

Curriculum vitae

Paola Laiolo

Current Position

Consejo Superior de Investigación Científica – Spanish National Research Council
Unidad Mixta de Investigación en Biodiversidad – Research Unit of Biodiversity
Address: Universidad de Oviedo, Campus de Mieres, Edificio de Investigación V planta, C Gonzalo Gutiérrez Quirós s/n,
33600 Mieres, España
Phone: 00.34 985 10 3000 Ext. 5928
E-mail: paola.laiolo@csic.es
Professional Category: Científico Titular CSIC

Starting date: 04/08/2008

Academic titles

Degree	University	Date
Biology	University of Torino	12/11/1992

Doctorate	University	Date
Biology	University of Pavia	28/01/2000

Academic career

Position	Institution	Date
Research assistant	University of Torino	1993-1995
Reserach fellow	Culterty Field Station, University of Turin Aberdeen (UK)	1996
PhD fellow	University of Pavia	1997-1999
Post-doctoral fellow	University of Torino	2000-2002
Research assistant	University of Torino	2003
Marie Curie Research Fellow	Estación Biológica de Doñana (CSIC)	2004-2006
Research Fellow Junta de Andalucía	Estación Biológica de Doñana (CSIC)	2006
Ramón y Cajal Research Fellow	Estación Biológica de Doñana (CSIC)	2007-2008
Associate Professor	University of Oviedo	2012

Visiting Professor	University of Torino	2014 - 2015
Tenured Scientist	Research Unit of Biodiversity (CSIC, UO,PA) Spain	2008-present

Research Projects

PROJECT TITLE: LA DIVERSIDAD MAS ALLA DE LA RIQUEZA DE ESPECIES PARA ENTENDER LA ESTRUCTURA DE LAS COMUNIDADES (CGL2014-53899-P)

FUNDING ENTITY: MINECO (Spanish Ministry of Innovation)

PERIOD : 2015- 2017 AMOUNT: 144 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Thermal niches and adaptations of alpine endemic grasshoppers (Small Research Grant N. 4278 / 5250)

FUNDING ENTITY: British Ecological Society

PERIOD : 2013- 2014 AMOUNT: 5704.3 £

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Mecanismos bióticos y abióticos que determinan la distribución y la coexistencia de especies en gradientes altitudinales (CGL2011-28177)

FUNDING ENTITY: MICINN (Spanish Ministry of Education and Research)

PERIOD : 2012 - 2014 AMOUNT: 103 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Gradientes altitudinales de biodiversidad en el Parque Nacional de los Picos de Europa: cómo se origina, mantiene y conserva la riqueza de organismos en un escenario de cambio climático

FUNDING ENTITY: Fundación Biodiversidad

PERIOD : 2010 -2011 AMOUNT: 52 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Previsión de las afecciones del cambio climático sobre la avifauna alpina (IB09-105)

FUNDING ENTITY: FICYT, Plan de Ciencia y Tecnología del Principado de Asturias 2006-2009

PERIOD : 2009-: 2010 AMOUNT: 42 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: The effects of habitat loss and fragmentation on endemic and threatened birds of the Baja California Peninsula, Mexico: a genetic and epigenetic perspective

FUNDING ENTITY: CSIC (Spain) - CONACYT (Mexico)

PERIOD : 2009 - : 2010 AMOUNT: 5 600 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Ecología y evolución del mimetismo acústico en las aves

FUNDING ENTITY: MICINN (Spanish Ministry of Education and Research)

PERIOD : 2009- 2011 AMOUNT: 98 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Ecología y conservación de las aves de los agroecosistemas

FUNDING ENTITY: CSIC

PERIOD: 2009 - 2011 AMOUNT: 30 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Impacto e interacciones del clima con la ecología, comportamiento y distribución de aves de alta montaña en el Parque Nacional de Los Picos de Europa

FUNDING ENTITY: Fundación Biodiversidad

PERIOD : 2008 - 2010 AMOUNT: 37 000 €

LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Colonización y diversificación de la Curruca Tomillera (*Sylvia conspicillata*) en la Macaronesia

FUNDING ENTITY: Agencia Canaria de Investigación, Innovación y Sociedad de la Información (Gobierno de Canarias)

PERIOD : 2009 - 2010 AMOUNT: 41 620 €

LEADING RESEARCHER: Juan Carlos Illera

PROJECT TITLE: Movimientos, conectividad y respuestas individuales en paisajes fragmentados: urogallos en la Cordillera Cantábrica
FUNDING ENTITY: FICYT, Plan de Ciencia y Tecnología del Principado de Asturias 2006-2009
PERIOD : 2008 - 2010 AMOUNT: 85 648 €
LEADING RESEARCHER: María José Bañuelos

PROJECT TITLE: Ecología y Evolución de la comunicación acústica en los Alaudidos: variación espacial y temporal (15 000€)
FUNDING ENTITY: Ministerio de Educación y Ciencia, Programa Ramón y Cajal
PERIOD : 2007 -2011 AMOUNT: 15 000 €
LEADING RESEARCHER: Paola Laiolo
NUMERO DE INVESTIGADORES PARTICIPANTES: 1

PROJECT TITLE: Una perspectiva multidisciplinar para el estudio de la ecología y conservación de la avifauna esteparia andaluza
FUNDING ENTITY: Junta de Andalucía
PERIOD : 2006 - 2008 AMOUNT: 198 000€
LEADING RESEARCHER: José Luis Tella

PROJECT TITLE: Comparative analysis of intraspecific song variability in lark species (Alaudidae) with different degree of population fragmentation
FUNDING ENTITY: European Community (sixth European Community Framework Programme)
PERIOD : 2004 - 2006 AMOUNT: 135 000 €
LEADING RESEARCHER: Paola Laiolo & José Luis Tella

PROJECT TITLE: Vocalizations of the Choughs in the Himalayas (genus *Pyrrhonorax*)
FUNDING ENTITY: Explorers Club (EE UU)
PERIOD : 2002- 2002 AMOUNT: 1000 \$
LEADING RESEARCHER: Paola Laiolo

PROJECT TITLE: Geographic variation in the morphology of the Choughs (genus *Pyrrhonorax*)
FUNDING ENTITY: American Museum of Natural History (EE UU)
PERIOD : 1999 - 1999 AMOUNT: 700 \$
LEADING RESEARCHER: Paola Laiolo

SCI Papers

(CL = Book chapter, A = paper, R = review)

Authors: **Laiolo P.**, Obeso J.R.

Title: Plastic responses to temperature vs. local adaptation at the cold extreme of the climate gradient

Ref. 72 Journal: Evolutionary Biology, DOI: 10.1007/s11692-015-9341-8

Key: A Date: 2015

Authors: Nadhurou B., Righini R., Gamba M., **Laiolo P.**, Ouledi A., Giacomina C.

Title: Effects of human disturbance on *Eulemur mongoz* in Comoros: implications and potential for the conservation of a Critically Endangered species

Ref. 71 Journal: Oryx, in press

Key: A Date: 2015

Authors: Bastianelli G., Seoane J., Alvarez P., **Laiolo P.**

Title: The intensity of male-male interactions declines in highland songbird populations

Ref. 70 revista: Behavioral Ecology and Sociobiology, Behavioral Ecology and Sociobiology 69: 1493-1500

Key: A Date: 2015

Authors: **Laiolo P.**, Illera JC, Meléndez L, Segura A, Obeso JR

Title: Abiotic, biotic and evolutionary control of the distribution of C and N isotopes in food webs

Ref. 69 Journal: The American Naturalist, 185: 169-182

Key: A Date: 2015

Authors: Segura A, Castaño-Santamaría J, **Laiolo P.**, Obeso JR

Title: Divergent responses of flagship, keystone and resource-limited bio-indicators to forest structure

Ref. 68 Journal: Ecological Research 29: 925-936.

Key: A Date: 2014

Authors: Meléndez L, **Laiolo P.**, García M, Magaña O, Jovani R

Title: Climate-driven variation in the intensity of a host-symbiont animal interaction along a broad elevation gradient
Ref. 67 Journal: PLoS ONE e101942
Key: A Date: 2014

Authors: Illera JC, Palmero AM, **Laiolo P**, Rodríguez F, Moreno A and Navascués M
Title: Genetic, morphological and acoustic evidence reveals lack of diversification in the colonization process in an island bird
Ref. 66 Journal: Evolution 8: 2259–2274
Key: A Date: 2014

Authors: Meléndez L & **Laiolo P**.
Title: The role of climate in constraining the elevational range of the Water Pipit *Anthus spinoletta* in an alpine environment
Ref. 65 Journal: Ibis
Key: A Date: 2014 Volume 156: 276–287

Authors: Palmero, A.M.; Espelosin, J.; **Laiolo P.**; Illera J.C.
Title: Information theory reveals that individual birds do not alter song complexity when varying song length
Ref. 64 Journal: Animal Behaviour
Key: A Date: 2014 Volume 87: 153-163

Authors: Blanco G.; **Laiolo P.**; Fargallo J.A.
Title: Linking environmental stress, feeding-shifts and the 'island syndrome': a nutritional challenge hypothesis
Ref. 63 Journal: Population Ecology
Key: A Date: 2014 Volume 56: 203-216

Authors: **Laiolo P.**; Illera J.C.; Obeso J.R.
Title: Local climate determines intra- and interspecific variation in sexual size dimorphism in mountain grasshopper communities
Ref. 62 Journal: Journal of Evolutionary Biology
Key: A Date: 2013 - Volume 26: 2171-2183.

Authors: Genovart M.; Tavecchia G.; Enseñat J.J., **Laiolo P**.
Title: Holding up a mirror to the society: Children recognize exotic species much more than local ones
Ref. 61 Journal: Biological Conservation
Key: A Date: 2013 - Volume 159: 484–489

Authors: **Laiolo P**
Title: From inter-specific behavioural interactions to species distribution patterns along gradients of habitat heterogeneity
Ref. 60 Journal: Oecologia
Key: A Date: 2013 Volume 171: 207-215

Authors: Bocci A, Telford M, **Laiolo P**
Title: Determinants of the acoustic behaviour of red deer during breeding in a wild alpine population, and implications for species survey
Ref. 59 Journal: Ethology Ecology and Evolution
Key: A Date: 2013 Volume 25: 52-69

Authors: Moya-Laraño J.; Verdeny-Vilalta O.; Rowntree J.; Melguizo N.; Montserrat M., **Laiolo P**.
Title: Climate change and eco-evolutionary dynamics in food webs
Ref. 58 Journal: Advances in Ecological Research
Key: A Date: 2012 - Volume 47: 1-80

Authors: **Laiolo P**; Obeso JR
Title: Multilevel selection and neighbourhood effects from individual to metapopulation in a wild passerine
Ref. 57 Journal: PLoS ONE
Key: A Date: 2012 Volume PLoS ONE 7(6): e38526. doi:10.1371/journal.pone.0038526

Authors: Palmero A.M.; Illera J.C.; **Laiolo P**.
Title: Song characterization in the spectacled warbler (*Sylvia conspicillata*): a circum-Mediterranean species with a complex song structure
Ref. 56 Journal: Bioacoustics
Key: A Date: 2012 Volume 21: Páginas: 175-191

Authors: **Laiolo, P**.
Title: Interspecific interactions drive cultural co-evolution and acoustic convergence in syntopic species.
Ref. 55 Journal: Journal of Animal Ecology
Key: A Date: 2012 Volume 81 Páginas: 594–604

Authors: Vögeli, M, **Laiolo, P.**, Serrano, D. Tella J.L.

Title: Predation of experimental nests is linked to local population dynamics in a fragmented bird population.
 Ref. 54 Journal: Biology Letters
 Key: A Date: 2011 Volume 7 Pages: 954-957

Authors: **Laiole P.**, Bañuelos MJ, Blanco-Fontao B, Garcia M, Gutierrez G.
 Title: Mechanisms underlying the bioindicator notion: spatial association between individual sexual performance and community diversity.
 Ref. 53 Journal: PLoS ONE
 Key: A Date: 2011 PLoS ONE 6(7): e22724. doi:10.1371/journal.pone.0022724:

Authors: Munguia-Vega A, Rodriguez-Estrella R, Blanco G, **Laiole P**
 Title: Microsatellite loci for assessing genetic diversity and population structure of the endemic Belding's yellowthroat *Geothlypis beldingi* from the Baja California Peninsula
 Ref. 52 Journal: Conservation Genetics Resources
 Key: A Date: 2011 Volume: 3 Pages, inicial: 433 final: 435

Authors: Jimenez, G, Melendez L, Blanco B, **Laiole, P.**
 Title: Dampened behavioral responses mediate birds' association with humans.
 Ref. 51 Journal: Biological Conservation
 Key: A Date: 2013 Volume 159: 477-483

Authors: **Laiole, P.**
 Title: Homogenization of birdsong along a natural-urban gradient in Argentina.
 Ref. 50 Journal: Ethology Ecology and Evolution 23: 274-287
 Key: A Date: 2011 Volume: 23 Pages: 274 -287

Authors: **Laiole, P.**, Obeso, JR & Roggia, Y. 2011.
 Title: Mimicry as a novel pathway linking biodiversity functions and individual behavioural performances.
 Ref. 49 Journal: Proceedings of the Royal Society B
 Key: A Date: 2011 Volume: 278 Pages: 1072 - 1081

Authors: **Laiole P.**
 Title: The emerging significance of bioacoustics in animal species conservation
 Ref 48 Journal: Biological Conservation
 Key: R (A) Date: 2010 Volume 143: 1635-1645

Authors: **Laiole P.**, Banda E., Lemus JA, Aguirre IJ, Blanco G.
 Title: Behaviour and stress response during capture and handling of the red-billed chough *Pyrrhocorax pyrrhocorax* (Aves: Corvidae)
 Ref 47 Journal: Biological Journal of the Linnean Society
 Key: A Date: 2009 Volume 96: 843-855.

Authors: Vögeli M., **Laiole P.**, Serrano D., Tella J.L.
 Title: Who are we sampling? Apparent survival differs between methods in a secretive species
 Ref 46 Journal: Oikos
 Key: A Date: 2008 Volume117: 1816-1823

Authors: **Laiole P.** & Tella J.L.
 Title: Social determinants of songbird vocal activity and implications for the persistence of small populations
 Ref. 45 Journal: Animal Conservation
 Key: A Volume: 11 Pages: 433 - 441 Date: 2008

Authors: **Laiole P.**
 Title: Characterizing the spatial structure of songbird cultures
 Ref. 44 Journal: Ecological Applications
 Key: A Volume: 18 Pages: 1774 - 1780 Date: 2008

Authors: **Laiole P.**, Vögeli M., Serrano D., Tella J.L.
 Title: Song diversity predicts the viability of fragmented bird populations
 Ref. 43 Journal: PLoS-ONE
 Key: A Volume: 3 Pages: e1822 Date: 2008

Authors: **Laiole P.**, Vögeli M., Serrano D., Tella J.L.
 Title: Testing acoustic versus physical marking: two complementary methods for individual-based monitoring of elusive species
 Ref. 42 Journal: Journal of Avian Biology
 Key: A Volume: 38 Pages : 672 - 681 Date: 2007

- Authors: **Laiolo P.** & Tella J.L.
 Title: Vocal diversity patterns - Reply
 Ref. 41 Journal: Frontiers in Ecology and the Environment 0 Libro
 Key: A Volume: 5 Pages : 406 - 407 Date: 2007
-
- Authors: **Laiolo P.**, Serrano D., Tella J.L., Carrete M., Lopez G. & Navarro
 Title: Effects of pox-virus infection on the distress calls of lesser short-toed lark *Calandrella rufescens*
 Ref. 40 Journal: Behavioral Ecology
 Key: A Volume: 18 Pages : 507 - 512 Date: 2007
-
- Authors: **Laiolo P.** & Tella J.L.
 Title: Erosion of animal cultures in fragmented landscapes
 Ref. 39 Journal: Frontiers in Ecology and the Environment
 Key: A Volume: 5 Pages : 68 - 72 Date: 2007
-
- Authors: **Laiolo P.** & Jovani R.
 Title: The emergence of animal culture conservation
 Ref. 38 Journal: Trends in Ecology and Evolution
 Key: A Volume: 22 Pages : 5- 5 Date: 2007
-
- Authors: **Laiolo P.** & Tella J.L.
 Title: Fate of unproductive and unattractive habitats: recent changes in Iberian steppes and their effects on endangered avifauna
 Ref. 37 Journal: Environmental Conservation
 Key: A Volume: 33 Pages : 223 - 232 Date: 2006
-
- Authors: **Laiolo P.** & Tella J.L.
 Title: Landscape bioacoustics allows detection of the effects of habitat patchiness on population structure
 Ref. 36 Journal: Ecology 0 Libro
 Key: A Volume: 87 Pages : 1203 - 1214 Date: 2006
-
- Authors: **Laiolo P.** & Tella J.L.
 Title: Habitat fragmentation affects culture transmission: patterns of song matching in Dupont's lark.
 Ref. 35 Journal: Journal of Applied Ecology
 Key: A Volume: Pages : - Date: 2005
-
- Authors: **Laiolo P.**
 Title: Spatial and seasonal patterns of bird communities in Italian agroecosystems
 Ref. 34 Journal: Conservation Biology
 Key: A Volume: 19 Pages : 1547 - 1556 Date: 2005
-
- Authors: **Laiolo P.**, Vögeli M., Serrano D., Tella J.L.
 Title: Two new calls from the Dupont's Lark *Chersophilus duponti* and imitations by other Alaudids: ecological and monitoring implications
 Ref. 33 Journal: Ardeola
 Key: A Volume: 52 Pages : 167 - 172 Date: 2005
-
- Authors: **Laiolo P.** & Rolando A.
 Title: Forest bird diversity and skislopes: a case of negative edge effect.
 Ref. 32 Journal: Animal Conservation
 Key: A Volume: 7 Pages : 9- 16 Date: 2005
-
- Authors: **Laiolo P.**, Tella J.L., Carrete M., Serrano D., Lopez G.
 Title: Distress calls may honestly signal bird quality to predators.
 Ref. 31 Journal: Proc. R. Soc. London B 0 Libro
 Key: A Volume: 271 Pages : S513 - S515 Date: 2004
-
- Authors: **Laiolo P.**, Rolando A., Delestrade A. & A. De Sanctis
 Title: Vocalisations and morphology: interpreting the divergence among populations of Red-billed and Alpine chough.
 Ref. 30 Journal: Bird Study
 Key: A Volume: 51 Pages : 248 - 255 Date: 2004
-
- Authors: **Laiolo P.**, Rolando A., & Valsania V.
 Title: Avian community structure in sweet chestnut coppiced woods facing natural restoration.
 Ref. 29 Journal: Rev. Ecol. (Terre Vie)
 Key: A Volume: 59 Pages : 453 - 463 Date: 2004
-
- Authors: **Laiolo P.**, Caprio E. & Rolando A.

- Title: Can forest management have season-dependent effects on bird diversity?
 Ref. 28 Journal: Biodiversity and Conservation
 Key: A Volume: 13 Pages : 1925 - 1941 Date: 2004
-
- Authors: **Laiolo P.**, Dondero F., Ciliento E., Rolando A.
 Title: Consequences of pastoral abandonment for the structure and diversity of the alpine avifauna
 Ref. 27 Journal: Journal of Applied Ecology
 Key: A Volume: 41 Pages : 294 - 304 Date: 2004
-
- Authors: **Laiolo P.**
 Title: Diversity and structure of the bird community overwintering in the Himalayan subalpine zone: is conservation compatible with tourism?
 Ref. 26 Journal: Biological Conservation
 Key: A Volume: 115 Pages : 251 - 262 Date: 2004
-
- Authors: **Laiolo P.**, Rolando A. & Valsania V.
 Title: Responses of birds to the natural re-establishment of wilderness in montane beechwoods of North-western Italy.
 Ref. 25 Journal: Acta Oecologica 0 Libro
 Key: A Volume: 25 Pages : 129 - 136 Date: 2004
-
- Authors: Lorenzi M.C., Sledge M.F., **Laiolo P.**, Sturlini E. & Turillazzi S.
 Title: Cuticular hydrocarbon dynamics in young adult *Polistes dominulus* (Hymenoptera: Vespidae) and the role of straight-chained hydrocarbons in nestmate recognition systems.
 Ref. 24 Journal: Journal of Insect Physiology
 Key: A Volume: 50 Pages : 935 - 941 Date: 2004
-
- Authors: Borghesio L. & **Laiolo P.**
 Title: Habitat use and feeding ecology of Kulal White-eye *Zosterops kulalensis*.
 Ref. 23 Journal: Bird Conservation International
 Key: A Volume: 14 Pages : 11 - 24 Date: 2004
-
- Authors: Borghesio L. & **Laiolo P.**
 Title: Seasonal foraging ecology in a northern Kenya forest avifauna.
 Ref. 22 Journal: Journal of Tropical Ecology
 Key: A Volume: 20 Pages : 145 - 155 Date: 2004
-
- Authors: **Laiolo P.**
 Title: Ecological and behavioural divergence by foraging Red-billed and Alpine Choughs (*Pyrrhocorax pyrrhocorax* and *P. graculus*) in the Himalayas.
 Ref. 21 Journal: Ardea 0 Libro
 Key: A Volume: 91 Pages : 273 - 277 Date: 2003
-
- Authors: **Laiolo P.**, Caprio E. & Rolando A.
 Title: Effects of logging and non-native tree proliferation on the birds overwintering in the upland forests of north-western Italy
 Ref. 20 Journal: Forest Ecology and Management
 Key: A Volume: 179 Pages : 441 - 454 Date: 2003
-
- Authors: **Laiolo P.** & Rolando A.
 Title: The evolution of vocalisations in the genus *Corvus*: effects of phylogeny, morphology and habitat.
 Ref. 19 Journal: Evolutionary Ecology
 Key: A Volume: 17 Pages : 111 - 123 Date: 2003
-
- Authors: **Laiolo P.** & Rolando A.
 Title: Comparative analysis of the rattle calls in *Corvus* and *Nucifraga*: the effect of body size, bill size, and phylogeny.
 Ref. 18 Journal: The Condor
 Key: A Volume: 105 Pages : 139 - 144 Date: 2003
-
- Authors: Rolando A., **Laiolo P.** & Carisio L.
 Title: Urbanisation and the flexibility of the foraging ecology of the alpine chough *Pyrrhocorax graculus* in winter.
 Ref. 17 Journal: Rev. Ecol. (Terre Vie)
 Key: A Volume: 58 Pages : 337 - 352 Date: 2003
-
- Authors: **Laiolo P.** & Rolando A.
 Title: The begging call of the Red-billed Chough: an analysis of its spectrotemporal variability.
 Ref. 16 Journal: Ardea
 Key: A Volume: 90 Pages : 139 - 147 Date: 2002
-
- Authors: **Laiolo P.**

- Title: Effects of habitat structure, floristic composition and diversity on a forest bird community in north-western Italy.
 Ref. 15 Journal: Folia Zoologica
 Key: A Volume: 51 Pages : 121 - 128 Date: 2002
-
- Authors: **Laiolo P.** & Rolando A.
 Title: A comparative analysis of the breeding biology of the Chough *Pyrrhocorax pyrrhocorax* and the Alpine Chough *P. graculus* coexisting in the Alps.
 Ref. 14 Journal: Ibis
 Key: A Volume: 143 Pages : 33 - 40 Date: 2001
-
- Authors: **Laiolo P.** & Rolando A.
 Title: Ecogeographic correlates of morphometric variation in the Chough *Pyrrhocorax pyrrhocorax* and the Alpine Chough *Pyrrhocorax graculus*
 Ref. 13 Journal: Ibis
 Key: A Volume: 143 Pages : 602 - 616 Date: 2001
-
- Authors: **Laiolo P.**, Rolando A., Delestrade A. & De Sanctis A.
 Title: Geographic variation in the calls of the Choughs.
 Ref. 12 Journal: The Condor
 Key: A Volume: 103 Pages : 287 - 297 Date: 2001
-
- Authors: **Laiolo P.**, Rolando A., Delestrade A. & A. De Sanctis.
 Title: Geographic diversification in the call repertoire of the genus *Pyrrhocorax* (Aves, Corvidae).
 Ref. 11 Journal: Can. J. Zool.
 Key: A Volume: 79 Pages : 1568 - 1576 Date: 2001
-
- Authors: Palestini C., Rolando A. & **Laiolo P.**
 Title: Allometric relationship and character evolution in *Onthophagus taurus* (Coleoptera: Scarabaeidae).
 Ref. 10 Journal: Can. J. Zool.
 Key: A Volume: 78 Pages : 1199 - 1206 Date: 2000
-
- Authors: Rolando A., Caldoni R., de Sanctis A. & **Laiolo P.**
 Title: Vigilance and neighbour distance in foraging flocks of Choughs, *Pyrrhocorax pyrrhocorax*.
 Ref. 9 Journal: J. Zool. Lond
 Key: A Volume: 252 Pages : 225 - 232 Date: 2000
-
- Authors: Rolando A., **Laiolo P.** & Conti A.
 Title: Topographical constraints, space availability, location of foraging and nesting sites and the ranging behaviour of the Alpine Chough (*Pyrrhocorax graculus*) in summer.
 Ref. 8 Journal: Rev. Ecol. (Terre Vie)
 Key: A Volume: 55 Pages : 383 - 394 Date: 2000
-
- Authors: **Laiolo P.**, Palestini C. & Rolando A.
 Title: A study of Choughs' vocal repertoire: variability related to individuals, sexes and ages.
 Ref. 7 Journal: J. Ornithol.
 Key: A Volume: 140 Pages : 1- 12 Date: 2000
-
- Authors: **Laiolo P.** & Rolando A.
 Title: The diet of the Chough (*Pyrrhocorax pyrrhocorax*) and the Alpine Chough (*Pyrrhocorax graculus*): seasonality, resource partitioning and population density.
 Ref. 6 Journal: Rev. Ecol. (Terre Vie)
 Key: A Volume: 54 Pages : 133 - 147 Date: 1999
-
- Authors: **Laiolo P.**, Bignal E. M. & Patterson I. J
 Title: The dynamics of parental care in Choughs (*Pyrrhocorax pyrrhocorax*).
 Ref. 5 Journal: J. Ornithol.
 Key: A Volume: 139 Pages : 297 - 305 Date: 1998
-
- Authors: Rolando A. & **Laiolo P.**
 Title: A comparative analysis of the diets of the Chough *Pyrrhocorax pyrrhocorax* and the Alpine Chough *Pyrrhocorax graculus* co-existing in the Alps.
 Ref. 4 Journal: Ibis
 Key: A Volume: 139 Pages : 388 - 395 Date: 1997
-
- Authors: Rolando A., **Laiolo P.** & Formica M.
 Title: A comparative analysis of the foraging behaviour of the Chough (*Pyrrhocorax pyrrhocorax*) and the Alpine Chough (*Pyrrhocorax graculus*) co-existing in the Alps

- Ref. 3 Journal: Ibis
 Key: A Volume: 139 Pages : 461 - 467 Date: 1997
-
- Authors: Rolando A., **Laiolo P.** & Formica M.
 Title: The influence of flocking on the foraging behaviour of the Chough (*Pyrrhocorax pyrrhocorax*) and the Alpine Chough (*Pyrrhocorax graculus*) co-existing in the Alps
- Ref. 2 Journal: J. Zool. Lond
 Key: A Volume: 242 Pages : 299 - 308 Date: 1997
-
- Authors: Rolando A. & **Laiolo P.**
 Title: Habitat selection of the Hooded and Carrion crows in the Alpine Hybrid Zone
- Ref. 1 Journal : Ardea
 Key: A Volume: 82 Pages : 193 - 200 Date: 1994
-

Conferences Since 2004

-
- Authors: Laiolo P.
 Title: Monitoring the effects of ski resorts on wildlife
 Contribution: oral - INVITED SPEAKER
 Conference: 'Nature and Tourism, a Tool for Sustainability'
 Locality: Rovaniemi (Finland)
 Date: 2007
-
- Authors: Laiolo P., Rolando A., Delestrade A. & A. De Sanctis.
 Title: Macrogeographic variability in chough morphology and calls
 Contribution: oral - INVITED SPEAKER
 Conference: 2nd International Workshop on the Conservation of the Chough.
 Locality: Ayr (UK)
 Date: 2007
-
- Authors: Laiolo P., E. Banda, J.A. Lemus, J.I. Aguirre & G. Blanco.
 Title: Behavioral responses and individual variations in susceptibility to the stress of predation in the red-billed chough *Pyrrhocorax Pyrrhocorax*.
 Contribution: oral - INVITED SPEAKER
 Conference: 2nd International Workshop on the Conservation of the Chough.
 Locality: Ayr (UK)
 Date: 2007
-
- Authors: Laiolo P.
 Title: A comparison of land use and bird communities in an Italian agroecosystem
 Contribution: poster
 Conference: Mediterranean Vertebrate Ecology Symposium
 Lugar celebración: Montpellier (France)
 Date: 2004
-
- Authors: Laiolo P., Tella J.L.
 Title: Geographic variation in the vocalisations of Dupont's Lark *Chersophilus duponti* in Spain: evolutionary and ecological implications
 Contribution: oral
 Conference: Ecology of steppeland birds
 Locality: Lleida (Spain)
 Date: 2004
-
- Authors: Laiolo P., Vogeli M, Serrano D, Tella JL
 Title: Song diversity predicts the viability of fragmented bird populations
 Contribution: oral - INVITED SPEAKER
 Conference: 2ª Jornada de Conservación de la Diversidad Biológica
 Locality: A Coruña (Spain)
 Date: 2009
-
- Authors: Leandro Meléndez, Jesús Angel Lemus, Guillermo Blanco, Mónica García, María José Bañuelos & Paola Laiolo
-

Title: Abundance and immunocompetence of alpine passerines in the Cantabrian Mountains: potential impact of climate change.

Contribution: oral

Conference: 18th Conference of the European Bird Census Council

Locality: Caceres (Spain)

Date: 2010

Authors: García M., Meléndez L., Laiolo P.

Title: Climatic, topographic, local habitat and landscape determinants of the snowfinch and the alpine accentor occurrence in the Picos de Europa National Park, Cantabrian Mountains

Contribution: poster

Conference: 18th Conference of the European Bird Census Council

Locality: Caceres (Spain)

Date: 2010

Authors: Paola Laiolo

Title: ¿Cómo de vírgenes son los hábitats de montaña?

Contribution: Plenary- INVITED SPEAKER

Conference: SEO

Locality: Lleida, Tremp (Spain)

Date: 2010

Authors: Leandro Meléndez, Oscar Magaña, Marta Lomas, Mónica García, Natalia Juárez, Gerardo Jiménez, Roberto Cabria, & Paola Laiolo

Title: Biometría y dimorfismo sexual acentuado en el bisbita ribereño-alpino (*Anthus spinoletta*)

Contribution: poster

Conference: SEO

Locality: Lleida, Tremp (Spain)

Date: 2010

Authors: Laiolo P., Melendez L, Lemus JA, Banco G, Lomas M, Juarez N, Magaña O, Garcia M, Jimenez G.

Title: Biotic and abiotic factors affecting the eco-physiology of alpine birds along altitudinal gradients.

Contribution: Oral.

Conference: 8th Conference of the European Ornithologists' Union 27–30

Locality: Riga, Lettonia

Date: 2011

Authors: Palmero A.M, Illera J.C., Laiolo P.

Title: Song characterization in the spectacled warbler (*Sylvia conspicillata*): a circum-Mediterranean species with a complex song structure.

Contribution: Poster

Conference : XXIII meeting of the International Bioacoustics Council (IBAC),

Locality: La Rochelle, France

Date: 2011

Authors: Paola Laiolo

Title: Ecology and Conservation of Alpine Birds

Contribution: Plenary- INVITED SPEAKER

Conference: EBCC - European Bird Census Council

Locality: Cluj, Romania

Date: 2013

Authors: Paola Laiolo

Title: Patterns and processes in bird communities from alpine environments

Contribution: Plenary- INVITED SPEAKER

Conference: EOU – European Ornithologist Union

Locality: Badajoz, Spain

Date: 2015

Student tutoring

Monica Garcia Lozano (2010) : “Hábitat del bisbita alpino (*Anthus spinoletta*) y de la collalba gris (*Oenanthe oenanthe*) en el Parque Nacional de los Picos de Europa”. Universidad Autónoma de Madrid
Violetta de Luca, Leonardo fellow (2011)) from Università dell’Aquila (Italy)
Miriam Martini, Erasmus Placement fellow (2013) from Università di Torino (Italy)
Massimo Brunetti, Erasmus Placement fellow (2013) from Università di Torino (Italy)
Fabrizio dell’Anna, Erasmus Placement fellow (2015) from Università di Torino (Italy)

DEA/ MASTER tutoring (M SC):

- Roggia Yari 2008: “Evolución de la comunicación acústica en el género *Galerida*”. University of Turin (Italia)
- Jiménez Gerardo 2009. Efectos de las actividades turísticas sobre la distancia de huida de las aves alpinas. Universidad Pablo Olavide de Sevilla.
- Gutiérrez Gloria 2010. El urogallo (*Tetrao urogallus cantabricus*) como indicador de diversidad de aves forestales en la Cordillera Cantábrica. Universidad Pablo Olavide de Sevilla.
- Juárez Natalia 2010. Gradientes altitudinales de diversidad de aves en el Parque Nacional de los Picos de Europa: determinantes ambientales y climáticos. Universidad Pablo Olavide de Sevilla.
- Lomas Marta 2010. Variación geográfica y climática de la biometría del bisbita alpino, *Anthus spinoletta* y la collalba gris, *Oenanthe oenanthe*, en el oriente de la Cordillera Cantábrica. Universidad Pablo Olavide de Sevilla.
- Meléndez Leandro 2010. Abundancia e inmunocompetencia en paseriformes alpinos de la Cordillera cantábrica: potencial impacto del cambio climático. Universidad de Oviedo
-Giulia Bastianelli, 2012. Variación de las señales sexuales del bisbita alpino *Anthus spinoletta* en gradientes altitudinales. Universidad Pablo Olavide de Sevilla

PhD Students (in course):

Giulia Bastianelli, FPI fellow.

Past PhD Students:

2012-2014: Ana María Palmero, FPU fellow, codirected with Juan Carlos Illera.

TEACHING :

• **Università di Torino**

- 1994/1995 y 1995/1996: Laboratorio di Zoologia
- 1996/1997: Laboratorio di Biologia Sperimentale
- 2000/2001: Ecología della Fauna Alpina

- Master de “Biodiversidad y Biología de la Conservación” **Universidad Pablo Olavide:** 2008/2009; 2009/2010; 2010/2011; 2011/2012; 2012/2013; 2013/2014
- Master “Biología Aplicada a la Sostenibilidad de Recursos Naturales” **Universidad de Oviedo:** 2008/2009; 2009/2010.
- Máster “Cambio Global” **Universidad de Almería :** 2011/2012
- Course “Impacto ambiental, Conservación y Manejo de recursos” - **Universidad de Oviedo** (Associate Professor, 6 credits): 2011/2012
- Course “Methods in Behavioural Ecology” – **Università di Torino** (Visiting Professor, 8 credits): 204/2015