



CURRICULUM VITAE (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

CV date	
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First name	José Antonio		
Family name	Godoy López		
Gender (*)	Male	Birth date (dd/mm/yyyy)	19/11/1963
Social Security, Passport, ID number	28693839M		
e-mail	godoy@ebd.csic.es	URL Web:	https://www.researchgate.net/profile/Jose-Godoy-10
Open Researcher and Contributor ID (ORCID) (*)	0000-0001-7502-9471		

(*) Mandatory

A.1. Current position

Position	Scientific Researcher		
Initial date	June 2009		
Institution	Consejo Superior de Investigaciones Científicas		
Department/Center	Integrative Ecology	Estación Biológica de Doñana	
Country	Spain	Teleph. number	955149435
Key words	Molecular Ecology, Conservation Genetics, Evolutionary Biology, Population genomics, Conservation genomics		

A.2. Previous positions (research activity interruptions, art. 14.2.b))

Period	Position/Institution/Country/Interruption cause
July 2001-June 2009	Staff Scientist/EBD-CSIC/Spain

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Doctor en Biología	Universidad de Sevilla	1991
Licenciado en Biología	Universidad de Sevilla	1986

Part B. CV SUMMARY (max. 5000 characters, including spaces)

Number of PhD theses supervised in the last 10 years: 6; 2 ongoing.

Publications impact (WoS index as of 9/12/2021 011:18 GMT

Articles With Citation Data: 90

Sum of the Times Cited: 3,637 (3,461 without self-citations)

Average Citations per Article: 40.41

Average citations per year (2017-2021): 250.6

Articles in Q1 journals: 59

Highly cited articles (within top 1% of the field): 1



h-index (WoS): 31

Part B. CV SUMMARY

The central axis of my research has been the inference of demographic and evolutionary processes from the patterns of genetic variation in natural populations, using molecular markers, population genetics and phylogenetic inference. My current interests are focused on the use of genomic technologies to characterize the patterns of diversity along the genome and the genetic load accumulated during the decline, and use this information to support species conservation. As a first step in this direction, I have led the Iberian lynx genome project, that generated one of the first reference genomes for endangered species. I'm currently using these resources as the basis for studies on evolutionary and conservation genomics in this species. The results of my research have contributed to the conservation of the lynx and other species through collaborations with conservation agencies and through my role as the Coordinator of the Advisory Committee on Genetic Aspects for the Ex situ Conservation Program of the Iberian Lynx, as Advisor to the Ministry of the Environment and Rural and Marine Affairs for strategies for the conservation of endangered species: Iberian lynx and imperial eagle, as member of the Scientific and Technical Working Group of the Lynx, Committee of Fauna and Flora of the Andalusian Council of Biodiversity. I'm a member of the Group of Specialists in Genetics of Conservation of the International Union for the Conservation of Nature (IUCN) since its creation in October 2014.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Publications (see instructions)

1 Artículo científico. Kleinman-Ruiz D, Lucena-Perez M, Villanueva B, *et al.* (2022) Purging of deleterious burden in the endangered Iberian lynx. *Proceedings of the National Academy of Sciences* **119**, e2110614119.

2 Artículo científico. Lucena-Perez M, Kleinman-Ruiz D, Marmesat E, *et al.* (2021) Bottleneck-associated changes in the genomic landscape of genetic diversity in wild lynx populations. *Evolutionary Applications* **14**, 2664-2679.

3 Artículo científico. Lucena-Perez, M., E. Marmesat, D. Kleinman-Ruiz, B. Martínez-Cruz, K. Węcek, A. P. Saveljev, I. V. Seryodkin, I. Okhlopkov, M. G. Dvornikov, J. Ozolins, N. Galsandorj, M. Paunovic, M. Ratkiewicz, K. Schmidt and J. A. Godoy (2020). Genomic patterns in the widespread Eurasian lynx shaped by Late Quaternary climatic fluctuations and anthropogenic impacts. *Molecular Ecology* **29**(4): 812-828.

4 Artículo científico. Casas-Marcé, M., Marmesat, E., Soriano, L., Martínez-Cruz, B., Lucena-Pérez, M., Nocete, F., Rodríguez-Hidalgo, A., Canals, A., Nadal, J., Detry, C., Bernáldez-Sánchez, E., Fernández-Rodríguez, C., Pérez-Ripoll, M., Stiller, M., Hofreiter, M., A., R., Revilla, E., Delibes, M., **Godoy, J.A.**, 2017. Spatio-temporal dynamics of genetic variation in the Iberian lynx along its path to extinction reconstructed with ancient DNA. *Mol. Biol. Evol.* **34**(11): 2893-2907.

5 Artículo científico. Marmesat, E., K. Schmidt, A. P. Saveljev, I. V. Seryodkin and **J. A. Godoy** 2017. Retention of functional variation despite extreme genomic erosion: MHC allelic repertoires in the Lynx genus *BMC Evolutionary Biology*. BioMed Central. 17-1, pp.158.

6 Artículo científico. Palomares, F., M. Lucena-Pérez, J. V. López-Bao and **J. A. Godoy** 2017. Territoriality ensures paternity in a solitary carnivore mammal. *Scientific Reports*. Nature Publishing Group. 7-1, pp.4494.

7 Artículo científico. Abascal, Federico; *et al.* 2016. Extreme genomic erosion after recurrent demographic bottlenecks in the highly endangered Iberian lynx *Genome Biology*. 17 (50/50; corresponding author).

8 Artículo científico. Hoban, S., J. A. Arntzen, M. W. Bruford, **J. A. Godoy**, A. R. Hoelzel, G. Segelbacher, C. Vila and G. Bertorelle. 2014. Comparative evaluation of potential



indicators and temporal sampling protocols for monitoring genetic erosion. *Evolutionary Applications*. 7-9, pp.984-998.

9 Artículo científico. Méndez, M., M. Vögeli, J. L. Tella and **J. A. Godoy** 2014. Joint effects of population size and isolation on genetic erosion in fragmented populations: finding fragmentation thresholds for management. *Evolutionary Applications*. 7-4, pp.506-518.

10 Artículo científico Casas-Marce, M., L. Soriano, J. V. López-Bao and **J. A. Godoy** 2013. Genetics at the verge of extinction: insights from the Iberian lynx *Molecular Ecology*. 22, pp.5503-5515.

C.2. Research projects and grants

1 CGL2017-84641-P, Genómica de la divergencia, el flujo génico, la especiación y la adaptación en el género *Lynx*: implicaciones para la conservación del lince ibérico. Ministerio de Ciencia, Innovación y Universidades; 1/1/2018-30/09/2021. 187.550,00 €. Investigador Principal

2 SEV-2012-0262, Apoyo a centros y unidades de excelencia Severo Ochoa Ministerio de Economía y Competitividad. Centros de Excelencia Severo Ochoa. Juan José Negro. (Estación Biológica de Doñana). 2013-2017. 5.000.000 €. Miembro de equipo.

3 Unveiling the Iberian lynx genome. Fundación General CSIC. Proyectos Cero. José Antonio Godoy López. (Estación Biológica de Doñana). 01/01/2011-31/12/2014. 269.740 €. Investigador Principal.

4 264125-FP7-REGPOT-2010-1, EcoGenes-Adapting to Global Change in the Mediterranean hotspot: from genes to ecosystems European Commission. Juan José Negro Balsameda. (Estación Biológica de Doñana). 01/12/2010-30/11/2013. 2.700.000 €. Miembro de equipo.

5 CGL2013-47755-P, Genómica de la conservación de lince: evaluación de la variación funcional y del papel de la selección en poblaciones en declive. Ministerio de Ciencia e Innovación. (Estación Biológica de Doñana). 01/01/2014-31/12/2016. 120.000 €. Investigador Principal.

6 CGL2010-21540/BOS, Dinámica de la variación adaptativa en poblaciones en declive: variación en genes de respuesta inmune en lince ibérico Ministerio de Economía y Competitividad, Gobierno de España. (Estación Biológica de Doñana). Desde 01/01/2011. 91.960 €. Investigador Principal.

7 Conservation Genetic Resources for Effective Species Survival (CONGRESS) European Commission. Coordination and Supporting Action (Support) (FP7). José Antonio Godoy López. (Estación Biológica de Doñana). Desde 05/05/2010. 991,81 €. Coordinador nacional

C.4. Contracts, technological or transfer merits

1. LIFE 19/NAT/ES 001055, LIFE Lynxconnect. European Commission. Coordinador Junta de Andalucía. 1/09/2020-/09/2025 Presupuesto global: €. Representante del socio EBD-CSIC.

2. Technical Support Contract: In search for adaptive variation across genomes of the widespread Eurasian lynx and the critically endangered Iberian lynx Mammal Research Institute, Białowieża, Polonia. 01/02/2016-01/08/2018. 333.500 €.

3. Análisis de viabilidad espacialmente explícito para posibles escenarios de reintroducción de lince ibérico en España TRAGSATEC. (Estación Biológica de Doñana). 30/03/2012-P2Y8M. 60.000 €.