

*Cristina Giacomini, born 27 Aprile 1954 in Torino, Italy, Degree in Biology in 1977 with top marks (110/110).*

***Academic positions:***

*1977-1981. Lecture assistant of Comparative Anatomy and Anthropology,*

*1981-1983. Lecture of Zoology at the University of Calabria.*

*1983-1986. Researcher permanent position at Dipartimento di Biologia Animale University of Torino.*

*1987-1999 Associate Professor of Vertebrate Zoology at Dipartimento di Biologia Animale, University of Torino.*

*2000- up to date Full Professor of Animal Behaviour at Dipartimento di Biologia Animale e dell'Uomo, University of Torino. She teaches animal behaviour course at psychology and biology students.*

*2000 – 2010 full member of PhD program on "Evolutionary Biology and conservation of Biodiversity" of Torino University.*

*2003-2006 - Dean of Natural History Course*

*2006- up to 2012 Dean of the master in Ethology*

*2013- 2015 Deputy director of the Department of "Life History and System biology"*

*2015- up to date Director of the Department of "Life History and System biology"*

***International educational project***

*She promoted and coordinated the following projects:*

*" Promozione di attività formative inerenti la "Conservazione della biodiversità" presso l'Università di Mahajanga (Madagascar). " granted by D.M. 8.05.2001 n.115 - art. 10 Internazionalizzazione del Sistema Universitario.*

*Ethologie granted by University italo-francese, bando 2004 capitolo 1.*

*"Ethology" granted by D.M. 5.08.2004 n. 262 - art. 23*

*Internazionalizzazione del Sistema Universitario: she formalised the cooperation agreement with the University of Paris XIII (France) and Lisbon (Portugal).  
the University of Strasbourg (France) and Mahajanga (Madagascar)*

**Project Prot. CII09QVTHP "Sviluppo sostenibile e conservazione della biodiversità in Madagascar e Comore" financed by MINISTERO DELL'ISTRUZIONE DELL'UNIVERSITA' E DELLA RICERCA COOPERAZIONE INTERUNIVERSITARIA INTERNAZIONALE - A.F. 2009**

***International agreement of cooperation:***

*She coordinate the research agreement of Torino University with:*

- 1) the Madagascar Universities of Antananarivo, Tamatave e Mahajanga*
- 2) University of Comoros*
- 3) University of Tongren (China)*
- 4) Fangjinshan National Nature Reserve (China)*

***Activities and societies:***

*She is Council member of Unione Zoologica Italiana,*

*She was:*

*President of the Italian Primatological Society API.*

*National coordinator of DAPTF (Declining Amphibian Populations Task Force),*

*Council member of the following scientific societies: Società Italiana di Etologia and Associazione Alessandro Ghigi per la biologia e la conservazione dei Vertebrati.*

*Honorary member of the "International Primatological Society", member of the "International Society for Sea Turtle Conservation and biology", Unione Zoologica Italiana, Società Italiana di Etologia, Societas Herpetologica Italica, Associazione Alessandro Ghigi per la biologia e la conservazione dei Vertebrati, Società Italiana di Biogeografia, Associazione Italiana Naturalisti, Ordine dei Biologi.*

*Scientific meetings*

*She was the main organiser of 2 international meetings:*

*1 III Triturus Meeting. San Benedetto Ullano (CS), 22-24 settembre 1988.*

*2 XX Congress of the International Primatological Society. Torino, Italy, 22-28 August 2004*

*and 4 national meetings:*

*1 I Congresso della Societas Herpetologica Italica. 2-6 ottobre 1996 Torino.*

*2 II Convegno Nazionale "Salvaguardia anfibi". Morbegno (Sondrio), 1997.*

*3 XII Convegno Associazione Primatologica Italiana. 16-19 aprile 1997 Torino.*

*4 XX Convegno Società Italiana di Etologia. 17-20 settembre 2002 Torino.*

*She participated as a member of the scientific committee to the organisation of a number of international and national congress, and regularly to the API Associazione Primatologica Italiana, SHI Societas Herpetologica Italica, SIE meetings. She contributed with talks or posters to more than 20 international meetings and more than 100 national meetings. She gave invited lectures to more than 10 meetings.*

*Editing activity for scientific journals:*

*She is -editor of the Italian Journal of Zoology and she referees for many journals of evolutionary biology, behaviour, zoology and herpetology. E.g. "Alytes" (Parigi), "Amphibia-Reptilia" (Leiden), "Journal of Herpetology" (Athens, Ohio), "Bollettino del Museo regionale di Scienze naturali di Torino", "Italian Journal of Zoology", "Copeia" (Lawrence, Kansas), "Ecology, Ethology and Evolution", "The Herpetological Journal" (Londra), "Miscellanea Zoologica" (Barcellona), "Proceedings Biological Sciences of the Royal Society of London" (Londra), ecc.*

*Scientific consultancy.*

*She participated as expert in ethology and conservation at:*

- 1. Scientific board of Wilderness in Regione Piemonte (1995-1998 e 2006-2009)*
- 2. Scientific board of Fondazione Bioparco di Roma (Roma Zoo) 2004-2007*
- 3. Scientific board of Torino Natural history Museum (2006-2009)*
- 4. Invited expert by DG Fishery of EU Commission at "Working Group SGRST-SGFEN-05-01 concerning the by-catch of sea-turtles in the EU",*

*Research: Main scientific interests are the evolution of reproductive behaviour, its biological basis and the communication processes involved. She worked on Amphibians, Reptiles and Primates conservation. She gave relevant contribution at the international level in promoting the study of the*

evolution of behaviour by phylogenetic analysis (e.g. Giacoma e Balletto, 1988), the study of microevolution mechanisms by studying geographic variability (e.g. Giacoma e Castellano, 2001), conservation biology (e.g. Piovano et al., 2009), ethical issue in research (e.g. Pollo e Giacoma, 2009), the experimental studies of female choice based on acoustic signals (e.g. Castellano e Giacoma, 1998; Rosso, Castellano, Giacoma 2006) and conservation biology in Europe, Africa and Asia.

*From 1994 she established a bioacoustic laboratory at Dip. di Biologia equipped with the softwares and instruments necessary for vocalisations analysis and the production of synthetic signals for mate choice experiments. Visiting professors of the lab were the major international experts of sexual selection by acoustic cues as Carl Gerhardt, University of Missouri USA, Mike Ryan and Walt Wilczinski University of Texas at Austin, USA.*

*She was invited to present the results of the studies on evolution of vocal communication in Bufo viridis as a main lecture at the Conference of American Herpetological Societies, Guelph (Giacoma Cristina and Castellano Sergio, Evolutionary aspects of mating call variation in the diploid-tetraploid Bufo viridis complex come. Abstract 78° Conference American Society of Ichthyologists and Herpetologists : 236). Further studies on mate choice mechanisms of Hyla have been undertaken more recently.*

*She studied conservation biology of Amphibians, Reptiles, Mammals and specifically primates. Publications: She published more than 100 full papers in scientific journals with peer referees. She presented 22 contributions to international meetings and 153 to national meetings.*

*Collaborations: among others Michael Ryan, University of Texas at Austin, USA; Roger Stephen Thorpe; University Bangor UK; Walter Wilczinski, University of Texas at Austin, USA, Pierre Joly, Université Claude Bernard - Lyon 1, Francia; T.R.Halliday, Open University, UK, Lorenzo Colombo, Università di Padova, Francesco Dessì Fulgheri, Università di Firenze, Concetta Lupo, Università di Siena; Giancarlo Panzica, Università di Torino; Nicola Saino, Università di Milano, Massimo Mazzini, università La Tuscia etc.*

## FELLOWSHIPS AND GRANTS.

INTERNATIONAL PROJECTS. National Oceanic & Atmospheric Administration USA NOAA 2005-09 Partner of the Italia-USA project granted by NOAA "Field Trials to Evaluate Loggerhead Sea Turtle (*Caretta caretta*) By-catches in Longline Fishing Gear: a Test of Circle Hooks in a Mediterranean Swordfish Fishery.

## EUROPEAN PROJECTS

*As national coordinator she participated to 2 european projects granted by INTAS (International Association for the promotion of co-operation with scientists from the New Independent States of the former Soviet Union), concerning on conservation of Herpetofauna biodiversity in 2 asiatic areas under a strong human impact:*

*1 The nuclear polygon of Semipalatinsk in Kazakhstan 2-years grant to study "Environmental effects on Amphibians and Reptiles in severely polluted or destroyed habitats of Kazakhstan" INTAS-KAZAKHSTAN 95-0016 (Coordinator Prof. Cristina Giacoma). Semipalatinsk area in Kazakhstan 1995.*

*2 Aral lake (Uzbekistan). 3-years grant Europeo INTAS "Aral Sea 2000-1018" "The present state of the Aral Sea Basin herpetofauna and implications for conservation of natural habitats and biodiversity".*

*Partner coordinator of 3 European LIFE project on Conservation of Caretta caretta in the Mediterranean sea,*

*1 "Azioni urgenti di conservazione di Caretta caretta nelle isole Pelagie" (LIFE-NATURA 1999 NAT/IT/006271*

*2 "Riduzione impatto attività umane su Caretta e tursiope e loro conservazione in Sicilia" Del.Ta. (LIFE03 NAT/IT/000163)*

*3 "TARTANET - Un network per la conservazione delle tartarughe marine in Italia" Tartanet (LIFE04 NAT/IT/000187)*

*4 and as survey coordinator to the European project LIFE00 NAT/IT/007233 "Pelobates project in the Ticino Valley Natural Park of Piedmont".*

Coordinator of the beneficiary (Dept. Biologia animale e dell'Uomo – Università di Torino) of 2 European projects on biodiversity conservation in Madagascar.

Projet SCORE « Supporting Cooperation for Research and Education » (31/12/2008 – 31/12/2011) financed by an ACP-UE cooperation agreement by Contrat n. ACP RPR 118 # 36.

Projet B.I.R.D project “Biodiversity integration and Rural Development” is financed by an ACP-UE cooperation agreement by contract FED/2009/217077.

#### **NATIONAL PROJECTS**

COFIN/PRIN She was national coordinator of the project “Evolution of female reproductive strategies” granted by COFIN 2001.

She is coordinator of the project “*Synthetic musk fragrances toxic effects on Amphibians*” included in the national project “Emerging contaminants in the aquatic environment: eco- and physio-toxicological study to assess the effects of synthetic musk fragrances in aquatic species” granted by COFIN 2007.

*Coordinator of MIUR 60% or equivalent grants every year starting from 1993 until 2007*

#### **LOCAL PROJECT**

*Coordinator of 2 Regione Piemonte research projects CIPE:*

*2003-2004 "Bioindicators applied to waterbodies in agriculture area"*

*2004-2005 "Evaluation of immunodepressive effects by xenobiotic present in waterbodies".*

*Coordinator of many projects of biodiversity conservation in, Calabria, Sicilia, Province of Torino, la comunità montana "Valli Chisone e Germanasca" prov. TO, Parco Nazionale dei Nebrodi (Sicilia), Parco Nazionale del Pollino (Calabria), Parco Nazionale del Gran paradiso (Piemonte), more in Piemonte: il Parco regionale del Ticino piemontese, il Parco regionale di Avigliana, Parco regionale e riserve naturali del Canavese, il parco di Candia, municipality of Grugliasco TO e la riserva naturale orientata del Moggetto (Genova) etc.*

*Projects granted by public and private organisations: Museo Regionale di Scienze Naturali di Torino, Museo Civico di Storia Naturale di Verona, Museo Tridentino di scienze Naturali, Museo Civico di Storia Naturale di Trieste, Parco Natura Viva in prov. di Verona, Azienda Acquedotto Municipale di Torino, LAV (Laboratorio Analisi Veterinarie) in TO, ASL 4 di TO etc.*

## A selected list of recent publications (from 2010 until now):

32. 2012 Nurhayat Özdemir, Abdullah Altunisik, Tugba Ergül, Serkan Gül, Murat Tosunoglu, Giorgia Cadeddu, Cristina Giacomina (2012). Variation in body size and age structure among three Turkish populations of the treefrog *Hyla arborea*. *AMPHIBIA-REPTILIA*, vol. 33, p. 25-35, ISSN: 0173-5373, doi: 10.1163/156853811X619790 **Impact Factor: 0,68, Ranking: 111/151. Subject Category: ZOOLOGY**
33. 2011 SUSANNA PIOVANO, YAKUP KASKA, ELENA PRAZZI, STEFANO NANNARELLI, CRISTINA GIACOMA (2011). Low incidence of twinning in the loggerhead sea turtle. *FOLIA ZOOLOGICA*, vol. 60, p. 159-166, ISSN: 0139-7893 **Impact Factor: 0,554, Ranking: 118/146. Subject Category: ZOOLOGY**
34. 2011 Marracci Silvia, Michelotti Valentina, Casola Claudio, Cristina Giacomina, Matilde Raghianti (2011). Daz- and Pumilio-Like Genes Are Asymmetrically Localized in Pelophylax (*Rana*) Oocytes and Are Expressed During Early Spermatogenesis. *JOURNAL OF EXPERIMENTAL ZOOLOGY. PART B, MOLECULAR AND DEVELOPMENTAL EVOLUTION*, vol. 316B, p. 330-338, ISSN: 1552-5015, doi: 10.1002/jez.b.21405 **Impact Factor: 2,416, Ranking: 17/146. Subject Category: ZOOLOGY**
35. 2013 Marcel Clusa, Carlos Carreras, Marta Pascual, Stephen J. Gaughran, Susanna Piovano, Cristina Giacomina, Gloria Fernández, Yaniv Levy, Jesús Tomás, Juan Antonio Raga, Fulvio Maffucci, Sandra Hochscheid, Alex Aguilar, Luis Cardona (2013). Fine-scale distribution of juvenile Atlantic and Mediterranean loggerhead turtles (*Caretta caretta*) in the Mediterranean Sea. *MARINE BIOLOGY*, vol. -, ISSN: 0025-3162, doi: 10.1007/s00227-013-2353-y **Impact Factor: 2,468, Ranking: 18/100. Subject Category: MARINE & FRESHWATER BIOLOGY**
36. 2011 Susanna Piovano, Marcel Clusa, Carlos Carreras, Cristina Giacomina, Marta Pascual, Luis Cardona (2011). Different growth rates between loggerhead sea turtles (*Caretta caretta*) of Mediterranean and Atlantic origin in the Mediterranean Sea. *MARINE BIOLOGY*, vol. 158, p. 2577-2587, ISSN: 0025-3162, doi: 10.1007/s00227-011-1759-7 **Impact Factor: 2,276, Ranking: 18/97. Subject Category: MARINE & FRESHWATER BIOLOGY**
37. 2010 Susanna PIOVANO, Simona CLÒ, Cristina GIACOMA (2010). Reducing longline bycatch: the larger the hook, the fewer the stingrays. *BIOLOGICAL CONSERVATION*, vol. 143, p. 261-264, ISSN: 0006-3207, doi: 10.1016/j.biocon.2009.10.001 **Impact Factor: 3,498, Ranking: 20/193. Subject Category: ENVIRONMENTAL SCIENCES**
38. 2010 Luca Pozzi, Marco Gamba, Cristina Giacomina (2010). The use of artificial neural networks to classify primate vocalizations: a pilot study on black lemurs. *AMERICAN JOURNAL OF PRIMATOLOGY*, vol. 72, p. 337-348, ISSN: 0275-2565, doi: 10.1002/ajp.20786 **Impact Factor: 1,98, Ranking: 25/145. Subject Category: ZOOLOGY**
39. 2012 Cadeddu G., Giacomina C., Castellano S. (2012). Sexual size dimorphism in the Tyrrhenian tree frog: a life-history perspective. *JOURNAL OF ZOOLOGY*, vol. 286, p. 285-292, ISSN: 0952-8369, doi: 10.1111/j.1469-7998.2011.00878.x **Impact Factor: 2,043, Ranking: 29/151. Subject Category: ZOOLOGY**
40. 2010 Cristina Giacomina, Viviana Sorrentino, Clement Rabarivola, Marco Gamba (2010). Sex Differences in The Song of *Indri indri*. *INTERNATIONAL JOURNAL OF PRIMATOLOGY*, vol. 31, p. 539-551, ISSN: 0164-0291 **Impact Factor: 1,793, Ranking: 31/145. Subject Category: ZOOLOGY**
41. 2012 Marco Gamba, Olivier Friard, Cristina Giacomina (2012). Vocal Tract Morphology Determines Species-Specific Features in Vocal Signals of Lemurs (*Eulemur*). *INTERNATIONAL JOURNAL OF PRIMATOLOGY*, vol. 33, p. 1453-1466, ISSN: 0164-0291, doi: 10.1007/s10764-012-9635-y **Impact Factor: 1,786, Ranking: 38/151. Subject Category: ZOOLOGY**
42. 2012 Susanna Piovano, Giovanni Basciano, Yonat Swimmer, Cristina Giacomina (2012). Evaluation of a bycatch reduction technology by fishermen: A case study from Sicily. *MARINE POLICY*, vol. 36, p. 272-277, ISSN: 0308-597X, doi: 10.1016/j.marpol.2011.06.004 **Impact Factor: 2,23, Ranking: 5/83. Subject Category: INTERNATIONAL RELATIONS**
43. 2014 Claudio Angelini, Giuseppe Sotgiu, Giulia Tessa, Jon Bielby, Stefano Doglio, Marco Favelli, Trenton WJ Garner, Enrico Gazzaniga, Cristina Giacomina, Stefano Bovero (2014). Environmentally determined juvenile growth rates dictate the degree of sexual size dimorphism in the Sardinian brook newt. *EVOLUTIONARY ECOLOGY*, p. 1-16, ISSN: 0269-7653, doi: 10.1007/s10682-014-9717-8 **Impact Factor: 2,407, Ranking: 56/136. Subject Category: ECOLOGY**
44. 2014 Giovanna Bonadonna, Valeria Torti, Rose Marie Randrianarison, Nicole Martinet, Marco Gamba, Cristina Giacomina (2014). Behavioral correlates of extra-pair copulation in *Indri indri*. *PRIMATES*, vol. 55, p. 119-123, ISSN: 0032-8332, doi: 10.1007/s10329-013-0376-0 **Impact Factor: 1,292, Ranking: 57/151. Subject Category: ZOOLOGY**
45. 2012 Papale E., Azzolin M., Giacomina C. (2012). Vessel traffic affects bottlenose dolphin (*Tursiops truncatus*) behaviour in waters surrounding Lampedusa island, south Italy. *JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM*, vol. 92, p. 1877-1885, ISSN: 0025-3154, doi: 10.1017/S002531541100083X **Impact Factor: 1,023, Ranking: 63/100. Subject Category: MARINE & FRESHWATER BIOLOGY**
46. 2013 Papale Elena, Azzolin Marta, Cascão Irma, Gannier Alexandre, Lammers Marc, Martin Vidal, Oswald Julie, Perez-Gil Monica, Prieto Rui, Silva Monica, Giacomina Cristina (2013). Acoustic divergence between bottlenose dolphin whistles from the Central-Eastern North Atlantic and Mediterranean Sea. *ACTA ETHOLOGICA*, p. 1-11, ISSN: 0873-9749, doi: 10.1017/s10211-013-0172-2 **Impact Factor: 1,147, Ranking: 64/151. Subject Category: ZOOLOGY**
47. 2012 Piovano S., Farcomeni A., Giacomina C. (2012). Effects of chemicals from longline baits on the biting behaviour of loggerhead sea turtles. *AFRICAN JOURNAL OF MARINE SCIENCE*, vol. 34, p. 283-287, ISSN:

- 1814-232X, doi: 10.2989/1814232X.2012.675126 **Impact Factor: 0,932, Ranking: 68/100. Subject Category: MARINE & FRESHWATER BIOLOGY**
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48. 2013 PAPALE Elena, AZZOLIN Marta, CASCAO Irma, GANNIER Alexandre, LAMMERS Marc, MARTIN Vidal, OSWALD Julie, PEREZ-GIL Monica, PRIETO Rui, SILVA Monica, GIACOMA Cristina (2013). Macro and micro geographic variation of short-beaked common dolphin's whistles in the Mediterranean Sea and Atlantic Ocean. *ETHOLOGY ECOLOGY & EVOLUTION*, vol. 25, p. 1-13, ISSN: 0394-9370 **Impact Factor: 1,121, Ranking: 68/151. Subject Category: ZOOLOGY**
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49. 2013 Piovano S., Farcomeni A., Giacomina C. (2013). Do colours affect biting behaviour in loggerhead sea turtles?. *ETHOLOGY ECOLOGY & EVOLUTION*, vol. 25, p. 12-20, ISSN: 0394-9370, doi: 10.1080/03949370.2012.711777 **Impact Factor: 1,121, Ranking: 68/151. Subject Category: ZOOLOGY**
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50. 2012 Claudia BRACCIALI, Daniela CAMPOBELLO, Cristina GIACOMA, Gianluca SARÀ (2012). Effects of Nautical Traffic and Noise on Foraging Patterns of Mediterranean Damselfish (*Chromis chromes*). *PLOS ONE*, vol. 7, ISSN: 1932-6203, doi: 10.1371/journal.pone.0040582 **Impact Factor: 3,73, Ranking: 7/56. Subject Category: MULTIDISCIPLINARY SCIENCES**
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51. 2010 Giovanna Maretti, Viviana Sorrentino, Andriamasitoloy Finomana, Marco Gamba, Cristina Giacomina (2010). Not just a pretty song: an overview of the vocal repertoire of Indri indri. *JOURNAL OF ANTHROPOLOGICAL SCIENCES*, vol. 88, p. 151-165, ISSN: 1827-4765 **Impact Factor: 2, Ranking: 7/76. Subject Category: ANTHROPOLOGY**
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52. 2010 Marco Gamba, Cristina Giacomina (2010). Key issues in the study of primate acoustic signals, an update. *JOURNAL OF ANTHROPOLOGICAL SCIENCES*, vol. 88, p. 215-220, ISSN: 1827-4765 **Impact Factor: 2, Ranking: 7/76. Subject Category: ANTHROPOLOGY**
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53. 2010 Agnese Petraccioli, Gaetano Odierna, Orfeo Picariello, Cristina Giacomina, Emilio Balletto (2010). Karyological divergence of a Moldovan population of *Rana dalmatina* Bonaparte, 1838. *AMPHIBIA-REPTILIA*, vol. 31(3), p. 435-438, ISSN: 0173-5373, doi: 10.1163/156853810791769400 **Impact Factor: 0,976, Ranking: 72/145. Subject Category: ZOOLOGY**
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54. 2012 Marco Gamba, Camilla Colombo, Cristina Giacomina (2012). Acoustic cues to caller identity in lemurs: a case study. *JOURNAL OF ETHOLOGY*, vol. 30, p. 191-196, ISSN: 0289-0771, doi: 10.1007/s10164-011-0291-z **Impact Factor: 1, Ranking: 80/151. Subject Category: ZOOLOGY**
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55. 2013 E. Papale, M. Azzolin, I. Cascao, A. Gannier, M.O. Lammers, V.M. Martin, J. Oswald, M. Perez-Gil, R. Prieto, M.A. Silva, C. Giacomina (2013). Geographic variability in the acoustic parameters of striped dolphin's (*Stenella coeruleoalba*) whistles. *THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*, vol. 133, p. 1126-1134, ISSN: 0001-4966, doi: 10.1121/1.4774274 **Impact Factor: 1,646, Ranking: 9/31. Subject Category: ACOUSTICS**
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56. 2013 Marta Azzolin, Elena Papale, Marc O. Lammers, Alexandre Gannier, Cristina Giacomina (2013). Geographic variation of whistles of the striped dolphin (*Stenella coeruleoalba*) within the Mediterranean Sea. *THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*, vol. 134, p. 694-705, ISSN: 0001-4966, doi: 10.1121/1.4808329 **Impact Factor: 1,646, Ranking: 9/31. Subject Category: ACOUSTICS**
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57. 2011 Gamba M., Favaro L., Torti V., Sorrentino V., Giacomina C. (2011). Vocal tract flexibility and variation in the vocal output in wild indris. *BIOACOUSTICS*, vol. 20, p. 251-265, ISSN: 0952-4622, doi: 10.1080/09524622.2011.9753649 **Impact Factor: 0,895, Ranking: 90/146. Subject Category: ZOOLOGY**
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58. 2013 Tessa G., Angelini C., Bielby J., Bovero S., Giacomina C., Sotgiu G., Garner T. (2013). The pandemic pathogen of amphibians, *Batrachochytrium dendrobatidis* (Phylum Chytridiomycota), in Italy. *THE ITALIAN JOURNAL OF ZOOLOGY*, vol. 80, p. 1-11, ISSN: 1125-0003 **Impact Factor: 0,89, Ranking: 90/151. Subject Category: ZOOLOGY**
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59. 2013 V. Torti, M. Gamba, Z. H. Rabemananjara, C. Giacomina (2013). The songs of the indris (Mammalia: Primates: Indridae): contextual variation in the long-distance calls of a lemur. *THE ITALIAN JOURNAL OF ZOOLOGY*, vol. -, ISSN: 1125-0003, doi: 10.1080/11250003.2013.845261 **Impact Factor: 0,89, Ranking: 90/151. Subject Category: ZOOLOGY**
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60. 2010 D. Seglie, D. Roy, C. Giacomina (2010). Sexual Dimorphism and Age Structure in a Population of *Tylotriton verrucosus* (Amphibia: Salamandridae) from the Himalayan Region. *COPEIA*, vol. 2010, p. 600-608, ISSN: 0045-8511, doi: 10.1643/CG-08-218 **Impact Factor: 0,78, Ranking: 93/145. Subject Category: ZOOLOGY**
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61. 2014 Marta Azzolin, Alexandre Gannier, Marc O. Lammers, Julie N. Oswald, Elena Papale, Giuseppa Buscaino, Gaspere Buffa, Salvatore Mazzola, Cristina Giacomina (2014). Combining whistles acoustic parameters to discriminate Mediterranean odontocetes for their Passive Acoustic Monitoring. *THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*, vol. 134, p. 195-205, ISSN: 1520-8524
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62. 2013 Cristina Giacomina, Elena Papale, Marta Azzolin (2013). Are Land Based Surveys a Useful Tool for Managing Marine Species of Coastal Protected Areas?. *DIVERSITY*, vol. 5, p. 15-25, ISSN: 1424-2818, doi: 10.3390/d5010015
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63. 2013 Isidoro Riondato, Marco Giuntini, Marco Gamba, Cristina Giacomina (2013). Vocalization of red- and grey-shanked douc langurs (*Pygathrix nemaeus* and *P. cinerea*). *JOURNAL OF PRIMATOLOGY*, vol. 2, p. 75-82, ISSN: 1859-1434
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64. 2012 M. Gamba, V. Torti, C. Colombo, C. Giacomina (2012). Vocal Tract Modeling Techniques: From Human Voice to Non-Human Primates Vocalizations. *JOURNAL OF BIOLOGICAL RESEARCH*, vol. LXXXIV, p. 289-292, ISSN: 1826-8838
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65. 2011 Andreone F., Giacomina C., Guarino F.M., Mercurio V., Tessa G. (2011). Age profile in nine Mantella poison frogs from Madagascar, as revealed by skeletochronological analyses. *ALYTES*, vol. 27, p. 73-84, ISSN:

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66. 2010 ELENA PRAZZI, GIUSI NICOLINI, SUSANNA PIOVANO, CRISTINA GIACOMA (2010). Protezione di Caretta caretta (Reptilia Chelonia) nella Riserva Naturale di Lampedusa. *NATURALISTA SICILIANO*, vol. 34, p. 265-294, ISSN: 0394-0063
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91. . 2009 A. Bellante, M. Sprovieri, G. Buscaino, D. Salvagio Manta, G. Buffa, V. Di Stefano, A. Bonanno, M. Barra, B. Patti, C. Giacoma, S. Mazzola (2009). Trace elements and vanadium in tissues and organs of five species of cetaceans from Italian coasts. *CHEMISTRY IN ECOLOGY*, vol. 25, p. 311-323, ISSN: 0275-7540, doi: 10.1080/02757540903193155
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92. . 2009 Piovano S., Swimmer Y., Giacoma C. (2009). Are circle hooks effective in reducing incidental captures of loggerhead sea turtles in a Mediterranean longline fishery?. *AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS*, vol. 19, p. 779-785, ISSN: 1052-7613, doi: 10.1002/aqc.1021
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93. . 2009 Pollo S., Graziano M., Giacoma C. (2009). The ethics of natural history documentaries. *ANIMAL BEHAVIOUR*, vol. 77, p. 1357-1360, ISSN: 0003-3472, doi: 10.1016/j.anbehav.2009.01.022
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94. . 2008 M. Gamba, C. Giacoma (2008). Subspecific divergence in the black lemur's low-pitched vocalizations. *THE OPEN ACOUSTICS JOURNAL*, vol. 1, p. 49-53, ISSN: 1874-8376, doi: 10.2174/1874837600801010049
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95. . 2007 G. TESSA, F.M. GUARINO, C. GIACOMA, F. MATTIOLI, F. ANDREONE (2007). Longevity and body size in three populations of *Dyscophus antongilii* (Microhylidae, Dyscophinae), the tomato frog from north-eastern Madagascar. *ACTA HERPETOLOGICA*, vol. 2, p. 139-146, ISSN: 1827-9635
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96. . 2007 M. GAMBA, C. GIACOMA (2007). Quantitative acoustic analysis of the vocal repertoire of the crowned lemur.. *ETHOLOGY ECOLOGY & EVOLUTION*, vol. 19, p. 323-343, ISSN: 0394-9370
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97. . 2006 M. GAMBA, C. GIACOMA (2006). Vocal Tract Modeling In A Prosimian Primate: The Black And White Ruffed Lemur.. *ACTA ACUSTICA UNITED WITH ACUSTICA*, vol. 92, p. 749-755, ISSN: 1610-1928
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