CURRICULUM VITAE ABREVIADO (CVA)

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

Part A. PERSONAL INFORMATION

First name	Mario		
Family name	García París		
Gender (*)	Male	Birth date	29/08/1962
NIF	50049001N		
e-mail	mparis@mncn.csic.es	URL Web	
Open Researcher and Contributor ID (ORCID) (*)		0000-0002-9361-9405	

A.1. Current position

Position	Investigador Científico CSIC		
Initial date	13/06/2006		
Institution	CSIC		
Department/Center	Biodiversidad y Biología Evolutiva	Museo Nacional de Ciencias Naturales	
Country	Spain	Tel. number	+34640075540
Key words	Systematics, Taxonomy, Speciation, Evolution, Arthropoda		

A.2. Previous positions (research activity interuptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
2000-2006	Científico Titular
1999-2000	Científico Titular Interino

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Licensed Biología	Complutense de Madrid	1986
PhD Ciencias Biológicas	Complutense de Madrid	1992

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

My scientific career is focused on the study of speciation processes, with the objective of understanding how the biodiversity of our planet originated and how it is structured. My main line of work is the study of the effect of the apparition of evolutionary novelties during the speciation process and its detectable consequences in subsequent evolutionary radiations. I have studied diverse groups from multidisciplinary perspectives including phylogeography, phylogeny, morphological evolution, evolutionary novelties and development, speciation patterns, taxonomy, molecular evolution, and monographic reviews. I have established an intense cooperation with foreign institutions (UC Berkeley-USA, UNAM-Mexico, UC-Venezuela ...), working in taxonomy of Neotropical amphibians (Amphibia), in Coleoptera (Meloidae, Tenebrionidae) and now also in Crustacea (Anostraca, Isopoda, Amphipoda), which has allowed me to discover and describe 12 genera and subgenera, and 37 new species. My current activities are centered in transferring our knowledge on biodiversity of Mediterranean arthropods to the local administrations (CCAA) and the private sector (Fundación Global Nature, for example) for the preservation of Biodiversity in arid and semi-arid agroecosystems.

Doctoral theses directed or codirected (2003-2023): **11;**
Q1 Publications: **43**; in the last five years: **16**

Other indicators: Google Scholar collects 7739 citations and h: 44; including 5 monographs published by the author with more than 50 citations each. The total number of published articles with reviewers amounts to more than 160, plus 45 book chapters, 8 monographs and 47

popular articles. Press and television often echo my studies every year and some have given rise to reports by the BBC.

Part C. RELEVANT MERITS

C.1. Publications *(selected; last five years)*

The 10 selected publications (all = Q1) (within the 2020-2025 period) cover my usual areas of work, which range from the study of biota speciation and diversification processes, to the origin of ethnological traditions supported by molecular analyses, including taxonomy, conservation and biogeographic analyses.

*Jurado-Angulo, P.; García-París, M. (2025) Historical demographic determinants support climate model predictions on cryptic species co-existence. *Diversity and Distributions*, 31: e70007. https://doi.org/10.1111/ddi.70007

*Sánchez-Vialas, A.; Calatayud Mascarell, A.; Ruiz, J.L.; García-París, M. (2023) Predictions based on phylogeography and niche modelling depict an uncertain future scenario for giant blister beetles (*Berberomeloe*, Meloidae) facing intensive greenhouse expansion and global warming. *Insect Conservation and Diversity*, 16(6): 801–816.; https://doi.org/10.1111/icad.12671

*Recuero, E.; Rodríguez-Flores, P.C.; García-París, M. (2022) Homoplasy and morphological stasis revealed through multilocus phylogeny of new myrmecophilous species in Armadillidiidae (Isopoda, Oniscidea). *Zoological Journal of the Linnean Society*, 2022, 194: 1312–1340. https://doi.org/10.1093/zoolinnean/zlab066

*Sainz-Escudero, L.; López-Estrada, E.K.; Rodríguez-Flores, P.C.; García-París, M. (2022) Brine shrimps adrift: historical species turnover in Western Mediterranean *Artemia* (Anostraca). *Biological Invasions*, 24: 2477–2498.

*López-Estrada, E.K.; Sanmartín, I.; Uribe, J.E.; Abalde, S.; García-París, M. (2022) Homoplastic host shifts and phoresy drove clade diversification dynamics in blister beetles (Meloidae, Coleoptera). *Molecular Ecology*, 31: 2453–2474. https://doi.org/10.1111/mec.16390 [journal cover dedicated to our paper]

*Mas-Peinado, P.; García-París, M.; Jiménez-Ruiz, Y.; Recuero-Gil, E.; Martínez-Solano, I.; Buckley, D.; Condamine, F.L. (2022) Geology-based and ecological processes of divergence between and within species of wingless darkling beetles. *Journal of Biogeography*, 49: 2281–2295. https://doi.org/10.1111/jbi.14509

*Sánchez-Vialas, A.; Recuero, E.; Jiménez-Ruiz, Y.; Ruiz, J.L.; Marí-Mena, N.; García-París, M. (2021) Phylogeny of Meloini blister beetles (Coleoptera, Meloidae) and patterns of island colonization in the Western Palaearctic. *Zoologica Scripta*, 50(3): 358–375. doi: 10.1111/zsc.12474

*Díaz-Navarro, M.; Bolívar, P.; Andrés, M.F.; Gómez-Muñoz, M.T.; Martínez-Díaz, R.A.; Valcárcel, F.; García-París, M.; Bautista, L.M.; González-Coloma, A. (2021) Antiparasitic effects of potentially toxic beetles (Tenebrionidae and Meloidae) from steppe zones. *Toxins*, 13, 489. doi: 10.3390/toxins13070489

*González-Miguéns, R.; Muñoz, E.; Jiménez-Ruiz, Y.; Mas-Peinado, P.; Ghanavi, H.R.; García-París, M. (2020) Speciation patterns in the *Forficula auricularia* species complex: cryptic, and not so cryptic taxa across the Western Paleartic Region. *Zoological Journal of the Linnean Society*, 190(3): 788-823.

*Sánchez-Vialas, A.; García-París, M.; Ruiz, J.L.; Recuero, E. (2020) Patterns of morphological diversification in giant *Berberomeloe* blister beetles (Coleoptera,

Meloidae) reveal an unexpected taxonomic diversity concordant with mtDNA phylogenetic structure. *Zoological Journal of the Linnean Society*, 189: 1249–1312.

C.2. Congresses, indicating the modality of their participation (invited conference, oral presentation, poster)

Selected presentations at conferences in 2021-23:

García-París, M. (2023) ***Exploring morphological diversity within a clade of Coleoptera. Plenary talk***. In: XX Iberian Congress of Entomology, Alicante, 28 Jun, 2023.

Jurado-Angulo, P.; García-París, M. (2023) ***Contrasting phylogeographic patterns and ecological distribution models in Iberian Forficula(Forficulidae, Dermaptera)***. Oral presentation. In: XX Iberian Congress of Entomology, Alicante, 27 Jun, 2023.

Puerta-Rodríguez, L.; Rosas-Ramos, N.; García-París, M. (2023) ***Phylogeographic structure of endemic species of the central zone of the Iberian Peninsula affected by agricultural intensification***. Oral presentation. In: XX Iberian Congress of Entomology, Alicante, 27 Jun, 2023.

García-París, M.; López-Estrada, EK.; Jiménez-Ruiz, Y.; Sánchez-Vialas, A.; Ruiz JL. (2021) ***Systematics of Western Mediterranean Meloidae***. Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

Jurado-Angulo, P.; Recuero, E.; García-París, M. (2021) ***Hybridization processes in Akis detected by phylogeographic analyses***. Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

López-Estrada, EK.; Sanmartín, I.; Uribe, J.E.; Abalde, S.; García-París, M. (2021) ***Testing for the effect that host shifts and phoresy had in the diversification dynamics of blister beetles (Meloidae, Coleoptera)***. Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

Sanz, A.; López-Estrada, EK.; García-París, M. (2021) ***Systematics of two sympatric species of Mordellidae (Coleoptera): Mediimorda batteni Plaza-Infante, 1985 and Mediimorda bipunctata (Germar, 1827) in the Iberian Peninsula***. Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

Mas-Peinado, P.; Buckley, D.; Ruiz JL.; García-París, M. (2021) ***Pimelia (Pimeliinae, Pimeliini) on the African – European edges.*** Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

Puerta-Rodríguez, L.; Mas-Peinado, P.; Gonçalves, H.A.; Faustino, A.; García-París, M. (2021) ***Diversification of the Madeiran* Wolladrus *Iwan & Kaminski, 2016 (Coleoptera: Tenebrionidae)***. Oral presentation. In: International Tenebrionoidea Symposium VI (Virtual), 21-22 May, 2021.

Sainz-Escudero, L.; Rodríguez-Flores, P.C.; García-París, M. 2021 ***Phylogeography in Iberian Anostraca (Crustacea: Branchiopoda) and considerations on their conservation strategies***. Society Wetlands Scientists European Chapter Meeting. Presentación oral.

C.3. Research projects, as PI.

The author has been PI in 7 competitive research grants of the Spanish Ministry (4 of them shown here) and 2 of Comunidad de Madrid (not shown).

PID2024-159987NB-I00. *Consequences of speciation for character evolution in taxonomically complex groups of arthopods (Arthropoda)* (ESPEARTHRO). Convocatoria 2024

Proyectos de I+D+i - PGC Tipo B (Ministerio de Ciencia, Innovación y Universidades). IP Mario García París (5 investigadores). 1-septiembre-2025, 31-agosto-2028

PID2019-110243GB-100/ AEI/10.13039/501100011033. *Morphological disparity resulting from ancient diversification processes: testing hypotheses on the effect of age clade, clade geographic range and extinction* (MORDIRADIEX). Convocatoria 2019 Proyectos de I+D+i - PGC Tipo B (Ministerio de Ciencia, Innovación y Universidades). **IP Mario García París** (4 investigadores). 1-junio-2020, 30-mayo-2023

CGL2015-66571-P. Identificación de especies crípticas mediante análisis filogeográficos y filogenias multigénicas: una revisión de la diversidad real en grupos taxonómicamente complejos. DGI (Ministerio de Economía y Competitividad). **IP Mario García** París (6 investigadores). Enero 2016 – 31 Diciembre 2018.

CGL2010-15786/BOS. Estudio piloto para la detección a diferentes escalas geográficas de procesos evolutivos relacionados con el origen de la Biodiversidad en grupos de invertebrados singulares DGI (Ministerio de Ciencia e Innovación) **IP: Mario García París** (6 investigadores). Enero 2011 – 31 Diciembre 2013.

C.4. Contracts, technological or transfer merits

The author is/was PI of two research/transference grants of the "**Doctorados industriales"** program of the Comunidad de Madrid.

IND2020/AMB-17430. Doctorado Industrial. Comunidad de Madrid. Convocatoria 2020: *Uso de marcadores genómicos (SNPs) para determinar el efecto del paisaje sobre la capacidad de recolonización de especies de coleópteros sensibles al manejo agrícola en zonas esteparias*. **IP: Mario García París**. 1 Enero 2021 – 31 Diciembre 2023

IND2018/AMB-9692. Doctorado Industrial. Comunidad de Madrid. Convocatoria 2018: *Las "hadas de los charcos". Uso de técnicas de genética del paisaje y ADN ambiental para la conservación de especies amenazadas (Anostraca) de medios acuáticos temporales esteparios.* **IP: Mario García París**. 1 Enero 2019 – 31 Diciembre 2021

C.5. Other merits

Selected Invited talk (not in congresses)

31-I-2020 *Invited talk*: ***Diversidad morfológica en coleópteros: explorando la relación entre disparidad morfológica y riqueza de especies en cantáridas***. Seminarios del Departamento de Biología. Universidad Autónoma de Madrid.