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### **Posizione attuale**

Professore Associato (SSD BIO/05), Dipartimento di Biologia e Biotecnologie “Charles Darwin”, Università di Roma “La Sapienza”

### **Principali argomenti di ricerca**

Modelli di distribuzione delle specie animali, cambiamenti globali e biodiversità animale, biogeografia, macro-ecologia, conservazione e gestione della biodiversità animale in natura.

### **Didattica**

- Corso di Diversità Animale, AA. 2017/2018 - 2018/2019 - 2019/2020, 9 CFU. Laurea triennale in Scienze Ambientali (Codice: 1016320, Settore Bio/05 - Zoologia), Università di Roma “La Sapienza”.
- Professore a contratto di Zoologia Ambientale, AA. 2016-2017, 9 CFU. Laurea triennale in Scienze Ambientali (Codice: 1041617, Settore Bio/05 - Zoologia), Università di Roma “La Sapienza”.
- Professore a contratto per il Master di II Livello in “Conservazione della Biodiversità Animale e Reti Ecologiche”, Università di Roma “La Sapienza”. Argomento: Applicazioni GIS in biologia della conservazione. 40 ore in totale tra il 2004 ed il 2008 (modulo di 8 ore di lezioni frontali per ogni anno di Master).
- Professore a contratto per il Master di II Livello in “Conservazione della Biodiversità Animale e Reti Ecologiche”, Università di Roma “La Sapienza”. Argomento: Statistica di base in Ecologia. Modulo di lezioni frontali per un totale di 24 ore (tenuto nel 2010).
- Professore a contratto presso il Institute of Marine Research, National Board of Fisheries, Lysekil, Sweden. Argomento: Analisi geostatistica: applicazioni nell’ecologia marina. Modulo di lezioni frontali per un totale di 30 ore (tenuto nel 2004).
- Professore a contratto presso il Vietnam Institute of Science, Hanoi, Vietnam. Argomento: Applicazioni GIS in biologia della conservazione. Modulo di 40 ore di lezioni frontali (tenuto nel 2006).
- Lezioni frontali per studenti del corso di laurea magistrale in Scienze Naturali (8 ore in totale tra il 2006 ed il 2009; 4 moduli da 2 ore ogni anno) su “Statistica di Base in Ecologia, Università di Roma “La Sapienza”.
- Assistente alla didattica (7-10 September 2009; 32 ore totali di cui 2 ore di lezione frontale) per la 1st EcoChange International Summer School on “Predictive habitat distribution models: tools for building projections of global change impact on biodiversity”. University of Lausanne, Switzerland.
- Assistente alla didattica (20-24 September 2010; 40 ore totali di cui 4 ore di lezione frontale) per la 2nd EcoChange International Summer School on “Predictive habitat suitability models for nature conservation, species management, and global change projections on biodiversity”. Swiss Federal Research Institute WSL, Birmensdorf, Switzerland.

### **Riconoscimenti didattici**

- Riconoscimento per l’eccellente insegnamento universitario nella Facoltà di Scienze dell’Università di Roma “La Sapienza” (inserito nel top 15%); anno accademico 2017-2018.

- Riconoscimento per l'eccellente insegnamento universitario nella Facoltà di Scienze dell'Università di Roma "La Sapienza" (inserito nel top 5%); anno accademico 2018-2019.

### Publicazioni ISI Web of Sciences

1. Santini L., Benitez-Lopez A., **Maiorano L.**, Cengic M., Huijbregts M.A.J. 2021. Assessing the reliability of species distribution projections in climate change research. *Diversity & Distributions*, doi: 10.1111/ddi.13252.
2. Cimatti M., Ranc N., Benitez-Lopez A., **Maiorano L.**, Boitani L., Cagnacci F., Čengiĉ M., Ciucci P., Huijbregts M.A.J., Krofel M., López-Bao J.V., Selva N., Andren H., Bautista C., Ćirović D., Hemmingmore H., Reinhardt I., Marenće M., Mertzanis Y., Pedrotti L., Trojević I., Zetterberg A., Zwijacz-Kozica T., Santini L. 2021. Large carnivore expansion in Europe is associated with human population density and land cover change. *Diversity & Distributions*, doi: 10.1111/ddi.13219.
3. Galiana N., Barros C., Braga J., Ficetola G.F., **Maiorano L.**, Thuiller W., Montoya J.M., Lurgi M. 2021. The spatial scaling of food web structure across European biogeographical regions. *Ecography*, in press.
4. Chiochio A., Arntzen J.W., Martinez-Solano I., de Vries W., Bisconti R., Pezzarossa A., **Maiorano L.**, Canestrelli D. 2020. Reconstructing hotspots of genetic diversity from glacial refugia and subsequent dispersal in Italian common toads (*Bufo bufo*). *Scientific Reports*, doi: 10.1038/s41598-020-79046y (IF = 3998; 17/71 in Multidisciplinary Sciences, Q1).
5. **Maiorano L.**, Montemaggiori A., Ficetola G.F., O'Connor L., Thuiller W. 2020. Tetra-EU 1.0: a species-level trophic meta-web of European and Mediterranean tetrapods. *Global Ecology and Biogeography* 29: 1452-1457. (IF = 5.667; 17/164 in Ecology, Q1; 2/50 in Geography, Q1).
6. O'Connor L.M.J., Pollock L.J., Braga J., Ficetola G.F., **Maiorano L.**, Martinez-Almoyna C., Montemaggiori A., Ohlmann M., Thuiller W. 2020. Unveiling the food webs of tetrapods across Europe Through the prism of the Eltonian niche. *Journal of Biogeography* 47: 181-192. (IF = 3.723, 35/169 in Ecology, Q1; 12/50 in Geography, Q1).
7. Braga J., Pollock L., **Maiorano L.**, Ficetola G.F., Dray S., Thuiller W. 2019. The spatial, phylogenetic and trait structure of species' centrality in the European vertebrate food webs. *Global Ecology and Biogeography*, in press. (IF = 5.667; 17/164 in Ecology, Q1; 2/50 in Geography, Q1).
8. Amori G., Boitani L., Milana G., **Maiorano L.**, Luiselli L. 2019. Endemism and diversity in European montane mammals: macro-ecological patterns. *Biological Journal of the Linnean Society* 128: 225-237. (IF = 2.203; 32/50 in Evolutionary Biology, Q3).
9. Busseni G., Jimenez Vieira F.R., Amato A., Pelletier E., Pierella Karlusich J.J., Ferrante M.I., Wincker P., Rogato A., Bowler C., Sanges R., **Maiorano L.**, Chiurazzi M., Ribera d'Alcalà M., Caputi L., Iudicone D. 2019. Meta-omics reveals genetic flexibility of diatom nitrogen transporters in response to environmental changes. *Molecular Biology and Evolution*, 36: 2522-2535. (IF = 14.797; 4/174 in Genetics & Heredity, Q1; 5/298 in Biochemistry and Molecular Biology; Q1; 2/50 in Evolutionary Biology, Q1).
10. **Maiorano L.**, L. Chiaverini, M. Falco, P. Ciucci. 2019. Combining multi-state species distribution models, mortality estimates, and landscape connectivity to model potential species distribution for endangered species in human dominated landscapes. *Biological Conservation* 237: 19-27. (IF = 4.451; 7/58 in Biodiversity Conservation, Q1; 22/164 in Ecology, Q1; 46/250 in Environmental Sciences, Q1).
11. Kukkala A., **Maiorano L.**, Thuiller W., Arponen A. 2019. Identifying national responsibility species based on spatial conservation prioritisation. *Biological Conservation* 236: 411-419. (IF

= 4.451; 7/58 in Biodiversity Conservation, Q1; 22/164 in Ecology, Q1; 46/250 in Environmental Sciences, Q1).

12. Zampiglia M., R. Bisconti, **L. Maiorano**, G. Aloise, A. Siclari, F. Pellegrino, G. Martino, A. Pezzarossa, A. Chiochio, C. Martino, G. Nascetti, D. Canestrelli. 2019. Drilling down hotspots of intraspecific diversity to bring them into on-ground conservation of threatened species. *Frontiers in Ecology and Evolution* 7: 205. (IF = 2.686; 62/164 in Ecology, Q2).
13. Araújo M.B., R.P. Anderson, A.M. Barbosa, C. Beale, C. Dormann, R. Early, R. Garcia, A. Guisan, **L. Maiorano**, B. Naimi, B. O'Hara, N.E. Zimmermann, C. Rahbek. 2019. Standards for distribution models in biodiversity assessments. *Science Advances* 5: eaat4858. (IF = 12.804; 4/69 in Multidisciplinary Sciences, Q1).
14. Saladin B., W. Thuiller, C.H. Graham, S. Lavergne, **L. Maiorano**, N. Salamin, N.E. Zimmermann. 2019. Environment and evolutionary history shape phylogenetic turnover in European tetrapods. *Nature Communications* 10: 249. (IF = 11.878; 5/69 in Multidisciplinary Sciences, Q1).
15. Santini L., Pironon S., **Maiorano L.**, W. Thuiller. 2019. Addressing common pitfalls does not provide more support to geographical and ecological abundant-centre hypotheses. *Ecography* 42: 696-705. (IF = 5.946; 4/58 in Biodiversity Conservation, Q1; 12/164 in Ecology, Q1).
16. Santini L., Isaac N.J.B., **Maiorano L.**, Ficetola G.F., Huijbregts M.A.J., Carbone C., W. Thuiller. 2018. Global drivers of population density in terrestrial vertebrates. *Global Ecology and Biogeography* 27: 968-979. (IF = 5.667; 17/164 in Ecology, Q1; 2/50 in Geography; Q1).
17. Ciucci P., Boitani L., Falco M., **L. Maiorano**. 2018. Hierarchical, multi-grain rendezvous site selection by wolves in Pollino National Park, southern Italy. *Journal of Wildlife Management* 82: 1049-1061. (IF = 1.881; 95/164 in Ecology, Q3; 37/170 in Zoology, Q1).
18. Kirchheimer B., J. Wessely, A. Gatringer, K. Hülber, D. Moser, C.C.F. Schinkel, M. Appelhans, S. Klatt, M. Caccianiga, A. Dellinger, A. Guisan, M. Kuttner, J. Lenoir, **L. Maiorano**, D. Nieto-Lugilde, C. Plutzer, J.C. Svenning, W. Willner, E. Hörandl, S. Dullinger. 2018. Reconstructing geographical parthenogenesis: effects of niche differentiation and reproductive mode on Holocene range expansion of an alpine plant. *Ecology Letters* 21: 392-401. (IF = 8.699; 7/164 in Ecology, Q1).
19. D'Amen M., R.G. Mateo, J. Pottier, W. Thuiller, **L. Maiorano**, L. Pellissier, C. Ndiribe, N. Salamin, A. Guisan. 2018. Improving spatial predictions of taxonomic, functional and phylogenetic diversity. *Journal of Ecology* 106: 76-86. (IF = 5.687; 16/164 in Ecology, Q1; 12/228 in Plant Sciences, Q1)
20. Di Febbraro M., F. Carotenuto, S. Castiglione, D. Russo, A. Loy, **L. Maiorano**, P. Raia. 2017. Does the jack of all trades fares best? Survival and niche width in late Pleistocene Megafauna. *Journal of Biogeography* 44: 2828-2838. (IF = 3.884; 34/164 in Ecology, Q1; 12/50 in Physical Geography, Q1).
21. Canestrelli D., R. Bisconti, A. Chiochio, **L. Maiorano**, M. Zampiglia, G. Nascetti. 2017. Climate change promotes hybridisation between deeply divergent species of European toads. *PeerJ* 5: e3072. (IF = 2.353; 27/69 in Multidisciplinary Sciences, Q2). Media coverage da El Pais ([http://elpais.com/elpais/2017/03/31/ciencia/1490947238\\_717701.html](http://elpais.com/elpais/2017/03/31/ciencia/1490947238_717701.html)).
22. Amori G., A.M. Bissattini, S. Gippoliti, L. Vignoli, **L. Maiorano**, L. Luiselli. 2017. The least speciose among the most speciose: natural history correlates of mono- and bispecific genera of Rodentia and Soricomorpha. *Integrative Zoology* 12: 489-499. (IF = 2.140; 21/170 in Zoology, Q1).
23. **Maiorano L.**, L. Boitani, L. Chiaverini, P. Ciucci. 2017. Uncertainties in the identification of potential dispersal corridors: the importance of behaviour, sex, and algorithm. *Basic & Applied Ecology* 21: 66-75. (IF = 2.474; 71/164 in Ecology, Q2).

24. Ciucci P., T. Altea, A. Antonucci, L. Chiaverini, A. di Croce, M. Fabrizio, P. Forconi, R. Latini, **L. Maiorano**, A. Monaco, P. Morini, F. Ricci, L. Sammarone, F. Striglioni, E. Tosoni, and the Regione Lazio Bear Monitoring Network. 2017. Distribution of the brown bear (*Ursus arctos marsicanus*) in the central Apennines, Italy, 2005-2014. *Hystrix, the Italian Journal of Mammalogy* 28: 86-91. (IF = 1.195; 77/170 in Zoology, Q2).
25. Ranc N., L. Santini, C. Rondinini, L. Boitani, F. Poitevin, A. Angerbjorn and **L. Maiorano**. 2017. Performance tradeoffs in target-group bias correction for species distribution models. *Ecography* 40: 1076-1087. (IF = 5.946; 4/58 in Biodiversity Conservation, Q1; 12/164 in Ecology, Q1).
26. Cheddadi R., M.B. Araujo, **L. Maiorano**, M.E. Edwards, A. Guisan, M. Carré, M. Chevalier and P.B. Pearman. 2016. Temperature range shifts for three European tree species over the last 10,000 years. *Frontiers in Plant Sciences* 7: 1581. (IF = 4.106; 20/228 in Plant Sciences, Q1).
27. Russo D., **Maiorano L.**, Rebelo H., Preatoni D.G. 2016. Species distribution models: exploring patterns and processes in mammal ecology. *Hystrix, the Italian Journal of Mammalogy* 27: 3-4. (IF = 1.195; 77/170 in Zoology, Q2).
28. Kukkala A.S., Santangeli A., Butchart S.H.M., **Maiorano L.**, Ramirez I., Burfield I.J. and A. Moilanen. 2016. Coverage of vertebrate species distributions by Important Bird and Biodiversity Areas and Special Protection Areas in the European Union. *Biological Conservation* 202: 1-9. (IF = 4.451; 7/58 in Biodiversity Conservation, Q1; 22/164 in Ecology, Q1; 46/250 in Environmental Sciences, Q1).
29. Puddu G. and **L. Maiorano**. 2016. Combining multiple tools to provide realistic potential distributions: species distribution models, morphological spatial pattern analysis and circuit theory. *Hystrix, the Italian Journal of Mammalogy* 27: 62-68. (IF = 1.195; 77/170 in Zoology, Q2).
30. Milana G., M. Lai, **L. Maiorano**, L. Luiselli and G. Amori. 2016. Geographic pattern of predator niche breadth and prey species richness. *Ecological Research* 31: 111-115. (IF = 1.546, 106/164 in Ecology, Q3).
31. Bidegaray-Batista L., A. Sanchez-Garcia, G. Santulli, **L. Maiorano**, A. Guisan, A.P. Vogler and M.A. Arnedo. 2016. Imprints of multiple glacial refugia in the Pyrenees revealed by the phylogeography and paleo-distribution modeling of an endemic spider. *Molecular Ecology* 25: 2046-2064. (IF = 5.855, 40/298 in Biochemistry and Molecular Biology, Q1; 13/164 in Ecology, Q1; 8/50 in Evolutionary Biology, Q1).
32. Ancillotto L., L. Santini, N. Ranc, **L. Maiorano** and D. Russo. 2016. Extraordinary range expansion in a common bat: the potential roles of climate change and urbanisation. *Naturwissenschaften* 103: 15. (IF = 2.221, 19/64 in Multidisciplinary Sciences, Q2).
33. Visconti P., D. Baisero, M. Bakkenes, T. Brooks, S.H.M. Butchart, L.N. Joppa, R. Alkemade, M. Di Marco, L. Santini, M. Hoffmann, **L. Maiorano**, R.L. Pressey, A. Arponen, L. Boitani, A. Reside, D.P. van Vuuren and C. Rondinini. 2016. Projecting global biodiversity indicators under future development scenarios. *Conservation Letters* 9: 5-13. (IF = 7.397; 2/58 in Biodiversity Conservation, Q1).
34. Kukkala A., A. Arponen, **L. Maiorano**, A. Moilanen, W. Thuiller, T. Toivonen, L. Zupan, L. Brotons and M. Cabeza. 2016. Matches and mismatches between national and EU-wide priorities: examining the Natura 2000 network in species conservation. *Biological Conservation* 198: 193-201. (IF = 4.451; 7/58 in Biodiversity Conservation, Q1; 22/164 in Ecology, Q1; 46/250 in Environmental Sciences, Q1).
35. Ficetola G.F. and **L. Maiorano**. 2016. Contrasting effects of temperature and precipitation change on amphibian phenology, abundance and performance. *Oecologia* 181: 683-693. (IF = 2.915; 52/164 in Ecology, Q2).

36. Thuiller W., **L. Maiorano**, F. Mazel, F. Guilhaumon, G.F. Ficetola, S. Lavergne, J. Renaud, C. Roquet, L. Zupan 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 = 6.139; 7/87 in Biology, Q1).
37. Trizzino M, F. Bisi, **L. Maiorano**, A. Martinoli, M. Petitta, D.G. Preatoni and 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 = 3.142; 10/58 in Biodiversity Conservation, Q1; 48/164 in Ecology, Q2; 84/250 in Environmental Sciences, Q2).
38. **Maiorano L.**, L. Boitani, A. Monaco, E. Tosoni and P. Ciucci. 2015. Modeling the distribution of Apennine brown bears during hyperphagy to reduce the impact of wild boar hunting. *European Journal of Wildlife Research* 61: 241-253. (IF = 1.184; 123/164 in Ecology, Q3; 80/170 in Zoology, Q2).
39. **Maiorano L.**, Amori G., Montemaggiore A., Rondinini C., Santini L., Saura S. and L. Boitani. 2015. On how much biodiversity is covered in Europe by national protected areas and by the Natura 2000 network: insights from terrestrial vertebrates. *Conservation Biology* 29: 986-995. (IF = 6.194; 3/58 in Biodiversity Conservation, Q1; 11/164 in Ecology, Q1; 19/250 in Environmental Sciences, Q1).
40. Meller L., M. Cabeza, S. Pironon, M. Barbet-Massin, **L. Maiorano**, D. Georges and W. Thuiller. 2014. Ensemble distribution models in conservation prioritization: from consensus predictions to consensus reserve networks. *Diversity & Distribution* 20: 309-321. (IF = 4.092; 8/58 in Biodiversity Conservation, Q1; 30/164 in Ecology, Q1).
41. Cheddadi R., H.J.B. Birks, P. Tarroso, S. Liepelt, D. Gömöry, S. Dullinger, E.S. Meier, K. Hülber, **L. Maiorano** and H. Laborde. 2014. Revisiting tree-migration rates: *Abies alba* (Mill.), a case study. *Vegetation History and Archaeobotany* 23: 113-122. (IF = 2.482; 5/57 in Paleontology, Q1; 66/228 in Plant Sciences, Q2).
42. 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 = 4.092; 8/58 in Biodiversity Conservation, Q1; 30/164 in Ecology, Q1).
43. 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 = 10.266; 5/50 in Evolutionary Biology, Q1).
44. 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 = 4.092; 8/58 in Biodiversity Conservation, Q1; 30/164 in Ecology, Q1).
45. 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 = 5.667; 17/164 in Ecology, Q1; 2/50 in Geography, Q1).
46. 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 = 10.288; 2/87 in Biology, Q1).

47. 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. (IF = 4.451; 7/58 in *Biodiversity Conservation*, Q1; 22/164 in *Ecology*, Q1; 46/250 in *Environmental Sciences*, Q1). **§Equal contribution between the two authors.** Media coverage da Neue Burcher Zeitung, Zurigo (<https://www.jagdschweiz.ch/assets/Uploads/140622-NZZ-heulen-in-der-agglo.pdf>).
48. **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 = 5.667; 17/164 in *Ecology*, Q1; 2/50 in *Geography*; Q1).
49. 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 = 3.568; 41/164 in *Ecology*, Q1; 3/67 in *Forestry*, Q1; 34/228 in *Plant Sciences*, Q1).
50. Micheli F., N. Levin, S. Giakoumi, S. Katsanevakis, A. Abdulla, M. Coll., S. Frascetti, 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 = 2.776; 24/69 in *Multidisciplinary Sciences*, Q2).
51. 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 = 2.776; 24/69 in *Multidisciplinary Sciences*, Q2).
52. Norman S, C. Randin, T.T. Hoye, H. Lischke, **L. Maiorano**, C. Korner, A. Psomas, U.A. Treier, N.E. Zimmermann, J.C. Svenning. 2013. A greener Greenland? Climatic potential and long-term constraints on future expansions of trees and shrub. *Philosophical Transactions of the Royal Society Series B* 368: 20120479. (IF = 6.139; 7/87 in *Biology*, Q1).
53. 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 = 3.048; 11/58 in *Biodiversity Conservation*, Q1; 49/164 in *Ecology*, Q2).
54. **Maiorano L.**, G. Amori, M. Capula, A. Falcucci, M. Masi, A. Montemaggiore, 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 = 2.776; 24/69 in *Multidisciplinary Sciences*, Q2).
55. 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 = 4.092; 8/58 in *Biodiversity Conservation*, Q1; 30/164 in *Ecology*, Q1).
56. 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 = 0.877; 40/52 in *Fisheries*, Q4; 81/108 in *Marine & Freshwater Biology*, Q3).
57. 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 = 6.591; 6/87 in *Biology*, Q1).

58. 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 = 8.699; 7/164 in Ecology, Q1).
59. 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 = 5.946; 4/58 in Biodiversity Conservation, Q1; 12/164 in Ecology, Q1).
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