with Dr. P. Ciucci
03/2015	Università di Roma "La Sapienza" (Sc. Biologiche)	Alice Pezzarossa	Nest site selection and potential distribution of the peregrine falcon in central Italy, Lazio.	Co-supervised with Prof. L. Boitani
03/2015	Università di Roma "La Sapienza" (Sc. Naturali)	Fabiana Sassù	Differentiation in the ecological niche for the complex of cryptic species in the genus <i>Tapinoma</i> Foerster, 1850 (Hymenoptera Formicidae)	Co-supervised with Prof. A. Fanfani

IV C – Student Supervision. Degree: PhD in Environmental and Evolutionary Biology (Curriculum: Animal Biology)

Year	Institution	Student	Thesis title	Notes
2012	Università di Roma "La Sapienza"	Alessandro Montemaggiore	Global change effects on migratory bird species in Europe	Theses will be discussed by mid 2016

Part V - Society memberships

American Association of Geographers (GIS specialty group, Remote Sensing specialty group, Spatial Analysis and Modelling specialty group)
Society for Conservation GIS
Society for Conservation Biology
International Biogeography Society
Italian Society for Climate Sciences
British Ecological Society
Ecological Society of America

*Luigi Mercuri*

**Part VI – National Scientific Qualification (Abilitazione Scientifica Nazionale)**

Sector: 05/C1, II Fascia Professor, valid from 31/01/2014 to 31/01/2020
Sector 05/B1, all 3 indexes above the medians for 1 Fascia Professor

**Part VII - Funding Information [grants as PI-principal investigator or I-investigator]**

Year	Title	Program	Grant value
2001-2007	National Ecological Network	Italian Ministry for the Environment	1,000,000 Euros (total estimate)
2005-on	Global Mammal Assessment	Conservation International, Texas A&M Univ., Arizona State Univ., Univ. Virginia, Università di Roma "La Sapienza", Zoological Society of London	1,800,000 Euros (total cost at 2012)
2006-2008	BioScore (n° FP6-022661)	6° Framework Program of the EU	1,576,153 Euros
2009-2012	EcoChange (n° FP6-036966)	6° Framework Program of the EU	7,000,000 Euros
2011-2012	Effects of global change on freshwater ecosystems in Europe (n° C26I11H2MT)	FARI-Sapienza Program	7,500 Euros
2012-on	HarmBio (ESSEM COST Action ES1101)	EU ESSEM COST program	700,000 Euros (initial estimate)
2013	Inferring the extinction risk of data deficient mammals (n° C26H1345LM)	Research AWARDS of the Università di Roma "La Sapienza"	55,000 Euros
2014-2017	Large scale planning to enhance large carnivore-human coexistence: wolves and bears in the human dominated landscape of Italy	International Wolf Center, USA	150,000 Euros
2015	Protected areas, habitat connectivity and conservation of large carnivore species over the Apennines (n° 0067282)	Università di Roma "La Sapienza" Research Grants	5,000 Euros

**Part VIII – Research Activities**

Keywords	Brief Description
Species distribution modelling	Starting for the concept of ecological niche, study the current and potential species distribution
Global change and biodiversity	Explore along the time dimension (forward and backward) the various effects of global changes on biodiversity, considering also genetic diversity

*Luigi Massimo*

Biogeography	Explore patterns and processes of species distribution
Macroecology	Explore patterns and processes of life and its attributes (e.g. species, range size, abundances, species traits,...) at large regional and/or global scale, with a particular focus on terrestrial vertebrates
Conservation Biology	Use macroecology, biogeography, and spatial ecology in a more applied context to explore the opportunities and costs of conserving biodiversity at local and/or regional level, with a particular focus on terrestrial vertebrates

My research is strongly related to the key aspects of the official description (declaratoria) provided by MIUR for the field 05/B1: zoologia e antropologia. In fact the official description for Zoologia states that it includes "lo studio dei protozoa, dei metazoi, della loro **evoluzione e biodiversità**, ai vari livelli di organizzazione cellulare, organismica, **di popolazione, specie e comunità**. Le ricerche ... indagano sulla organizzazione morfo-funzionale ... **interazioni intra- ed interspecifiche e con l'ambiente, biogeografia, sistematica e filogenesi degli animali** ... **Presenta rilevanza applicative nel campo della valutazione, conservazione e gestione della biodiversità animale in natura; della caratterizzazione delle popolazioni in rapporto ad interventi di introduzione, ripopolamento e alla valutazione del loro impatto ambientale...**"

#### Part IX – Education and research activities abroad

Type of activity	Institution	Start	End
Post-degree specialization	University of Idaho, USA	01/2000	12/2000
PhD Student	University of Idaho, USA	01/2002	08/2007
PostDoc Researcher	University of Lausanne, Switzerland	01/2009	02/2011

#### Part X – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	56	ISI Web of Science	2006	2015
Books [scientific]	4	Google Scholar	2003	2006
Presentations [international]	24 (4 as presenting author)	NOT APPLICABLE	2002	2014
Invited presentations [international]	8 (4 as presenting author)	NOT APPLICABLE	2004	2012
Presentations [national]	5 (4 as presenting author)	NOT APPLICABLE	2002	2014
Invited presentations [national]	1 (1 as presenting author)	NOT APPLICABLE	2013	2013
Posters [international]	9 (2 as first author)	NOT APPLICABLE	2004	2011
Posters [national]	2	NOT APPLICABLE	2004	2004

*Luigi Minerva*

Indexes calculated from ISI Web of Science updated at 05/08/2015

Total # of paper	56
# papers in the last 5 years	39
Papers published in the last 8 years	54
Paper published in Q1 journals	43
Papers published as 1 <sup>st</sup> /2 <sup>nd</sup> /last/ corresponding author	23 (50% of all)
Total impact factor	258.26
Total 5-year IF	301.89
Total impact factor (last 5 years only)	196.0
Total citations	1288
Total citations without self- citations	1148
Average citations per Product	23.42
Citing articles	1038
Citing articles without self- citations	991
Hirsch (H) index	21
Normalized H index*	2.1

\*H index divided by years from the oldest article presented for evaluation.

**Part XI – Peer Review Activities**

XI A – Peer review for ISI – Web of Science journals

Animal Conservation
Aquatic Conservation: Marine and Freshwater Ecosystems
Biological Conservation
Biology Letters
Climate Dynamics
Conservation Biology
Diversity and Distribution
Ecography
Ecological Indicators
Ecological Modelling
Ecology Letters
Endangered Species Research
Environmental Conservation
Environmental Management
Folia Zoologica
Frontiers in Ecology and the Environment
Global Change Biology Bioenergy
Global Ecology and Biogeography
ICES Journal of Marine Science

*Luigi Muscarella*

Italian Journal of Zoology
Journal of Applied Ecology
Journal of Biogeography
Journal of Conservation Planning
Journal of Environmental Management
Journal of Environmental Planning and Management
Journal of Herpetology
Journal of Wildlife Management
Journal for Nature Conservation
Mammalia; Methods in Ecology and Evolution
Oikos
Plant Ecology and Diversity
PLoS ONE
Proceedings of the Royal Society of London Series B
Wildlife Research

#### XI B – Member of the Editorial Board

Journal of Conservation Planning
Biogeographia; The Journal of Integrative Biogeography
Fragmenta Entomologica

#### XI C – Project peer-review

French Foundation for Research on Biodiversity (FRB). Call for proposal: “Biodiversity modeling and scenarios”, March 2011.
ExpeER (Experimentation in Ecosystem Research). Call for proposal for transnational access funding under the ExpeER project, December 2012.

#### Part XII – Selected Publications

List of the 30 publications selected for the evaluation (at least 10 in the last 3 years).

1. **Maiorano L.**, A. Falcucci and L. Boitani. 2006. Gap analysis of terrestrial vertebrates in Italy: priorities for conservation planning in a human dominated landscape. *Biological Conservation* 133:455-473. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 78; Average citations per year (ISI – Web of Science at 05/08/2015): 7.8; **FIRST AUTHOR.**
2. **Maiorano L.**, A. Falcucci, E.O. Garton and L. Boitani. 2007. Contribution of the Natura2000 network to biodiversity conservation in Italy. *Conservation Biology* 21: 1433-1444. IF = 4.165; 5 year IF = 5.199; journal rankings: 5/43 in Biodiversity Conservation (Q1); 22/144 in Ecology (Q1); 16/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 86; Average citations per year (ISI – Web of Science at 05/08/2015): 9.56; **FIRST AUTHOR.**
3. Falcucci A., **L. Maiorano**, E.O. Garton, P. Ciucci and L. Boitani. 2008. Land-cover change and the future of the Apennine brown bear: a perspective from the past. *Journal of Mammalogy* 89: 1502-1511. IF = 1.840; 5 year IF = 2.247; journal rankings; 38/153 in Zoology (Q3); N° citations (ISI – Web of Science at 05/08/2015): 11; Average citations per year (ISI – Web of Science at 05/08/2015): 1.38; **SECOND AUTHOR.**

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4. Catullo G., M. Masi, A. Falcucci, **L. Maiorano**, C. Rondinini and L. Boitani. 2008. A gap analysis of Southeast Asian mammals based on habitat suitability models. *Biological Conservation* 141: 2730-2744. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 37; Average citations per year (ISI – Web of Science at 05/08/2015): 4.62; **CORRESPONDING AUTHOR**.
5. Puddu G., **L. Maiorano**, A. Falcucci, F. Corsi and L. Boitani. 2009. Spatial-explicit assessment of current and future conservation options for the endangered Corsican red deer (*Cervus elaphus corsicanus*) in Sardinia. *Biodiversity and Conservation* 18: 2001-2016. IF = 2.365; 5 year IF = 2.676; journal rankings: 14/43 in Biodiversity Conservation (Q2), 59/144 in Ecology (Q2), 80/221 in Environmental Sciences (Q2); N° citations (ISI – Web of Science at 05/08/2015): 11; Average citations per year (ISI – Web of Science at 05/08/2015): 1.57; **SECOND AUTHOR**.
6. Colloca F., V. Bartolino, G. Jona Lasinio, **L. Maiorano**, P. Sartor and G.D. Ardizzone. 2009. Identifying fish nurseries using density and persistence measures. *Marine Ecology Progress Series* 381: 287-296. IF = 2.619; 5 year IF = 3.102; journal rankings: 52/144 in Ecology (Q2), 17/102 in Marine and Freshwater Biology (Q1), 11/61 in Oceanography (Q1); N° citations (ISI – Web of Science at 05/08/2015): 21; Average citations per year (ISI – Web of Science at 05/08/2015): 3.0.
7. Ciucci P., W. Reggioni, **L. Maiorano** and L. Boitani. 2009. Long distance dispersal of a rescued wolf from the northern Apennines to the western Alps. *Journal of Wildlife Management* 73: 1300-1306. IF = 1.726; 5 year IF = 2.035; journal rankings: 76/144 in Ecology (Q3); 41/153 in Zoology (Q2); N° citations (ISI – Web of Science at 05/08/2015): 22; Average citations per year (ISI – Web of Science at 05/08/2015): 3.14.
8. Cardinale M., M. Linder, V. Bartolino, **L. Maiorano** and M. Casini. 2009. Conservation value of historical data: reconstructing stock dynamic of turbot (*Psetta maxima*) during the last century in the Eastern North Sea. *Marine Ecology Progress Series* 386: 197-206. IF = 2.619; 5 year IF = 3.102; journal rankings: 52/144 in Ecology (Q2), 17/102 in Marine and Freshwater Biology (Q1), 11/61 in Oceanography (Q1); N° citations (ISI – Web of Science at 19/02/2015): 16; Average citations per year (ISI – Web of Science at 05/08/2015): 2.29.
9. Falcucci A., P. Ciucci, **L. Maiorano**, L. Gentile and L. Boitani. 2009. Assessing habitat quality for conservation using an integrated occurrence-mortality approach. *Journal of Applied Ecology* 46: 600-609. IF = 4.564; 5 year IF = 5.929; journal rankings: 20/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 33; Average citations per year (ISI – Web of Science at 05/08/2015): 4.71.
10. Ficetola G.F., **L. Maiorano**, A. Falcucci, N. Dendoncker, L. Boitani, E. Padoa-Schioppa, C. Miaud and W. Thuiller. 2010. Knowing the past to predict the future: land-use change and the spread of invasive bullfrogs. *Global Change Biology* 16: 528-537. IF = 8.044; 5 year IF = 8.708; journal rankings: 1/43 in Biodiversity Conservation (Q1), 5/144 in Ecology (Q1), 3/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 42; Average citations per year (ISI – Web of Science at 05/08/2015): 7.0; **SECOND AUTHOR**.
11. **Maiorano L.**, Falcucci A., Zimmermann N.E., Psomas A., Pottier J., Baisero D., Rondinini C., Guisan A. and L. Boitani. 2011. The future of terrestrial mammals in the Mediterranean basin under climate change. *Philosophical Transactions of the Royal Society Series B* 366: 2681-2692. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 29; Average citations per year (ISI – Web of Science at 05/08/2015): 5.8; **FIRST AUTHOR**.
12. Boitani L., **L. Maiorano**, D. Baisero, A. Falcucci, P. Visconti and C. Rondinini. 2011. What spatial data do we need to develop global mammal conservation strategies? *Philosophical Transactions of the Royal Society Series B* 366: 2623-2632. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 19; Average citations per year (ISI – Web of Science at 05/08/2015): 3.8; **SECOND AUTHOR**.
13. Cardinale M., Bartolino V., Llope M., **Maiorano L.**, Sköld M. and J. Hagberg. 2011. Historical spatial baselines in conservation and management of marine resources. *Fish and Fisheries* 12: 289-298. IF = 8.258; 5 year IF = 8.083; journal rankings: 1/52 in Fisheries (Q1); N° citations (ISI – Web of Science at 05/08/2015): 19; Average citations per year (ISI – Web of Science at 05/08/2015): 3.8.
14. Cianfrani C., G. Le Lay, **L. Maiorano**, H.F. Satizabal, A. Loy and A. Guisan. 2011. Adapting global conservation strategies to climate change at the European scale: the otter as a flagship species.

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- Biological Conservation 144: 2068-2080. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 18; Average citations per year (ISI – Web of Science at 05/08/2015): 3.6.
15. Rodríguez-Soto C., O. Monroy-Vilchis, **L. Maiorano**, L. Boitani, J.C. Faller, M. Briones, R. Núñez, O. Rosas-Rosas, G. Ceballos and A. Falcucci. 2011. Predicting potential distribution of the jaguar (*Panthera onca*) in Mexico: identification of priority areas for conservation. *Diversity and Distributions* 17: 350-361. IF = 3.667; 5 year IF = 5.355; journal rankings: 7/43 in Biodiversity Conservation (Q1), 32/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 28; Average citations per year (ISI – Web of Science at 05/08/2015): 5.6.
  16. Pellissier L., J.N. Pradervand, J. Pottier, A. Dubuis, **L. Maiorano** and A. Guisan. 2012. Climate-based empirical models show biased predictions of butterfly communities along environmental gradients. *Ecography* 35: 684-692. IF = 4.774; 5 year IF = 5.565; journal rankings: 4/43 in Biodiversity Conservation (Q1), 16/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 9; Average citations per year (ISI – Web of Science at 05/08/2015): 2.25.
  17. Civantos E., W. Thuiller, **L. Maiorano**, A. Guisan and M.B. Araujo. 2012. Potential impacts of climate change on ecosystem services in Europe: the case of pest control by vertebrates. *BioScience* 62: 658-666. IF = 5.377; 5 year IF = 6.326; journal rankings: 7/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 6; Average citations per year (ISI – Web of Science at 05/08/2015): 1.5.
  18. Di Febbraro M., P. Lurz, P. Genovesi, **L. Maiorano**, M. Girardello and S. Bertolino. 2013. The use of climatic niches in screening procedures for introduced species risk assessments: a case with the American Eastern grey squirrel. *PLoS ONE* 8(7): e66559. IF = 3.234; 5 year IF = 3.702; journal rankings: 8/56 in Multidisciplinary Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 5; Average citations per year (ISI – Web of Science at 05/08/2015): 1.67.
  19. Falcucci A.<sup>§</sup>, **L. Maiorano**<sup>§</sup>, G. Tempio, L. Boitani and P. Ciucci. 2013. Modeling the potential distribution for a range-expanding species: wolf recolonization of the Alpine range. *Biological Conservation* 158: 63-72. <sup>§</sup>Equal contribution between the two authors. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 6; Average citations per year (ISI – Web of Science at 05/08/2015): 2.0; **FIRST AUTHOR**.
  20. Pellissier L., H. Meltøfte, J. Hansen, N.M. Schmidt, M.P. Tamstorf, **L. Maiorano**, P. Aastrup, J. Olsen, A. Guisan, M.S. Wisz. 2013. Suitability, success and sinks: how do predictions of nesting distributions relate to fitness parameters in high arctic waders? *Diversity & Distributions* 19: 1496-1505. IF = 3.667; 5 year IF = 5.355; journal rankings: 7/43 in Biodiversity Conservation (Q1), 32/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 1; Average citations per year (ISI – Web of Science at 05/08/2015): 0.33.
  21. Cianfrani C., **L. Maiorano**, A. Loy, A. Kranz, A. Lehmann, R. Maggini and A. Guisan. 2013. There and back again? Combining habitat suitability modeling and connectivity analyses to assess a potential return of the otter back to Switzerland. *Animal Conservation* 16: 584-594. IF = 2.852; 5 year IF = 3.206; journal rankings: 8/43 in Biodiversity Conservation (Q1), 44/144 in Ecology (Q2); N° citations (ISI – Web of Science at 05/08/2015): 4; Average citations per year (ISI – Web of Science at 05/08/2015): 1.33; **SECOND AUTHOR**.
  22. **Maiorano L.**, G. Amori, M. Capula, A. Falcucci, M. Masi, A. Montemaggiori, J. Pottier, A. Psomas, C. Rondinini, D. Russo, N.E. Zimmermann, L. Boitani and A. Guisan. 2013. Threats from climate change to terrestrial vertebrates hotspots in Europe. *PLoS ONE* 8(9): e74989. IF = 3.234; 5 year IF = 3.702; journal rankings: 8/56 in Multidisciplinary Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 8; Average citations per year (ISI – Web of Science at 05/08/2015): 2.67, **FIRST AUTHOR**.
  23. de Bruyn M., B. Stelbrink, R. Morley, R. Hall, G.R. Carvalho, C. Cannon, G. van den Bergh, E. Meijaard, I. Metcalfe, L. Boitani, **L. Maiorano**, R. Shoup and T. von Rintelen. 2014. Borneo and Indochina are major evolutionary hotspots for Southeast Asian biodiversity. *Systematic Biology* 63: 879-901. IF = 14.387; 5 year IF = 14.787; journal rankings: 2/46 in Evolutionary Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 6; Average citations per year (ISI – Web of Science at 05/08/2015): 3.0.

24. Zupan L., M. Cabeza, **L. Maiorano**, C. Roquet, V. Devictor, S. Lavergne, D. Mouillot, N. Mouquet, J. Renaud and W. Thuiller. 2014. Spatial mismatch of phylogenetic diversity across three vertebrate groups and protected areas in Europe. *Diversity & Distributions* 20: 674-685. IF = 3.667; 5 year IF = 5.355; journal rankings: 7/43 in Biodiversity Conservation (Q1), 32/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 7; Average citations per year (ISI – Web of Science at 05/08/2015): 3.5.
25. Santini L., L. Boitani, M. Di Marco, **L. Maiorano** and C. Rondinini. 2014. Incorporating spatial population structure in GAP analysis reveals inequitable assessment of species protection. *Diversity & Distributions* 20: 698-707. IF = 3.667; 5 year IF = 5.355; journal rankings: 7/43 in Biodiversity Conservation (Q1), 32/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 3; Average citations per year (ISI – Web of Science at 05/08/2015): 1.5.
26. **Maiorano L.**, L. Boitani, A. Monaco, E. Tosoni, P. Ciucci. 2015. Modeling the distribution of Apennine brown bears during hyperphagy to reduce the impact of wild boar hunting. *European Journal of Wildlife Management* 61: 241-253. IF = 1.634; 5 year IF = 1.570; journal rankings: 81/144 in Ecology (Q3), 46/153 in Zoology (Q2); N° citations (ISI – Web of Science at 05/08/2015): 0; Average citations per year (ISI – Web of Science at 05/08/2015): 0.0; **FIRST AUTHOR.**
27. **Maiorano L.**, Amori G., Montemaggiore A., Rondinini C., Santini L., Saura S., Boitani L. 2015. How much biodiversity is covered in Europe by national protected areas and by the Natura 2000 network? *Conservation Biology* 29: 986-995. IF = 4.165; 5 year IF = 5.199; journal rankings: 5/43 in Biodiversity Conservation (Q1); 22/144 in Ecology (Q1); 16/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 2; Average citations per year (ISI – Web of Science at 05/08/2015): 2.0; **FIRST AUTHOR.**
28. Trizzino M, F. Bisi, **L. Maiorano**, A. Martinoli, M. Petitta, D.G. Preatoni, P. Audisio. 2015. Mapping biodiversity hotspots and conservation priorities for the Euro-Mediterranean headwater ecosystems, as inferred from diversity and distribution of a water beetle lineage. *Biodiversity & Conservation* 24:149-170. IF = 2.365; 5 year IF = 2.676; journal rankings: 14/43 in Biodiversity Conservation (Q2), 59/144 in Ecology (Q2), 80/221 in Environmental Sciences (Q2); N° citations (ISI – Web of Science at 05/08/2015): 0; Average citations per year (ISI – Web of Science at 05/08/2015): 0.0.
29. Thuiller W., **Maiorano L.**, Mazel F., Guilhaumon F., Ficetola G.F., Lavergne S., Renaud J., Roquet C., Zupan L. and D. Mouillot. 2015. Conserving the functional and phylogenetic trees of life of European tetrapods. *Philosophical Transactions of the Royal Society Series B* 370: 20140005. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 1; Average citations per year (ISI – Web of Science at 05/08/2015): 1; **SECOND AUTHOR.**
30. Visconti P., Baisero D., Bakkenes M., Brooks T., Butchart S.H.M., Joppa L.N., Alkemade R., Di Marco M., Santini L., Hoffmann M., **Maiorano L.**, Pressey R.L., Arponen A., Boitani L., Reside A., van Vuuren D.P. and Rondinini C. 2015. Projecting global biodiversity indicators under future development scenarios. *Conservation Letters*, doi: 10.1111/conl.12159. IF = 7.241; 5 year IF = 6.416; journal rankings: 3/43 in Biodiversity Conservation (Q1); N° citations (ISI – Web of Science at 05/08/2015): 0; Average citations per year (ISI – Web of Science at 05/08/2015): 0.0.

### Part XIII – Complete list of publications

#### XIII A – ISI Web of Science

1. **Maiorano L.**, A. Falcucci and L. Boitani. 2006. Gap analysis of terrestrial vertebrates in Italy: priorities for conservation planning in a human dominated landscape. *Biological Conservation* 133:455-473. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 78; Average citations per year (ISI – Web of Science at 05/08/2015): 7.8; **FIRST AUTHOR.**

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2. Ardizzone G.D., A. Belluscio and **L. Maiorano**. 2006. Long-term change in the structure of *Posidonia oceanica* landscape and its reference for a monitoring plan. *Marine Ecology – An Evolutionary Perspective* 27:299-309. IF = 1.076; 5 year IF = 2.042; journal rankings: 67/102 in *Marine and Freshwater Biology* (Q3); N° citations (ISI – Web of Science at 05/08/2015): 23; Average citations per year (ISI – Web of Science at 05/08/2015): 2.3; **LAST AUTHOR**.
3. Falcucci A., **L. Maiorano** and L. Boitani. 2007. Changes in land-use/land-cover patterns in Italy and their implications for biodiversity conservation. *Landscape Ecology* 22: 617-631. IF = 3.5; 5 year IF = 3.861; journal rankings: 34/144 in *Ecology* (Q1), 5/46 in *Physical Geography* (Q1), 17/175 in *Geosciences* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 170; Average citations per year (ISI – Web of Science at 05/08/2015): 18.89; **SECOND AUTHOR**.
4. **Maiorano L.**, A. Falcucci, E.O. Garton and L. Boitani. 2007. Contribution of the Natura2000 network to biodiversity conservation in Italy. *Conservation Biology* 21: 1433-1444. IF = 4.165; 5 year IF = 5.199; journal rankings: 5/43 in *Biodiversity Conservation* (Q1); 22/144 in *Ecology* (Q1); 16/221 in *Environmental Sciences* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 86; Average citations per year (ISI – Web of Science at 05/08/2015): 9.56; **FIRST AUTHOR**.
5. Boitani L., A. Falcucci, **L. Maiorano** and C. Rondinini. 2007. Ecological networks as conceptual frameworks or operational tools in conservation. *Conservation Biology* 21: 1414-1422. IF = 4.165; 5 year IF = 5.199; journal rankings: 5/43 in *Biodiversity Conservation* (Q1); 22/144 in *Ecology* (Q1); 16/221 in *Environmental Sciences* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 57; Average citations per year (ISI – Web of Science at 05/08/2015): 6.33. Paper selected for the 2010 *Conservation Biology International Year of Biodiversity Virtual Issue on Connectivity and Corridors*; <http://www.wiley.com/bw/vi.asp?ref=0888-8892&site=1>.
6. **Maiorano L.**, A. Falcucci and L. Boitani. 2008. Size dependent resistance of protected areas to land-use change. *Proceedings of the Royal Society of London Series B* 275: 1297-1304. IF = 5.051; 5 year IF = 5.648; journal rankings: 8/85 in *Biology* (Q1), 14/144 in *Ecology* (Q1), 7/46 in *Evolutionary Biology* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 44; Average citations per year (ISI – Web of Science at 05/08/2015): 5.5; **FIRST AUTHOR**.
7. Falcucci A., **L. Maiorano**, E.O. Garton, P. Ciucci and L. Boitani. 2008. Land-cover change and the future of the Apennine brown bear: a perspective from the past. *Journal of Mammalogy* 89: 1502-1511. IF = 1.840; 5 year IF = 2.247; journal rankings: 38/153 in *Zoology* (Q3); N° citations (ISI – Web of Science at 05/08/2015): 11; Average citations per year (ISI – Web of Science at 05/08/2015): 1.38; **SECOND AUTHOR**.
8. Catullo G., M. Masi, A. Falcucci, **L. Maiorano**, C. Rondinini and L. Boitani. 2008. A gap analysis of Southeast Asian mammals based on habitat suitability models. *Biological Conservation* 141: 2730-2744. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in *Biodiversity Conservation* (Q1); 29/144 in *Ecology* (Q1); 26/221 in *Environmental Sciences* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 37; Average citations per year (ISI – Web of Science at 05/08/2015): 4.62; **CORRESPONDING AUTHOR**.
9. **Maiorano L.**, Bartolino V., Colloca F., Abella A., Belluscio A., Carpentieri P., Criscoli A., Jona Lasinio G., Mannini A., Pranovi F., Reale B., Relini G., Viva C. and G.D. Ardizzone. 2009. Systematic conservation planning in the Mediterranean: a flexible tool for the identification of no-take marine protected areas. *ICES Journal of Marine Science* 66: 137-146. IF = 2.377; 5 year IF = 2.576; journal rankings: 6/52 in *Fisheries* (Q1), 23/102 in *Marine and Freshwater Biology* (Q1), 16/61 in *Oceanography* (Q2); N° citations (ISI – Web of Science at 05/08/2015): 18; Average citations per year (ISI – Web of Science at 05/08/2015): 2.57; **FIRST AUTHOR**.
10. Eggers J., K. Tröltzsch, A. Falcucci, **L. Maiorano**, P. Verburg, E. Framstad, G. Louette, D. Maes, S. Nagy, W. Ozinga and B. Delvaere. 2009. Is biofuel policy harming biodiversity in Europe? *Global Change Biology Bioenergy* 1: 18-34. IF = 4.882; 5 year IF = 5.473; journal rankings: 1/81 in *Agronomy* (Q1), 11/88 in *Energy & Fuels* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 44; Average citations per year (ISI – Web of Science at 05/08/2015): 6.29.
11. Falcucci A., P. Ciucci, **L. Maiorano**, L. Gentile and L. Boitani. 2009. Assessing habitat quality for conservation using an integrated occurrence-mortality approach. *Journal of Applied Ecology* 46: 600-609. IF = 4.564; 5 year IF = 5.929; journal rankings: 20/144 in *Ecology* (Q1); N° citations (ISI – Web of Science at 05/08/2015): 33; Average citations per year (ISI – Web of Science at 05/08/2015): 4.71.

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12. Puddu G., **L. Maiorano**, A. Falcucci, F. Corsi and L. Boitani. 2009. Spatial-explicit assessment of current and future conservation options for the endangered Corsican red deer (*Cervus elaphus corsicanus*) in Sardinia. *Biodiversity and Conservation* 18: 2001-2016. IF = 2.365; 5 year IF = 2.676; journal rankings: 14/43 in Biodiversity Conservation (Q2), 59/144 in Ecology (Q2), 80/221 in Environmental Sciences (Q2); N° citations (ISI – Web of Science at 05/08/2015): 11; Average citations per year (ISI – Web of Science at 05/08/2015): 1.57; **SECOND AUTHOR**.
13. Colloca F., V. Bartolino, G. Jona Lasinio, **L. Maiorano**, P. Sartor and G.D. Ardizzone. 2009. Identifying fish nurseries using density and persistence measures. *Marine Ecology Progress Series* 381: 287-296. IF = 2.619; 5 year IF = 3.102; journal rankings: 52/144 in Ecology (Q2), 17/102 in Marine and Freshwater Biology (Q1), 11/61 in Oceanography (Q1); N° citations (ISI – Web of Science at 05/08/2015): 21; Average citations per year (ISI – Web of Science at 05/08/2015): 3.0.
14. Ciucci P., W. Reggioni, **L. Maiorano** and L. Boitani. 2009. Long distance dispersal of a rescued wolf from the northern Apennines to the western Alps. *Journal of Wildlife Management* 73: 1300-1306. IF = 1.726; 5 year IF = 2.035; journal rankings: 76/144 in Ecology (Q3); 41/153 in Zoology (Q2); N° citations (ISI – Web of Science at 05/08/2015): 22; Average citations per year (ISI – Web of Science at 05/08/2015): 3.14.
15. Cardinale M., M. Linder, V. Bartolino, **L. Maiorano** and M. Casini. 2009. Conservation value of historical data: reconstructing stock dynamic of turbot (*Psetta maxima*) during the last century in the Eastern North Sea. *Marine Ecology Progress Series* 386: 197-206. IF = 2.619; 5 year IF = 3.102; journal rankings: 52/144 in Ecology (Q2), 17/102 in Marine and Freshwater Biology (Q1), 11/61 in Oceanography (Q1); N° citations (ISI – Web of Science at 19/02/2015): 16; Average citations per year (ISI – Web of Science at 05/08/2015): 2.29.
16. Ficetola G.F., **L. Maiorano**, A. Falcucci, N. Dendoncker, L. Boitani, E. Padoa-Schioppa, C. Miaud and W. Thuiller. 2010. Knowing the past to predict the future: land-use change and the spread of invasive bullfrogs. *Global Change Biology* 16: 528-537. IF = 8.044; 5 year IF = 8.708; journal rankings: 1/43 in Biodiversity Conservation (Q1), 5/144 in Ecology (Q1), 3/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 42; Average citations per year (ISI – Web of Science at 05/08/2015): 7.0; **SECOND AUTHOR**.
17. Louette G., D. Maes, J.R.M. Alkemade, L. Boitani, B. de Knegt, J. Eggers, A. Falcucci, E. Framstad, W. Hagemeijer, S.M. Hennekens, **L. Maiorano**, S. Nagy, A. Nieto Serradilla, W.A. Ozinga, J.H.J. Schaminée, V. Tsiaousi, S. van Tol and B. Delbaere. 2010. BioScore: cost-effective assessment of policy impact on biodiversity using species sensitivity scores. *Journal for Nature Conservation* 18: 142-148. IF = 1.646; 5 year IF = 1.831; journal rankings: 19/43 in Biodiversity Conservation (Q2), 79/144 in Ecology (Q3); N° citations (ISI – Web of Science at 05/08/2015): 11; Average citations per year (ISI – Web of Science at 05/08/2015): 1.83.
18. Wilson K.A., E. Meijaard, S. Drummond, H.S. Grantham, L. Boitani, G. Catullo, L. Christie, R. Dennis, I. Dutton, A. Falcucci, **L. Maiorano**, H.P. Possingham, C. Rondinini, W.R. Turner, O. Venter and M. Watts. 2010. Conserving biodiversity in production landscapes. *Ecological Applications* 20: 1721-1732. IF = 4.093; 5 year IF = 5.508; journal rankings: 23/144 in Ecology (Q1), 19/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 23; Average citations per year (ISI – Web of Science at 05/08/2015): 3.83. REVIEWED IN FACULTY OF 1000, 15 Nov 2010; F1000.com/6100956.
19. Rodríguez-Soto C., O. Monroy-Vilchis, **L. Maiorano**, L. Boitani, J.C. Faller, M. Briones, R. Núñez, O. Rosas-Rosas, G. Ceballos and A. Falcucci. 2011. Predicting potential distribution of the jaguar (*Panthera onca*) in Mexico: identification of priority areas for conservation. *Diversity and Distributions* 17: 350-361. IF = 3.667; 5 year IF = 5.355; journal rankings: 7/43 in Biodiversity Conservation (Q1), 32/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 28; Average citations per year (ISI – Web of Science at 05/08/2015): 5.6.
20. Bartolino V., **L. Maiorano** and F. Colloca. 2011. A frequency distribution approach to hotspots identification. *Population Ecology* 53: 351-359. IF = 1.570; 5 year IF = 1.939; journal rankings: 87/144 in Ecology (Q3); N° citations (ISI – Web of Science at 05/08/2015): 10; Average citations per year (ISI – Web of Science at 05/08/2015): 2; **SECOND AUTHOR**.
21. Cianfrani C., G. Le Lay, **L. Maiorano**, H.F. Satizabal, A. Loy and A. Guisan. 2011. Adapting global conservation strategies to climate change at the European scale: the otter as a flagship species. *Biological Conservation* 144: 2068-2080. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1);

- N° citations (ISI – Web of Science at 05/08/2015): 18; Average citations per year (ISI – Web of Science at 05/08/2015): 3.6.
22. Cardinale M., Bartolino V., Llope M., **Maiorano L.**, Sköld M. and J. Hagberg. 2011. Historical spatial baselines in conservation and management of marine resources. *Fish and Fisheries* 12: 289-298. IF = 8.258; 5 year IF = 8.083; journal rankings: 1/52 in Fisheries (Q1); N° citations (ISI – Web of Science at 05/08/2015): 19; Average citations per year (ISI – Web of Science at 05/08/2015): 3.8.
  23. Bartolino V., **L. Maiorano** and F. Colloca. 2011. Frequency distribution curves and identification of hotspots: response to comments. *Population Ecology* 53: 603-604. IF = 1.570; 5 year IF = 1.939; journal rankings: 87/144 in Ecology (Q3); N° citations (ISI – Web of Science at 05/08/2015): 0; Average citations per year (ISI – Web of Science at 05/08/2015): 0.0; **SECOND AUTHOR.**
  24. Boitani L., **L. Maiorano**, D. Baisero, A. Falcucci, P. Visconti and C. Rondinini. 2011. What spatial data do we need to develop global mammal conservation strategies? *Philosophical Transactions of the Royal Society Series B* 366: 2623-2632. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 19; Average citations per year (ISI – Web of Science at 05/08/2015): 3.8; **SECOND AUTHOR.**
  25. Rondinini C., Di Marco M., Chiozza F., Santulli G., Baisero D., Visconti P., Hoffman M., Schipper J., Stuart S., Tognelli M.F., Amori G., Falcucci A., **Maiorano L.** and L. Boitani. 2011. Global habitat suitability models of terrestrial mammals. *Philosophical Transactions of the Royal Society Series B* 366: 2633-2641. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 53; Average citations per year (ISI – Web of Science at 05/08/2015): 10.6.
  26. **Maiorano L.**, Falcucci A., Zimmermann N.E., Psomas A., Pottier J., Baisero D., Rondinini C., Guisan A. and L. Boitani. 2011. The future of terrestrial mammals in the Mediterranean basin under climate change. *Philosophical Transactions of the Royal Society Series B* 366: 2681-2692. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 29; Average citations per year (ISI – Web of Science at 05/08/2015): 5.8; **FIRST AUTHOR.**
  27. Visconti P., R.L. Pressey, D. Giorgini, **L. Maiorano**, M. Bakkenes, L. Boitani, R. Alkemade, A. Falcucci, F. Chiozza and C. Rondinini. 2011. Future hotspots of terrestrial mammal loss. *Philosophical Transactions of the Royal Society Series B* 366: 2693-2702. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 28; Average citations per year (ISI – Web of Science at 05/08/2015): 5.6.
  28. Rondinini C., L. Boitani, A.S.L. Rodrigues, T.M. Brooks, R.L. Pressey, P. Visconti, J.E.M. Baillie, D. Baisero, M. Cabeza, K.R. Crooks, M. Di Marco, K.H. Redford, S.A. Andelman, M. Hoffmann, **L. Maiorano**, S.N. Stuart and K.A. Wilson. 2011. Reconciling global mammal prioritization schemes into a strategy. *Philosophical Transactions of the Royal Society Series B* 366: 2722-2728. IF = 7.055; 5 year IF = 7.885; journal rankings: 6/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 9; Average citations per year (ISI – Web of Science at 05/08/2015): 1.8.
  29. López-López P., **L. Maiorano**, A. Falcucci, L. Boitani and E. Barba. 2011. Hotspots of species richness, threat and endemism for terrestrial vertebrates in SW Europe. *Acta Oecologica* 37: 399-412. IF = 1.617; 5 year IF = 1.915; journal rankings: 82/144 in Ecology (Q3); N° citations (ISI – Web of Science at 05/08/2015): 1; Average citations per year (ISI – Web of Science at 05/08/2015): 0.2; **SECOND AUTHOR.**
  30. Wintle B.A., S.A. Bekessy, D.A. Keith, B.W. van Wilgen, M. Cabeza, B. Schröder, S.B. Carvalho, A. Falcucci, **L. Maiorano**, T.J. Regan, C. Rondinini, L. Boitani and H.P. Possingham. 2011. Ecological-economic optimization of biodiversity conservation under climate change. *Nature Climate Change* 1: 355-359. IF = 14.547; 5 year IF = 15.462; journal rankings: 2/221 in Environmental Science (Q1), 1/77 in Meteorology & Atmospheric Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 35; Average citations per year (ISI – Web of Science at 05/08/2015): 7.0.
  31. Cardinale M., H. Svendäng, V. Bartolino, **L. Maiorano**, M. Casini and H. Linderholm. 2012. Spatial and temporal depletion of haddock and pollack during the last century in the Kattegat-Skagerrak. *Journal of Applied Ichthyology* 28: 200-208. IF = 0.867; 5 year IF = 1.077; journal rankings: 37/52 in Fisheries (Q3), 79/102 in Marine & Freshwater Biology (Q4); N° citations (ISI – Web of Science at 05/08/2015): 8; Average citations per year (ISI – Web of Science at 05/08/2015): 2.

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32. Civantos E., W. Thuiller, **L. Maiorano**, A. Guisan and M.B. Araujo. 2012. Potential impacts of climate change on ecosystem services in Europe: the case of pest control by vertebrates. *BioScience* 62: 658-666. IF = 5.377; 5 year IF = 6.326; journal rankings: 7/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 6; Average citations per year (ISI – Web of Science at 05/08/2015): 1.5.
33. Espindola A., L. Pellissier, **L. Maiorano**, W. Hordjik, A. Guisan and A. Nadir. 2012. Predicting present and future intra-specific genetic structure through niche hindcasting across 24 millennia. *Ecology Letters* 15: 649-657. IF = 10.689; 5 year IF = 16.783; journal rankings: 2/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 24; Average citations per year (ISI – Web of Science at 05/08/2015): 6.0.
34. Pellissier L., J.N. Pradervand, J. Pottier, A. Dubuis, **L. Maiorano** and A. Guisan. 2012. Climate-based empirical models show biased predictions of butterfly communities along environmental gradients. *Ecography* 35: 684-692. IF = 4.774; 5 year IF = 5.565; journal rankings: 4/43 in Biodiversity Conservation (Q1), 16/144 in Ecology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 9; Average citations per year (ISI – Web of Science at 05/08/2015): 2.25.
35. Puddu G., A. Falcucci and **L. Maiorano**. 2012. Forest changes over a century in Sardinia: implications for conservation in a Mediterranean hotspot. *Agroforestry Systems* 85: 319-330. IF = 1.215; 5 year IF = 1.639; journal rankings: 32/81 in Agronomy (Q2), 29/65 in Forestry (Q2); N° citations (ISI – Web of Science at 05/08/2015): 3; Average citations per year (ISI – Web of Science at 05/08/2015): 0.75. **LAST AUTHOR**.
36. Pottier J., A. Dubuis, L. Pellissier, **L. Maiorano**, L. Rossier, C.F. Randin, P. Vittoz, and A. Guisan. 2013. The accuracy of plant assemblage predictions from species distribution models varies along environmental gradients. *Global Ecology and Biogeography* 22: 52-63. IF = 6.531; 5 year IF = 7.180; journal rankings: 10/144 in Ecology (Q1), 1/46 in Physical Geography (Q1); N° citations (ISI – Web of Science at 05/08/2015): 15; Average citations per year (ISI – Web of Science at 05/08/2015): 5.0.
37. Wisz M.S., J. Pottier, W.D. Kissling, L. Pellissier, J. Lenoir, C.F. Damgaard, C.F. Dormann, M.C. Forchhammer, J.A. Grytnes, A. Guisan, R. Heikkinen, T.T. Høye, I. Kühn, M. Luoto, **L. Maiorano**, M.C. Nilsson, S. Normand, E. Öckinger, N.M. Schmidt, M. Termansen, A. Timmermann, D.A. Wardle, P. Aastrup and J.C. Svenning. 2013. The role of biotic interactions in shaping distributions and realized assemblages of species: implications for species distribution models. *Biological Reviews* 88: 15-30. IF = 9.670; 5 year IF = 11.199; journal rankings: 1/85 in Biology (Q1); N° citations (ISI – Web of Science at 05/08/2015): 120; Average citations per year (ISI – Web of Science at 05/08/2015): 40.0.
38. Falcucci A.<sup>§</sup>, **L. Maiorano**<sup>§</sup>, G. Tempio, L. Boitani and P. Ciucci. 2013. Modeling the potential distribution for a range-expanding species: wolf recolonization of the Alpine range. *Biological Conservation* 158: 63-72. <sup>§</sup>Equal contribution between the two authors. IF = 3.762; 5 year IF = 4.697; journal rankings: 6/43 in Biodiversity Conservation (Q1); 29/144 in Ecology (Q1); 26/221 in Environmental Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 6; Average citations per year (ISI – Web of Science at 05/08/2015): 2.0; **FIRST AUTHOR**.
39. **Maiorano L.**, R. Cheddadi, L. Pellissier, B. Petitpierre, J. Pottier, H. Laborde, B.I. Hurdu, N.E. Zimmermann, P.B. Pearman, A. Psomas, J.S. Singarayer, O. Broennimann, P. Vittoz, A. Dubuis, M.E. Edwards, H.A. Binney and A. Guisan. 2013. Building the niche through time: using 13,000 years of data to predict the effects of climate change on three tree species in Europe. *Global Ecology and Biogeography* 22: 302-317. IF = 6.531; 5 year IF = 7.180; journal rankings: 10/144 in Ecology (Q1), 1/46 in Physical Geography (Q1); N° citations (ISI – Web of Science at 05/08/2015): 24; Average citations per year (ISI – Web of Science at 05/08/2015): 8.0; **FIRST AUTHOR**.
40. Pellissier L., M. Anzini, **L. Maiorano**, A. Dubuis, J. Pottier, P. Vittoz and A. Guisan. 2013. Spatial predictions of land use transitions and associated threats to biodiversity: the case of forest regrowth in mountain grasslands. *Applied Vegetation Science* 16: 227-236. IF = 2.548; 5 year IF = 2.406; journal rankings: 56/144 in Ecology (Q2), 5/65 in Forestry (Q1), 52/200 in Plant Sciences (Q2); N° citations (ISI – Web of Science at 05/08/2015): 4; Average citations per year (ISI – Web of Science at 05/08/2015): 1.33.
41. Micheli F., N. Levin, S. Giakoumi, S. Katsanevakis, A. Abdulla, M. Coll., S. Frascchetti, S. Kark, D. Koutsoubas, P. Mackelworth, **L. Maiorano** and H.P. Possingham. 2013. Setting priorities for regional conservation planning in the Mediterranean Sea. *PLoS ONE* 8(4): e59038. IF = 3.234; 5

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- year IF = 3.702; journal rankings: 8/56 in Multidisciplinary Sciences (Q1); N° citations (ISI – Web of Science at 05/08/2015): 21; Average citations per year (ISI – Web of Science at 05/08/2015): 7.0.
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59. Boitani L., A. Falcucci and **L. Maiorano**. 2007. Analisi della rappresentatività del sistema delle aree protette della Regione Lazio nella conservazione della biodiversità. Pp. 79-166 in Tallone G. (Editore). *Biodiversità e aree protette nel Lazio: studi propedeutici all'elaborazione del piano dei parchi*. Regione Lazio – Agenzia Regionale Parchi, Roma.
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61. Rondinini C. and **L. Maiorano**. 2009. Dati di distribuzione delle specie e pianificazione della conservazione. Pp. 303-306 in Amori G., Battisti C. and S. De Felici. *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.

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65. Ardizzone G.D., A. Belluscio, F. Colloca, P. Carpentieri, A. Criscoli and **L. Maiorano**. 2004. Cartografia e monitoraggio delle praterie di posidonia oceanica tra Montalto di Castro e Tarquinia. Relazione Fasi A & B. Dipartimento BAU – Università di Roma “La Sapienza”; Technical report for Regione Lazio.
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### XIII D – Manuscripts submitted to ISI journals

76. Kukkala A., A. Arponen, **L. Maiorano**, A. Moilanen, W. Thuiller, T. Toivonen, L. Zupan, L. Brotons and M. Cabeza. Natura 2000 network coincides better with national rather than EU-wide priorities. Submitted to Conservation Letters.

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77. Ficetola G.F. and **L. Maiorano**. Effects of climate change on the phenology, abundance and performance of amphibians: a meta-analysis. Submitted to Climatic Change.
78. Zupan L., M. Cabeza, S. Lavorel, J. Maes, E. Crouzat, B.N. Egoh, **L. Maiorano**, M. Mouchet, M.L. Paracchini, J. Renaud, C. Roquet, G. Zulian, W. Thuiller. The challenge of joint conservation planning for biodiversity's multiple facets and ecosystem service supply. Submitted to Nature Communications.
79. Santulli G., S. Palazon, **L. Maiorano**, Y. Melero, K. Garcia, M. Plaza, A. Gomez, M. Podra, J. Gosalbez, A. Guisan. Refining species invasions predictions through the hierarchical combination of climatic envelope and land-use models: the case of the American mink in the Iberian Peninsula. Submitted to Biological Invasions.
80. Bidegaray-Batista L., A. Sanchez-Garcia, G. Santulli, **L. Maiorano**, A.P. Vogler and M.A. Arnedo. Imprints of multiple glacial refugia in the Pyrenees revealed by the phylogeography and paleo-distribution modeling of an endemic spider. Submitted to Journal of Biogeography.
81. Cheddadi R., Araujo M.B., **Maiorano L.**, Edwards M.E., Guisan A., Chevalier M., Pearman P.B. Changes in the thermal niche of three European tree species since 10,000 yr BP. Submitted to Ecology Letters.
82. Pottier J., **L. Maiorano**, A. Dubuis, L. Pellissier, C. Ndiribe, G.N. Yoccoz, W. Thuiller, A. Vaniscotte, N. Salamin and A. Guisan. Evaluation of the taxonomic, functional and phylogenetic components of species assemblage predictions. Submitted to Ecology Letters.
83. Pradervand J.N., L. Pellissier, J. Pottier, A. Dubuis, **L. Maiorano**, D. Cherix and A. Guisan. The importance of environmental variables in driving butterfly distributions varies with species traits. Submitted to Diversity and Distributions.
84. Boitani L., G. Amori, D. Baisero, G. Catullo, M. Masi, A. Falcucci, C. Rondinini and **L. Maiorano**. SAMD (Southeast Asian Mammal Database): a database of fine scale distribution ranges, ecology, and conservation status of the mammals of Southeast Asia. Submitted to Ecology.
85. Sonnay V., L. Pellissier, J.N. Pradervand, **L. Maiorano**, A. Dubuis, M.S. Wisz and A. Guisan. The determinants of alpine butterfly richness vary according to the ecological traits of species. Submitted to Insect Conservation and Diversity.
86. Casulli A., E. Pozio and **L. Maiorano**. Using niche-models to infer potential distribution of *Echinococcus multilocularis* in Italy. Submitted to Emerging Infectious Diseases.

#### Part XIV – Poster and presentations in Italian and international congresses.

1. Boitani L., **L. Maiorano** and F. Corsi. 2002. Analisi di idoneità ambientale per il cervo sardo finalizzata a possibili reintroduzioni. Convegno sul Cervo Sardo, Provincia di Cagliari. 15 Marzo 2002, Cagliari (Italy). **PRESENTATION**
2. Boitani L., A. Falcucci, **L. Maiorano** and A. Montemaggiori. 2003. Fine scale analysis of the efficiency of protected areas in conserving Italian Vertebrates. World Park Congress. 8-17 September 2003, Durban (South Africa). **PRESENTATION**
3. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2003. Il contributo delle aree protette nella conservazione dei vertebrati in Italia. 64° Congresso UZI. 21-25 September 2003, Varese (Italy). **PRESENTATION**
4. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2003. The Italian Vertebrates: irreplaceability analysis. 2003 GAP Analysis Meeting, Fort Collins (USA). **POSTER**
5. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2004. Italian protected areas and their value for the conservation of vertebrates. 100th AAG Annual Meeting. 15-19 March 2004, Philadelphia (USA). **POSTER**
6. Falcucci A., **L. Maiorano** and L. Boitani. 2004. An inductive habitat suitability model for the Marsican Brown bear (*Ursus arctos marsicanus*) in central Italy. 100th AAG Annual Meeting. 15-19 March 2004, Philadelphia (USA). **PRESENTATION**
7. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2004. Italian ecological networks and protected areas: their role in the conservation of vertebrates. International Conference "A landscape perspective on Mediterranean vertebrate ecology". 25-26 March 2004, Montpellier (France). **INVITED PRESENTATION**

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8. Boitani L., A. Falcucci and **L. Maiorano**. 2004. Italian protected areas and their efficiency in the conservation of vertebrates: effects of scale and planning unit size. 18th Annual Meeting of the Society for Conservation Biology. July 30th – August 2nd 2004, New York (USA). **PRESENTATION**
9. **Maiorano L.**, A. Falcucci and L. Boitani. 2004. Historical land use change in Italy: from 1960s to 1990s. XIV Congresso Nazionale Società Italiana di Ecologia. Conservazione e Gestione degli Ecosistemi. 4-6 Ottobre 2004, Siena (Italy). **PRESENTATION**
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16. **Maiorano L.**, A. Falcucci and L. Boitani. 2006. The efficacy of the Natura2000 network as a conservation tool in Italy. 1st European Congress of Conservation Biology. 23-26 August 2006, Eger (Hungary). **PRESENTATION**
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19. Jona Lasinio G., F. Colloca, **L. Maiorano**, V. Bartolino, A. Abella, A. Mannini, P. Sartor, P. Belcari, G. Relini and G. Ardizzone. 2007. A geostatistical approach for the identification of MPAs for fishery management in the central Mediterranean Sea. European Symposium on MPAs as a tool for fisheries management and ecosystem conservation. 25-28 September 2007, Murcia (Spain). **PRESENTATION**
20. **Maiorano L.**, V. Bartolino, F. Colloca, G. Jona Lasinio, A. Criscoli, P. Carpentieri, A. Abella, A. Mannini, C. Viva, B. Reale, G. Relini and G. Ardizzone. 2007. An approach for the identification of no-take areas in the Mediterranean based on trawl surveys data and simulated annealing. European Symposium on MPAs as a tool for fisheries management and ecosystem conservation. 25-28 September 2007, Murcia (Spain). **PRESENTATION**
21. Falcucci A., **L. Maiorano**, P. Ciucci and L. Boitani. 2008. Integration of approaches to model the geographic range of an expanding species: the case of the Italian wolf. Species Distribution Modeling Interactive Section. The 104th American Association of Geographers Annual Meeting. 15-19 April 2008, Boston (USA). **PRESENTATION**
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25. **Maiorano L.**, A. Falcucci, R. Alkemade, M. Bakkenes and L. Boitani. 2009. Scenarios for the future of mammals in South East Asia. The 10th International Mammalogical Congress, Mendoza, Argentina. 9-14 August 2009. **PRESENTATION**
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27. Ficetola G.F., **L. Maiorano**, A. Falcucci, N. Dendoncker, L. Boitani, E. Padoa-Schioppa, C. Miaud and W. Thuiller. 2009. Knowing the past to predict the future: land-use change and the spread of invasive bullfrogs. 2nd European Congress of Conservation Biology, Prague, September 1-5, 2009. **PRESENTATION**
28. Cianfrani C., G. Le Lay, A. Loy, **L. Maiorano**, H.H. Krüger, A. Krekemeyer and A. Guisan. 2009. Can the Eurasian otter have a sustainable recovering in the European landscape? 2nd Congress of Conservation Biology. Prague, Czech Republic, September 1-5 2009. **POSTER**
29. **Maiorano L.** 2010. Spatial distribution models, global change and conservation implications. The Arctic Community Modeling Workshop, National Environmental Research Institute, Aarhus University, Roskilde Vandrehjem (Denmark), 13-15 January 2010. **INVITED PRESENTATION**.
30. Boitani L., C. Rondinini, A. Falcucci, **L. Maiorano**, D. Baisero, P. Visconti and B. Pressey. 2010. What the available data on the world's mammals are (not) good for. 24th International Congress for Conservation Biology, Edmonton, Alberta (Canada), 3-7 July 2010. **PRESENTATION**
31. **Maiorano L.**, A. Falcucci, A. Guisan, N. Zimmermann, A. Psomas, C. Rondinini and L. Boitani. 2010. Future battlegrounds for the conservation of terrestrial mammals in the Mediterranean basin. 24th International Congress for Conservation Biology, Edmonton, Alberta (Canada), 3-7 July 2010. **PRESENTATION**
32. Pellissier L., M. Anzini, **L. Maiorano**, A. Dubuis, J. Pottier, P. Vittoz and A. Guisan. 2010. Statistical distribution models predict future land use change and biodiversity threat from past transitions. Global Change and the World's Mountain international conference, Perth, Scotland, 26-30 September 2010. **POSTER**
33. Guisan A., J. Pottier, L. Pellissier, A. Dubuis, C. Randin, R. Engler, M. Anzini, **L. Maiorano** and P. Vittoz. 2010. Global change impact on mountain plant diversity: modelling insights from the Swiss Alps. ESA Symposium, Special Session on "Global Change and Alpine Ecosystems: the Experience so far and Looking Ahead". Pittsburgh, 1-6 August 2010. **INVITED PRESENTATION**.
34. Guisan A., J. Pottier, A. Dubuis, L. Pellissier, **L. Maiorano**, P. Vittoz and C. Randin. 2010. Can we predict communities from the individual response of species to climate? Global Change and the World's Mountains, Perth, Scotland, UK, 26-30 September 2010. **PRESENTATION**
35. Pellissier L., M. Anzini, **L. Maiorano**, J. Pottier and A. Dubuis. 2010. Statistical distribution models predict future land use change and biodiversity threat from past transitions, "Global Change and the World's Mountains", Perth, Scotland, September 26-30. **POSTER**
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37. Pottier J., A. Dubuis, L. Pellissier, **L. Maiorano**, P. Vittoz, C. Randin and A. Guisan. 2010. Can we predict plant assemblages from species responses to topoclimatic factors? International GMBADIVERSITAS conference "Functional significance of mountain biodiversity". Chandolin, Switzerland, July 27-30, 2010. **PRESENTATION**
38. Cianfrani C., G. Le Lay, A. Loy, **L. Maiorano** and A. Guisan. 2010. Adapting conservation to climate change: the case of the otter in Europe. Biology 10, Neuchatel, Switzerland, 11-12 February 2010. **POSTER**.

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39. Pellissier L., **L. Maiorano** and A. Guisan. 2010. How to account for biotic interactions in species distribution modelling? C-BIO NET Workshop, Roskilde, Denmark, 28 September 2010. **INVITED PRESENTATION.**
40. Hurdu B.I., M. Puşcaş, P. Pearman, **L. Maiorano**, M. Niketić, A. Psomas, D. Schmatz, D. Turtureanu, T. Ursu, L. Filipaş, G. Coldea, V. Cristea and N.E. Zimmermann. 2011. Plant patterns of endemism in the Romanian Carpathians: can paleo-distribution models offer more insights? 5th International Conference of the International Biogeography Society, Crete 7-11 January 2011. **POSTER.**
41. Di Febbraro M., S. Bertolino, D. Paoloni, **L. Maiorano** and P. Genovesi. 2011. The potential spread of the grey squirrel (*Sciurus carolinensis*) in central Italy: a GIS cost-distance analysis. VIth European Congress of Mammalogy, Paris 19-23 July 2011. **POSTER.**
42. Santulli G., S. Palazòn, Y. Melero, A. Gomez, **L. Maiorano**, A. Guisan and J. Gosalbéz. 2011. Modelling potential distribution of the western population of the endangered European mink (*Mustela lutreola*). VIth European Congress of Mammalogy, Paris 19-23 July 2011. **INVITED PRESENTATION.**
43. Amori G., A. Falcucci, M. Masi, D. Russo, L. Boitani and **L. Maiorano**. 2011. Contribution of Natura 2000 to mammal conservation in Europe. VIth European Congress of Mammalogy, Paris 19-23 July 2011. **PRESENTATION.**
44. Baisero D., C. Rondinini, **L. Maiorano** and L. Boitani. 2011. Trade-off between map resolution and computational time in conservation planning. International Conference on Spatial Ecology & Conservation, Birmingham 5-7 September 2011. **PRESENTATION.**
45. **Maiorano L.** 2012. Ecological niches and geographic distributions. Round Table on "Species Distribution Models: Theory, Applications, Problems". International Doctoral School "Management and Conservation Issues in Changing Landscapes", University of Molise, Isernia 16 May 2012. **INVITED PRESENTATION.**
46. **Maiorano L.** 2012. Issues to consider when validating species distribution models. Workshop on "Agreed standards for biodiversity models", Center for Macroecology, Evolution and Climate, University of Copenhagen, 3-7 September 2012. **INVITED PRESENTATION.**
47. Normand S., C. Randin, C. Bay, T.T. Høye, H. Lischke, **L. Maiorano**, C. Körner, J. Paulses, P.B. Pearman, A. Psomas, U.A. Treier, N.E. Zimmermann and J.C. Svenning. 2012. A much greener future Greenland? Historical analogs and long-term constraints on the postglacial and future expansion of trees and shrubs. Conference on long term changes in tundra ecosystems, Aarhus 6-7 November 2012. **PRESENTATION.**
48. Normand S., C. Randin, C. Bay, T.T. Høye, H. Lischke, **L. Maiorano**, C. Körner, J. Paulses, P.B. Pearman, A. Psomas, U.A. Treier, N.E. Zimmermann and J.C. Svenning. 2013. A much greener future Greenland? Historical analogs and long-term constraints on the postglacial and future expansion of trees and shrubs across a large arctic Island region. 6th International Conference, Miami 9-13 January 2013. **PRESENTATION.**
49. **Maiorano L.** 2013. Ecological niche, species distribution, and global changes. Graduate School, Department of Biology and Biotechnologies "Charles Darwin", University of Rome "La Sapienza". **INVITED PRESENTATION.**
50. **Maiorano L.**, L. Bellucci, D.A. Iurino, R. Sardella and G. Amori. 2014. Fossil records and species distribution models: providing more than a single snapshot in time. IX Italian Mammalogy Congress, Civitella Alfedena 7-10 May 2014. **PRESENTATION.**
51. **Maiorano L.** and P. Ciucci. 2014. Using species distribution models to reconcile hunting regimes and bear conservation in Italy: putting predictive ecology in practice. IX Italian Mammalogy Congress, Civitella Alfedena 7-10 May 2014. **PRESENTATION.**



DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI

(art. 46, comma 1 del D.P.R. n.445/2000)

DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETÀ

(art. 47, comma 1 del D.P.R. n.445/2000)

Il sottoscritto Maiorano Luigi, Codice Fiscale MRNLGU74E26D862Z, nato a Galatina (Lecce), il 26 maggio 1974, sesso maschile, attualmente residente a Roma (prov. Roma), in via Ignazio Guidi 71, c.a.p. 00147, tel: 3491247415, consapevole che le dichiarazioni mendaci sono punite ai sensi del Codice penale e delle leggi speciali in materia

DICHIARA:

- di essere in possesso dei titoli e delle pubblicazioni riportate nell'allegato Curriculum Vitae;
- che ogni contenuto relativo a titoli, pubblicazioni e attività svolte nel CV allegato è conforme al vero

Roma, 05/08/2015

Il Dichiarante

Handwritten signature of Luigi Maiorano in black ink.