



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 22/12/2025

| | | | |
|--|---|-------------------------|--|
| First name | Manuel | | |
| Family name | De la Estrella González | | |
| Gender (*) | Male | Birth date (dd/mm/yyyy) | |
| ID number | | | |
| e-mail | | | |
| Open Researcher and Contributor ID (ORCID) (*) | 0000-0002-4484-3566 | | |

(*) Mandatory

A.1. Current position

| | | | |
|-------------------|--|--------------------------------------|--|
| Position | Profesor Titular de Universidad | | |
| Initial date | 22/09/2021 | | |
| Institution | Universidad de Córdoba | | |
| Department/Center | Departamento de Botánica, Ecología y Fisiología Vegetal | Facultad de Ciencias | |
| Country | Spain | Teleph. number | |
| Key words | Biogeography, Leguminosae systematics, Phylogenomics, Taxonomy | | |

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

| Period | Position/Institution/Country/Interruption cause |
|--|---|
| 12/2019-09/2021 (22 months) | Profesor Contratado Doctor/Universidad de Córdoba/Spain |
| 02/2019-12/2019 (10 months) | Profesor Ayudante Doctor/Universidad de Córdoba/Spain |
| 10/2017-02/2019 (16 months) | Profesor Sustituto Interino/Universidad de Córdoba/Spain |
| 10/2015-10/2017 (24 months) | Marie Skłodowska-Curie Fellow/Royal Botanic Gardens, Kew/United Kingdom |
| 01/2015-10/2015 (9 months) | Postdoctoral Research Assistant/Natural History Museum/United Kingdom |
| 07/2013-12/2014 (18 months) | Postdoctoral Fellow/IRBV – Université de Montréal/Canada |
| 02/2010-01/2013 (36 months) | Juan de la Cierva Postdoc/Universidad de Córdoba/Spain |
| *Including 03/2012-08/2012 (6 months) | José Castillejo grant/ IRBV–Université de Montréal/Canada |
| 05/2009-12/2009 (8 months) | Herbarium technician/Real Jardín Botánico de Madrid/Spain |
| 05/2005-12/2008 (44 months) | FPI UCM Fellow/Universidad Complutense de Madrid/Spain |
| 01/2005-04-2005 (4 months) | I3PBPG Fellow/Real Jardín Botánico de Madrid/Spain |
| 06/2004-11/2004 (6 months) | Predocctoral Fellow/Real Jardín Botánico de Madrid/Spain |
| 09/2003-12/2003 (3.5 months) | CSIC BIP 2003/Real Jardín Botánico de Madrid/Spain |
| 08/2002-10/2002 (2 months) | Intercampus E.AL. 2002/UNACHI/Panama |

A.3. Education

| PhD, Licensed, Graduate | University/Country | Year |
|------------------------------|-----------------------------------|------------|
| Licenciado en Biología (BSc) | Universidad Complutense de Madrid | 24/07/2003 |
| Doctor (PhD) | Universidad Complutense de Madrid | 22/01/2009 |



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

From the beginning of my studies in Biology, my efforts have been focused on specializing in Systematic Botany. During my undergraduate degree at the Complutense University of Madrid (1998–2003), I participated in a conservation project in Panama funded by the Spanish Intercampus program (E.AL. 2002). In 2003, I became involved in the Flora of Equatorial Guinea project and, within this framework, I obtained my PhD in January 2009 (UCM). In February 2010, I began a “Juan de la Cierva” postdoctoral contract at the University of Córdoba (UCO), where I studied the tropical genus *Gilbertiodendron* (Leguminosae). After completing my JdC postdoctoral fellowship, I worked for five years at some of the most important botanical research centers in the world, including: a two-year postdoctoral stay at the IRBV – Université de Montréal (Canada), nearly one year as a postdoctoral research assistant at the Natural History Museum (London, United Kingdom), followed by my Marie Skłodowska-Curie postdoctoral project at the Royal Botanic Gardens, Kew (United Kingdom). I have applied NGS sequencing techniques, as well as the necessary bioinformatic methods (e.g., Estrella et al., 2017, 2018, 2020). After my MSC fellowship, I joined UCO, where I am currently an Associate Professor.

Throughout my career, I have obtained numerous competitive fellowships (e.g., CSIC BIP 2003, UCM-FPI, Juan de la Cierva, José Castillejo, Marie Skłodowska-Curie), international awards (2 QCBS Awards), and six SYNTHESYS projects (under the FP6, FP7, and Horizon 2020 programs). I have also participated in six research projects funded by the Spanish R&D&I system, one Canadian NSERC project, two European Union projects (EU-Bon and GLDAFRICA (IP)), and two institutional projects (GLDAMERICA (IP) and PAFTOL). Recently, I was the principal investigator (PI) of a two-year project (DIVEREND) funded by FEDER Andalucía 2014–2020, and I am currently the PI of a four-year project (HYPERPLANT) funded by the Spanish State Research Agency. My research has progressed from a purely descriptive approach toward studies in biodiversity, evolution, conservation, and biogeography.

Publications: I have published 42 research articles (41 of them in international JCR journals). I have received 1,817 citations and have an h-index of 16 (Scopus). I am the first or last author in 59% of my JCR articles, which include taxonomic works (e.g., the monograph of *Daniellia* (Estrella et al., 2010)), studies on legume diversity patterns inferred from species distribution models (Estrella et al., 2012), and phylogenetic and biogeographic studies of Leguminosae (e.g., Estrella et al., 2017, 2018, 2020). I have been the editor of three volumes of the *Flora of Equatorial Guinea*, have published 144 book chapters (including generic and family treatments for the *Flora of Equatorial Guinea* and *Flora Iberica*), and have collaborated on two volumes of the *Atlas Florae Europaeae*. I currently have three research evaluation periods recognized by CNEAI, the most recent since January 2023 (Periods: 2005–2010, 2011–2016, and 2017–2022).

Teaching experience: To date, I have taught more than 1,450 hours at the university level (both undergraduate and master’s programs). I have supervised seven undergraduate final projects (TFG), eleven master’s theses (TFM), and have mentored several student internships. I have published five teaching-related articles in specialized journals and have participated in several teaching innovation projects. I have been a faculty member at UCO since October 2017 and have two recognized teaching evaluation periods (“Quinquennia”: 2007–2017 and 2017–2022).

Management experience: From 2022 to 2025, I served as coordinator of the Botany area at the University of Córdoba, coordinating 13 faculty members who teach 20 different courses across five university degree programs. I am an advisor to the Hiring Committee of the University of Córdoba. I have evaluated projects for the Spanish State Research Agency, FONCYT (Argentine Government), as well as Marie Skłodowska-Curie fellowships, Horizon Europe projects for the European Commission, and Erasmus+ proposals for the Spanish SEPIE. In addition, I have served as an associate editor of a JCR journal.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Publications (see instructions)

- Domenech, B., **de la Estrella, M.**, et al. (2026). Biogeography and evolution of the pantropical rainforest genus *Crudia* (Leguminosae, Detarioideae). *Botanical Journal of the Linnean Society* (in press).



- Zuntini, A.R. et al. [including **de la Estrella, M.** (105/279)] (2024). Phylogenomics and the rise of the angiosperms. *Nature* 629: 843-850.
- **de la Estrella, M.**, Cervantes, S., Janssens, S.B., Forest, F., Hardy, O. & Ojeda, D. (2020). The impact of rainforest area reduction in the Guineo-Congolian region on the tempo of diversification and habitat shifts in the Berlinia clade (Leguminosae). *Journal of Biogeography* 47: 2728–2740.
- Choo, L.M., Forest, F., Wieringa, J.J., Bruneau, A. & **de la Estrella, M.** (2020). Phylogeny and biogeography of the Daniellia clade (Leguminosae: Detarioideae), a tropical tree lineage largely threatened in Africa and Madagascar. *Molecular Phylogenetics and Evolution* 146: 106752.
- Schley, R.J., Pennington, R.T., Pérez-Escobar, O.A., ... **de la Estrella, M.** [5/10] ... & Klitgård, B. (2020). Introgression across evolutionary scales suggests reticulation contributes to Amazonian tree diversity. *Molecular Ecology* 29: 4170-4185.
- Ojeda, D.I., Koenen, E., Cervantes, S., **de la Estrella, M.** [4/11] ... Hardy, O. (2019). Phylogenomic analyses reveal an exceptionally high number of evolutionary shifts in a florally diverse clade of African legumes. *Molecular Phylogenetics and Evolution* 137: 156-167.
- **de la Estrella, M.**, Forest, F., Klitgård, B., Lewis, G.P., Mackinder, B., de Queiroz, L., Wieringa, J. & Bruneau, A. (2018). A new phylogeny-based tribal classification for the Detarioideae, an early-branching clade of florally diverse legumes. *Scientific Reports* 8(1),6884.
- **de la Estrella, M.**, Forest, F., Wieringa, J.J., Fougère-Danezan, M. & Bruneau, A. (2017) Insights on the evolutionary origin of Detarioideae, a clade of ecologically dominant tropical African trees. *New Phytologist* 214: 1722-1735.
- LPWG [including **de la Estrella, M.**: authors with **de la Estrella, M.** wrote the paper, and with * contributed with new unpublished sequences, **position in alphabetical order**] (2017). A new subfamily classification of the Leguminosae based on a taxonomically comprehensive phylogeny. *Taxon* 66: 44-77.
- **de la Estrella, M.**, Mateo, R.G., Wieringa, J.J., Mackinder, B. & Muñoz, J. (2012) Legume diversity patterns in West Central Africa: influence of species biology on distribution models. *PLoS ONE* 7(7): e41526.
- **de la Estrella, M.**, Devesa, J.A. & Wieringa, J.J. (2012). A morphological re-evaluation of the taxonomic status of the genus *Pellegriniodendron* (Harms) J. Léonard (Leguminosae–Caesalpinioideae–Detarioideae) and its inclusion in *Gilbertiodendron* J. Léonard. *South African Journal of Botany* 78: 257-265.

C.2. Congress (5 more relevant)

- **de la Estrella, M.** et al. Integrating phylogenomics and population genetics using target enrichment in Detarioideae, a group of ecologically dominant tropical African trees. *7th International Legume Conference (7ILC). Legume Systematics for Next Generation. Talk communication.*
Sendai (Japan) 29 August -2 September 2018
- **de la Estrella, M.** et al.. A phylogenomic approach to study the evolutionary origin of Detarioideae, a clade of ecologically dominant tropical African trees. *XIX International Botanical Congress. Talk communication.*
Shenzhen (China) 23-29 July 2017
- **de la Estrella, M.** et al. Detarioideae, I presume? Insights on the evolutionary origin of Detarioideae, a clade of ecologically dominant tropical African trees. *UK Plant Evolution Meeting. Talk communication.*
Cambridge (United Kingdom) 15-16 September 2016
- **de la Estrella, M.** et al. Towards a fully sampled and well-resolved phylogeny of caesalpinoid legumes. *XI Congreso Latinoamericano de Botánica. Invited talk communication.*
Salvador (Brazil) 19th – 24th October 2014
- **de la Estrella, M.** et al. The Amherstieae group (Leguminosae-Caesalpinioideae): phylogeny, systematics and conservation in tropical Africa.



20th AETFAT (Association pour l'Etude Taxonomique de la Flore d'Afrique Tropicale) Congress. Talk communication.
Stellenbosch (South Africa) 13–17 January 2014

C.3. Research projects

2023–2027. Title: *Hyperplant: Hyperdominance in Plant Communities* (PID2022-140794NB-I00). MEC National Plan. **PIs:** Manuel de la Estrella & Lisa Pokorny (€243,750).
2021–2022. Title: *Diverend: Maximizing Genetic Diversity in Plant Conservation* (UCO-1380837). FEDER Andalucía 2014–2020. **PI:** Manuel de la Estrella (€23,295).
2018–2020. Title: *Flora Iberica XI* (CGL2017-85204-C3-3-P). MEC National Plan. **PI:** Juan A. Devesa Alcaraz (€117,000). **Role:** Research team member.
2017–2018. Title: *Flora Iberica X* (CGL2014-52787-C3-3-P). MEC National Plan. **PI:** Juan A. Devesa Alcaraz (€179,000). **Role:** Research team member.
2016. Title: *Global Legume Diversity Assessments in South America, Proof of Concept.* **PI:** Manuel de la Estrella (£4,312), funded by the Royal Botanic Gardens, Kew.
2015–2017. Title: *Global Legume Diversity Assessments in Africa: West Central Africa as a Case Study.* **Host:** Félix Forest. **Co-PI:** Manuel de la Estrella (€195,454.8).
2012–2017. Title: *EU BON: Building the European Biodiversity Observation Network.* **PI (NHM subproject):** Neil Brummitt (€256,620.38). **Role:** Postdoctoral Researcher (2015).
2009–2014. Title: *Floral Evolution and Biogeography in Early-Diverging Legume Lineages.* **PI:** Anne Bruneau (CAD \$240,000). **Role:** Postdoctoral Researcher (2012–2014).
2012–2015. Title: *Flora Iberica IX* (CGL2011-28613-C03-02). MCI National Plan. **PI:** Emilio Ruiz de Clavijo Jiménez (€220,000). **Role:** Research team member.
2010–2011. Title: *Flora Iberica VIII* (CGL2008-02982-C03-03/CLI). MCI National Plan. **PI:** Juan A. Devesa Alcaraz (€200,000). **Role:** Research team member.
2007–2009. Title: *Vascular Flora of Equatorial Guinea, 2* (CGL2006-01223/BOS). MEC National Plan. **PI:** Mauricio Velayos Rodríguez (€67,760). **Role:** Research team member.

C.4. Contracts, technological or transfer merits

Editorial boards and working groups: The Committee for Mapping the Flora of Europe (2012-ongoing), Legume Phylogeny Working Group (2013-ongoing); elected as member of the LPWG Taxonomic Subgroup Committee (working for the worldwide Leguminosae checklist; 2021-ongoing).