

Curriculum Vitae et Studiorum

Personal information

Surname: Santini
First name: Luca
Address: Via Mogadiscio 12, 00199, Rome, Italy
Nationality: Italian
Date of birth: 10/07/1985
Place of birth: Ancona, Italy

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CV highlights

- PhD in Animal Biology (Sapienza University of Rome, March 2015); MSc cum laude in Natural Science (October 2010); BSc in Natural Science (July 2008)
- 9 prizes/grants/awards received from academic and non-academic institutions, both national and international
- >20 articles published in ISI-ranked journals, 4 among book sections and technical reports
- Google Scholar: H-index = 9, Total citations > 400 citations (start 2013)
- Member of international scientific societies (SCB, ATIT); reviewer of 20 international scientific journals
- Experience with academic teaching and supervision of BSc, MSc and PhD students (2013-present)
- Collaboration with researchers from more than 20 institutions worldwide
- Main research topics: Conservation Biology, Macroecology, Spatial Ecology, Behavioural Ecology
- Technical skills: R programming, GIS, statistical modelling, database management

Current and past position

- 2016 - ongoing:** Postdoctoral research fellow at Department of Environmental Science, Radboud University, Nijmegen, Netherlands.
- 2016 -** Visiting researcher at Laboratoire d'Écologie Alpine à Grenoble (France) for a research in Collaboration with Dr. Wilfried Thuiller. The period is funded by the “Brusarosco” award provided by the Italiana Ecological Society (S.It.E.) (March-July).
- 2015 - 2016 -** Postdoctoral research fellow at the Department of Biology and Biotechnology “Charles Darwin”, Sapienza University of Rome, Italy.
- 2011 - 2015 -** PhD student at the Department of Biology and Biotechnology “Charles Darwin”, Sapienza University of Rome, Italy.

Research consultancy and technical reports

- Dec 2015 - Jan 2016 -** Update on the analyses for the European project “Bioscore 2” led by Alterra - Wageningen UR (NL).
- Nov-Dec 2015 -** Research consultant for the Zoological Italian Union (UZI) for developing the methodology to be employed to estimate the species distribution and population size of the wolf (*Canis lupus*) for the Italian National Action Plan for the Wolf (2015).

2015- Present - Responsible for the analyses on mammals in the European project “How much biodiversity does Natura 2000 cover?” led by Alterra - Wageningen UR (NL).

2014- 2015 - Responsible for the analyses on mammals in the European project “Bioscore 2” led by Alterra - Wageningen UR (NL).

Education

2015 - PhD in Animal Biology, 27/3/2015, Department of Biology and Biotechnology “Charles Darwin”, Sapienza University in Rome. Thesis: "Dispersal in large-scale conservation analyses on mammals: a trait-based approach". Supervisor: Dr. Carlo Rondinini.

2010 - Masters degree in Natural Science "Nature conservation", 6/10/2010, La Sapienza University in Rome. Mark 110/110 cum laude. Thesis: "The activity pattern in *Lemur catta* and his ecological correlates in two gallery forests, south-east Madagascar". Supervisors: Dr. Giuseppe Donati (Oxford Brookes University and Pisa University) and Prof. Luigi Boitani (La Sapienza University, Rome).

2008 - Bachelor degree in Natural Science, 7/07/2008, La Sapienza University in Rome. Mark 110/110. Thesis: “The Brachininae of Italian fauna: Corology and zoogeography”. Supervisor: Prof. Augusto Vigna Taglianti.

2004 - High school diploma, 2004, Liceo Virgilio, mark 90/100.

Postgraduate courses

2014 - "International Summer School on Bayesian Modelling: An Introduction for Ecologists and Environmental Scientists”, Heathland Centre, Island of Lygra, Norway. 15-19 Sept. Lecturers: Joe Chipperfield, Florian Hartig and Jörn Pagel. Course run in partnership with and supported by University of Bergen, University of Freiburg and University of Hohenheim.

2012 - "Modelling dispersal and connectivity in fragmented landscapes", UFZ in Leipzig, Germany. 21-25 May, 2012. Lecturers: Guy Pe'er (organizer), Justin Travis, Greta Bocedi, Andreas Schmitz, Gunnar Oehmichen, Reinhard Klenke, Karin Frank, Karin Johst, Jenny Hodgson.

Spoken languages

- Italian: Mother tongue
- English: Advanced written and spoken
 - TOEFL IBT, score 107/120, 2011
 - First Certificate in English, British Institutes, 2010.
- Spanish: Intermediate written, Advanced spoken
 - Homologation certificate to Spanish high school diploma (Homologación al Título de Bachiller), Ministerio de Educación y Ciencia, 2005.
- French: Elementary, written and spoken

Computer skills

- Advanced knowledge of R programming, GRASS GIS, QGIS, Photoshop, Office, OpenOffice
- Good knowledge of PostgreSQL and BASH programming
- Elementary knowledge of Matlab and Python

Member of scientific societies:

2013-present: Society for Conservation Biology (SCB)

2014-present: Italian Theriological Society (ATIIt)

Grants and Awards

2016 - Daikin award 2016 for the best PhD thesis in Conservation Biology (2000 Euro)

2015 - ATIT Money grant to attend the workshop “The impact of climate changes on animal populations”. 9-14 November. Erice, Italy (500 Euro)

2015 - Brusarosco Award 2015 for best project of young researcher, supporting 5 months of research at Laboratoire d'Écologie Alpine in Grenoble under the supervision of Dr. Wilfried Thuiller (5000 Euro)

2015 - ECCB-ICCB Travel Reimbursement Award 2015 to attend ICCB-ECCB in Montpellier, France (250 Euro)

2014 - Grant from HarmBio for “Short Term Scientific Mission 2014” at Aberdeen University, UK (2500 Euro)

2014 - Money grant for young researchers project from Sapienza University of Rome, Italy. "Fondi di avvio alla ricerca 2014" (2000 Euro)

2013 - ATIT Best paper award 2014. “Santini et al. 2013. Ecological correlates of dispersal distance in terrestrial mammals. *It J Mamm* 24(2): 1-6” (500 Euro)

2013 - Grant from HarmBio for “Short Term Scientific Mission 2013” at Aberdeen University, UK (1800 Euro)

2011 - EFP Money grant to attend the Conference "4th EFP 2011, Almada, Portugal" (250 Euro)

2011 - API Money grant to attend the Conference "4th EFP 2011, Almada, Portugal" (250 Euro)

2011 - API award 2011 for best oral presentations (250 Euro)

2006 - "Borsa di collaborazione" 2006-2007, Department of Animal and Human Biology, Università “La Sapienza”

2005 - "Borsa di collaborazione" 2005-2006, Department of Animal and Human Biology, Università “La Sapienza”

Teaching and Supervised thesis

2016 - Marking exams and student presentations, and coaching for review assignment within the Master course “Biodiversity and ecological assessment” at Radboud University.

2016 - Lecture on “Planning and assessment of protected areas” within the Master course “Biodiversity and ecological assessment” at Radboud University.

2014 - Held a lecture on “Programming in R” to the PhD students of Environmental and Evolutionary Biology at Sapienza Università di Roma. 26 March 2014.

2012-2014 - Gave lectures concerning animal dispersal, habitat connectivity and fragmentation in the Master course in Conservation Biology held by Dr. Carlo Rondinini (2012-2014). Sapienza University of Rome.

Student supervision

2016 - ongoing - Co-supervisor of Coline Boonman, PhD student in the Environmental Department of Radboud University. “Functional trait based vegetation modelling”.

2014 - Co-supervisor of Jacopo Pagani, bachelor thesis in Natural Science, Faculty of Sciences MM.FF.NN., Sapienza University of Rome. “The influence of biological traits on spreading rate in terrestrial mammals”. (*in Italian*).

2014.

2013-2014 - Co-supervisor of Giulia Cristallini, master thesis in Biology, Faculty of Sciences MM.FF.NN., Sapienza University of Rome. “The role of the global network of protected areas in the conservation of terrestrial mammals”. (*in Italian*). 2013-2014.

2012 - Co-supervisor of Simona Picardi, bachelor thesis in Biology, Faculty of Sciences MM.FF.NN., Sapienza University of Rome. “Dispersal in mammals and its implications for conservation” (*in Italian*). 2012.

Workshops

2016 - Bioscore 2.0 concluding workshop. 21 June, Spoorwegmuseum in Utrecht (NL).

2015 - Invited expert in the workshop “Protected Area connectivity: an assessment for Aichi target 11”. 17 December, WCMC Cambridge.

2015 - HARMBIO Final workshop. 7 – 10 December, Museum of Natural History in South Kensington, London.

2015 - “The impact of climate changes on animal populations”. Director: Prof. Marco Apollonio. 9-14 November, "Ettore Majorana" Foundation and Centre for Scientific Culture, Erice, Italy.

2015 - HARMBIO workshop. 4rd meeting of WG1, 19 – 21 January, German Centre for Integrative Biodiversity Research (iDIV) in Leipzig, Germany.

2014 - BioScore 2.0 Workshop. 16 October. Mundo-b, Bruxelles, Belgium.

2014 - HARMBIO workshop. 3rd meeting of WG1, WG2, WG4, 2nd meeting of WG3. 8 – 10 April, German Centre for Integrative Biodiversity Research (iDIV) in Leipzig, Germany.

2013 - “KBA Thresholds workshop”, IUCN Key Biodiversity Areas. 1-5 December. Sapienza University at the Fondazione BioParco in Rome.

2013 - “Modelling dispersal”, Bia owie a, Poland. 13-17 May. Organizer: DrKamil Barto and Dr. Justin Travis.

2012 - HARMBIO workshop. 1rd meeting of WG1 and WG2. 8 – 9 November, Sapienza Università di Roma.

Events organization

2015 - Symposium “The (macro)ecology of animal species decline” at the “Ecology at the interface” congress, 21-25th September, Rome.

Congresses

2015 - EEF/SitE Ecology at the Interface, 21-25th September, Rome. Oral communication: “Human driven body size reduction of terrestrial mammal communities”. Poster: “Human pressures predict species’ geographic range size better than biological traits”.

2015 - ICCB 27th International Congress for Conservation Biology / 4th European Congress for Conservation Biology, August 2-6, Montpellier - France. Oral communication: “Modeling spread rate in terrestrial mammals and the ability to track a shifting climate: a trait space approach”. Posters: “Connectivity of the global network of protected areas”; “Human pressures predict species’ geographic range size better than biological traits”.

2014 - XI ATIT Congress, Civitella Alfedena, Italy, 7-19 May. Oral communication: “Biological determinants of spreading rate in terrestrial mammals”. Poster: “Connectivity of the global network of protected areas for terrestrial mammals”.

- 2013** - XI INTECOL Congress (International Congress of Ecology) in London, England, 18-23 August. Poster: "Shifting gap analysis goals from representation to persistence".
- 2012** - ECCB Congress (European Congress of Conservation Biology) in Glasgow, Scotland, from 28/8 to 1/9. Oral communication: "New Methods to Define Spatially Discrete Mammal Populations".
- 2011** - 4th EFP Congress (European Federation for Primatology) in Almada, Portugal, 14-17 September. Oral communication: "Cathemeral activity in Ring-tailed Lemurs, *Lemur catta*".
- 2011** - XX API's National congress (National primatological association) in Parco Natura Viva (VR), 10-13 April. Oral communication: "An (Un)expected Nocturnal Life: 24h Activity in Ring-tailed Lemurs".

Publications

- Santini L.**, Saura S., Rondinini C. 2016. A composite network approach for assessing multi-species connectivity: an application to road defragmentation prioritisation. *PLoS ONE* 11(10): e0164794
- Hilbers J., **Santini L.**, Visconti P., Schipper A.M., Pinto C., Rondinini C., Huijbregts. 2016. Setting population targets for mammals using body mass as a predictor of population persistence. *Conservation Biology*. *Accepted*. (**Joint first author**)
- Santini L.**, Belmaker J., Costello M.J., Pereira H.M., Rossberg A.G., Schipper A.M., Ceausu S., Dornelas M., Hilbers J., Hortal J., Huijbregts M.A., Navarro L.M., Schiffers K., Visconti P., Rondinini C. 2016. Assessing the suitability of diversity metrics to detect biodiversity change. *Biological Conservation*. doi: 10.1016/j.biocon.2016.08.024
- Ranc N., **Santini L.**, Rondinini C., Boitani L., Poitevin F., Angerbjorn A., Maiorano L. 2016. Performance tradeoffs in target-group bias correction for species distribution models. *Ecography*. *Accepted*.
- Di Marco M., **Santini L.**, Visconti P., Mortelliti A., Boitani L., Rondinini C. 2016. Using habitat suitability models to scale up population persistence targets. *Hystrix, Italian Journal of Mammalogy* 27(1)
- Schipper A., Belmaker J., Dantas M., Navarro L., Böhning-Gaese K., Costello M., Dornelas M., Foppen R., Joaquín H., Huijbregts M., Martin B., Queiroz C., Rossberg A., **Santini L.**, Schiffers K., Steinmann Z., Visconti P., Rondinini C., Pereira H., 2016. Contrasting changes in the abundance and diversity of North American bird assemblages over a 40 year period. *Global Change Biology*. DOI: 10.1111/gcb.13292
- Santini L.**, Cornulier T., Bullock J.M., Palmer S.C.F., White S.M., Hodgson J.A., Bocedi G., Travis J.M.J. 2016. A trait-based approach for predicting species responses to environmental change from sparse data: How well might terrestrial mammals track climate change?. *Global Change Biology* 22(7): 2415–2424
- Ancillotto L. **Santini L.**, Ranc N., Maiorano L., Russo D. Extraordinary range expansion in a common bat: the potential roles of climate change and urbanisation. *The Science of Nature* 103(15) (**Joint first author**)
- Santini L.**, Saura S., Rondinini C. 2016. Connectivity of the global network of protected areas. *Diversity & Distribution* 22(2): 199-211
- Di Marco M., **Santini L.** 2016. Climatic tolerance or geographic breadth: what are we measuring? *Global Change Biology* 22(3): 972–973
- Visconti P., Bakkenes M., Baisero D., Brooks T., Butchart S.H.M., Joppa L., Alkemade R., Di Marco M., **Santini L.**, Hoffmann M., Maiorano L., Pressey R.L., Arponen A., Boitani L., Reside A., van Vuuren D., Rondinini C. 2016. Projecting global biodiversity indicators under future development scenarios. *Conservation Letters* 9(1): 5-13
- Sato H., **Santini L.**, Patel E.R., Campera M., Yamashita N., Colquhoun I.C., Donati G. 2015. Dietary plasticity and feeding strategy of *Eulemur*: a comparison with *Propithecus*. *International Journal of Primatology*. In press

- Donati G., Campera M., Balestri M., Serra V., Barresi M., Schwitzer C., Curtis D.J., **Santini L.** 2015. Ecological and Anthropogenic Correlates of Activity Patterns in *Eulemur*. *International Journal of Primatology*. DOI: 10.1007/s10764-015-9876-7
- 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? Insights from terrestrial vertebrates. *Conservation Biology* 29(4): 986-995
- Regan E.C., **Santini L.**, Ingwall-King L., Hoffmann M., Rondinini C., Symes A., Taylor J., Butchart S.H.M. 2015. Global trends in the status of bird and mammal pollinators. *Conservation Letters* 8(6): 396-403
- Santini L.**, Rojas D., Donati, G. 2015. Evolving through day and night: origin and diversification of activity patterns in modern primates. *Behavioural Ecology* 26 (3): 789–796
- Di Marco M., **Santini L.** 2014. Human pressures predict species' geographic range size better than biological traits. *Global Change Biology* 21: 2169-2178
- Tittensor D.P., Walpole M., Hill S.L.L., Boyce D.G., Britten G.L., Burgess N.D., Butchart S.H.M., Leadley P.W., Regan E.C., Alkamade R., Baumung R., Bellard C., Bouwman L., Bowles-Newark N.J., Chenery A.M., Cheung W.W.L., Christensen V., Cooper H.D., Crowther A.R., Dixon M.J.R., Galli A., Gaveau V., Gregory R.D., Gutierrez N.L., Hirsch T., Hoft R., Januchowski-Hartley S.R., Karmann M., Krug C.B., Leverington F.J., Loh J., Lojenga R.K., Malsch K., Marques A., Morgan D.H.W., Mumby P.J., Newbold T., Noonan-Mooney K., Pagad S.N., Parks B.C., Pereira H.M., Robertson T., Rondinini C., **Santini L.**, Scharlemann J.P.W., Schindler S., Sumaila U.R., Teh L.S.L., van Kolck J., Visconti P., Ye Y. 2014. A mid-term analysis of progress towards international biodiversity targets. *Science* 346(6206): 241-244
- Santini L.**, Di Marco M., Boitani L., Maiorano L., Rondinini C. Incorporating spatial population structure in gap analysis reveals inequitable assessments of species protection. *Diversity & Distribution*, 20(6): 698-707
- Wegman M., **Santini L.**, Leutner B., Safi K., Rocchini D., Bevanda M., Latifi H., Dech S., Rondinini C. Role of African Protected Areas in maintaining connectivity for large mammals. *Philosophical Transactions of the Royal Society of London series B*. 369: 20130193
- Pacifici M., **Santini L.**, Di Marco M., Baisero D., Francucci L., Grottole Marasini G., Visconti P., Rondinini C. 2013. Generation length for mammals. *Nature Conservation* 5: 87-94
- Santini L.**, Di Marco M., Visconti P., Baisero D, Boitani L., Rondinini C. 2013. Ecological correlates of dispersal distance in terrestrial mammals. *Italian Journal of Mammalogy* 24(2): 1-6
- Donati G., **Santini L.**, Boitani L., Borgognini-Tarli S.M. 2013. (Un-)expected nocturnal activity in “diurnal” *Lemur catta* supports cathemerality as one of the key adaptations of lemur radiation. *American Journal of Physical Anthropology* 150: 99-106. **(Joint first author)**
- Santini L.** 2011/2012. Conflictual behaviour in lemur mother toward dying infant. *Lemur News* 16: 26-27

Book sections

- Santini L.**, Boitani L., Maiorano L., Rondinini C. 2016. Conservation of large carnivores in Europe: are protected areas effective? pp 122-133 in: Protected Areas: Are They Safeguarding Biodiversity. Joppa L., Ballie J.E.M., Robinson J.G. (Eds). Zoological Society of London. Wiley-Blackwell, Cambridge, UK.

Proceedings

- Santini L.**, Palmer S., Bullock J., White S., Cornulier T., Rondinini C., Travis J. 2014. Biological determinants of

spreading rate in terrestrial mammals. *Hystrix, Italian Journal of Mammalogy* 25(suppl.): 70

Santini L., Saura S., Rondinini C. 2014. Connectivity of the global network of protected areas for terrestrial mammals. *Hystrix, Italian Journal of Mammalogy* 25(suppl.): 135

Cristallini G., **Santini L.**, Saura S., Rondinini C. 2014. Adequacy of the Italian network of protected areas in conserving populations of terrestrial mammals. *Hystrix, the Italian Journal of Mammalogy* 25(suppl.): 100

Santini L., Donati G. 2011. An (Un)expected Nocturnal Life: 24h Activity in Ring-tailed Lemurs. *Folia Primatologica* 82: 265–266

Santini L., Donati G. 2011. Cathemeral activity in Ring-tailed lemurs, *Lemur catta*. *Folia Primatologica* 82: 353

Technical reports

Jones-Walters L., Gillings S., Groen T., Hennekens S., Noble D., **Santini L.**, Sierdsema H., van Kleunen A., van Swaay C., van der Sluis T. 2016. The “Umbrella Effect” of the Natura 2000 network: An assessment of species inside and outside the European Natura 2000 protected area network. Wageningen, Alterra Wageningen UR (University & Research centre), Alterra report XXXX

van der Sluis T., Gillings S., Groen T., Hennekens S., van Kleunen A., **Santini L.**, Sierdsema H., Van Swaay C., Jones-Walters L. 2016. How much biodiversity is in Natura 2000?. Alterra Report no. XXX, Wageningen, The Netherlands.

Hennekens, S.M., J.M. Hendriks, W.A. Ozinga, J.H.J. Schaminée, **Santini L.** 2015. BioScore 2 – Plants & Mammals. Background and pre-processing of distribution data. Statutory Research Tasks Unit for Nature & the Environment (WOT Natuur & Milieu), WOT-technical report 50. 221 p.

Leadley P.W., et al. 2014. Progress towards the Aichi Biodiversity Targets: An Assessment of Biodiversity Trends, Policy Scenarios and Key Actions. Secretariat of the Convention on Biological Diversity, Montreal, Canada. Technical Series 78, 500 pages. (**Contributing author**)

Hinsberg A. van, Hendriks M., Hennekens S.M., Sierdsema H., Swaay C. van, Rondinini C., **Santini L.**, Delbaere B., Knol O.M., Wiertz J. 2014. BioScore 2.0. Tussenrapportage WOT-04-011-036.50 (No. 87). Wettelijke Onderzoekstaken Natuur en Milieu.

Science journalism articles

Rondinini C. & **Santini L.** 2016. 2020, l'anno che verrà: Un'analisi di medio termine verso gli obiettivi internazionali per la biodiversità. “Sapere, Idee e progressi della scienza”. Edizioni Dedalo. Bimestrale Ottobre 2016. ISSN 0036-4681 - anno 82°, n. 5 - 978-88-220-9421-6

Reviewer for the following journals:

Animal Behaviour, Biological Conservation, Biotropica, Conservation Biology, Current Biology, Diversity and Distribution, European Journal of Wildlife Research, Ecology and Evolution, Global Change Biology, Global Ecology and Biogeography, Hystrix the Italian Journal of Mammalogy, International Journal of Primatology, Journal of Applied Ecology, Journal of Biogeography, Landscape Ecology, Mammalian biology, Mammal Review, Movement Ecology, PLoS ONE, Scientific Report.

Experience in the field

- Between October 2008 and July 2010 I participated to several field activities on birds and mammals: 1) I recorded the reproductive behaviour of fallow deers (*Dama dama*) in the leks (Castel Porziano, 2008); 2) I collected biometric measurements on culled Fallow deers (*Dama dama*) and Boars (*Sus scrofa*), and analysed their dental formulas and reproductive organs (Castel Porziano, 2008-2009); 3) I researched the behavioural ecology of ring-tailed lemur (*Lemur catta*) (Master's thesis project - Madagascar 2009-2010); 4) I participated to the estimate of ungulate abundance in Castel Porziano (2010); 5) I monitored migratory bird species (Ponza, 2010); 6) I collected data on the habitat selection of the barbastelle (*Barbastella barbastellus*) (Atri, 2011).

Experience in captivity

- Between March and December 2008 I collaborated regularly as a volunteer with rescue centre of wild animals in Rome "Lipu".
- I worked as an intern at the Unit of Cognitive Primatology and Primate Center of CNR (National Research Council) assisting Dr. Valentina Truppa in conducting two projects regarding visual cognition and implicit learning in Tufted capuchin monkeys (*Cebus apella*). December 2010 - May 2011.

Collaborations

During my research activity I have collaborated with the following institutions:

Oxford Brookes University (UK); Microsoft Research Computational Science Laboratory (UK); University of Aberdeen (UK); BirdLife International (UK); United Nations Environment Programme World Conservation Monitoring Centre (UK); Centre for Ecology & Hydrology (UK); University of Liverpool (UK); Stony Brook University (USA); Alterra (The Netherlands); Radboud University (The Netherlands); IUCN Species Survival Commission (Switzerland); Universidad Politécnica de Madrid (Spain); University of Aveiro (Portugal); Federico II University (Italy); University of Pisa (Italy); Sapienza University (Italy); Tel Aviv University (Israel); University of Wuerzburg (Germany); German Centre for Integrative Biodiversity Research (iDiv) (Germany); Kyoto University (Japan), University of Helsinki (Fi); University of Queensland (AU).

Press and web coverage related to my work

Santini et al. 2016. Global Change Biology

http://ec.europa.eu/environment/integration/research/newsalert/pdf/new_trait_based_method_predicts_whether_mammals_keep_up_with_climate_change_463na6_en.pdf

<https://www.researchgate.net/blog/post/30-of-mammals-will-be-negatively-affected-by-climate-change-new-predictive-model-finds>

<http://www.abdn.ac.uk/news/9030/>

Ancillotto et al. 2016. Science of Nature 103(15)

<http://www.springer.com/gp/about-springer/media/springer-select/climate-change-helps-bats-to-spread-their-wings/7454864>

<http://www.sciencedaily.com/releases/2016/02/160208124258.htm>

<http://phys.org/news/2016-02-climate-wings.html>

<http://steamregister.com/bats-are-using-climate-change-to-their-advantage/>

<http://www.greenreport.it/news/aree-protette-e-biodiversita/al-pipistrello-albolimbato-piacciono-riscaldamento-globale-e-urbanizzazione/>

<http://www.makemefeed.com/2016/02/10/al-pipistrello-albolimbato-piacciono-riscaldamento-globale-e-urbanizzazione-1248447.html>

Regan et al. 2015. Conservation Letters 8(6): 396-403

<http://www.bbc.com/earth/story/20150304-global-pollinators-in-decline>
<http://www.ibtimes.co.uk/crucial-bird-mammal-pollinators-moving-extinction-iucn-1492045>
<http://ens-newswire.com/2015/03/13/pollinating-birds-mammals-falling-victim-to-extinction/>
<http://www.birdlife.org/worldwide/news/pollinating-birds-and-mammals-declining-reveals-first-global-assessment-trends-status>

Santini et al. 2015. Behavioural Ecology 26 (3): 789–796

<https://explore.researchgate.net/display/news/2015/05/19/Lemurs'+trick+to+stay+up+night+and+day>

Visconti et al. Conservation Letters 9(1): 5-13

<http://www.iucn.org/?18805/Human-development-and-biodiversity-conservation-can-go-hand-in-hand-study-finds>

http://www.repubblica.it/ambiente/2015/01/15/news/estinzione_tigri_animali-105014925/

http://www.corriere.it/ambiente/15_gennaio_20/animali-specie-rischio-estinzione-87ba87fc-a0c6-11e4-b571-55218c79aee3.shtml

http://www.tgcom24.mediaset.it/green/tigri-panda-e-altre-440-specie-animali-a-rischio-estinzione-entro-il-2050_2089977-201502a.shtml

<http://www.lastampa.it/2015/01/15/societa/lazampa/animali/universit-sapienza-tigri-estinte-entro-il-sXTPfIWcsmYn53sHS2Z8wvJ/pagina.html>

<http://www.intelligonews.it/articoli/15-gennaio-2015/22021/c-era-una-volta-la-tigre-era-una-fiaba-nel-2050-pu-essere-la-realt->

http://www.agi.it/research-e-sviluppo/notizie/animali_entro_2050_estinzione_per_tigri_panda_e_rinoceronti-201501151541-eco-rt10163

<http://vglobale.it/e-inoltre/pianeta-animali/17098-a-rischio-estinzione-440-specie.html>

<http://www.greenme.it/informarsi/natura-a-biodiversita/15441-estinzione-panda-tigri-rinoceronti-2050>

<http://www.ecoblog.it/post/141650/la-sapienza-entro-il-2050-a-rischio-440-specie-animali>

Tittensor et al. 2015. Science 346(6206): 241-244

http://www.footprintnetwork.org/en/index.php/GFN/page/science_article_biodiversity_targets

<http://www.birdlife.org/worldwide/news/more-investment-needed-reach-international-biodiversity-targets-2020>

<http://www.dal.ca/news/2014/10/02/world-falling-short-of-biodiversity-targets--dal-led-report.html>

<http://cienciaybiologia.com/biodiversidad-metas-aichi-2020/>

Pacifici et al. 2013. Nature Conservation 5: 87-94

<http://www.sciencedaily.com/releases/2013/11/131113130149.htm>