CURRICULUM VITAE

November 2026

PERSONAL INFORMATION

First, family name	**Montserrat Vilà**		
Gender	female	Birth date	11/07/1965
ID number	40462147H	E-mail	montse.vila@ebd.csic.es
ORCID		0000-0003-3171-8261	
Google Scholar		https://scholar.google.com/citations?user=HTWItgUAAAAJ&hl=es	
Personal website		http://www.montsevila.org/index.php	

Current position

Position	Research Professor
Institution/Country	Consejo Superior de Investigaciones Científicas (CSIC), Spain
Center	Estación Biológica de Doñana (EBD-CSIC)
Key words	Biodiversity, global change, plant communities, Mediterranean ecosystems, introduced species, biological invasions

Previous positions

Period	**Position/Institution/Country/Interruption cause**
2025-present	Scientific Director for the Severo Ochoa Program of Excellence, Estación Biológica de Doñana (EBD-CSIC) / Spain
2019-present	Associated Professor / Department of Plant Biology and Ecology, University of Sevilla / Spain
2010-present	Professor of Research / Department of Conservation Biology and Global Change, (EBD-CSIC) / Spain
2012-2015	Deputy Director / Estación Biológica de Doñana (EBD-CSIC) / Spain
2009-2012	Head of the Department of Integrative Ecology Department of Integrative Ecology, (EBD-CSIC) / Spain
2006-2010	Associate Professor of Research / Department of Integrative Ecology, (EBD-CSIC) / Spain
2002-2006	Assistant Professor in Ecology / Department of Animal and Plant Biology and Ecology, Universitat Autònoma de Barcelona (UAB) / Spain
1996-2002	Teacher Assistant, Lecturer, Associate / Department of Animal and Plant Biology and Ecology, (UAB) / Spain
1996-2006	Associated Researcher / Center for Ecological Research and Forestry Applications (CREAF) / Spain

Education

PhD, Licensed, Graduate	**University/Country**	**Year**
Postdoc	University of California, Berkeley / USA	1994-1996
PhD in Biology	Universitat Autònoma de Barcelona (UAB)	1993
Bachelor Degree in Sciences	UAB	1988

CV SUMMARY

Montserrat Vilà's is a research professor at Estación Biológica de Doñana (EBD-CSIC) who has served for over a decade as President of the European Working Group on Biological Invasions (NEOBIOTA). She is recognized for her pioneering research on the ecology and impacts of non-native invasive plant species. Her work has been fundamental in developing risk assessments to help prevent biological invasions. With more than 250 publications in high impact journals and more than 40 book chapters that have received >64310 citations (H = 105) in Google Scholar, she has been among the top 1% of researchers for most cited

documents in the Ecology/Environment area (Clarivate Analytics). She has conducted studies in all continents on the following research areas:

Description of invasion patterns and mechanisms*.* Her work has identified that the most invaded areas by non-native plants at the landscape, regional and continental scales are the most anthropogenic and the most disturbed. She also has investigated the fundamental role played by species interactions, in particular the facilitating role of pollinators and the lack of natural enemies, in the assembly of introduced species in recipient communities.

The effect of global change and history on invasions. She has analyzed the effects of climate change, changes in land use and economic changes on the distribution of the most invasive species in Europe. Future climate change projections indicate that these species will expand at high speed towards northern and eastern Europe. In contrast native species expansion will not be able to cope with the speed of climate warming. In addition, she has described time lags that show that contemporary invasions are determined by past human activities.

Analysis of the impacts of biological invasions on the environment, ecosystem services and human well-being**.** She has led global syntheses on the environmental impacts of invasive species that have been fundamental to the IPBES's diagnosis of biological invasions. Recently, she has been working on the assessment of impacts on ecosystem services, including cultural services. This research illustrates the importance of identifying conflicts between different socio-economic sectors that perceive and value the effects of biological invasions differently. She also participates in the evaluation of invasion risk analyses (e.g. EICAT-IUCN) to improve decision-making on the prioritization of species to be managed and regulated.

She is strongly committed to outreach and the transfer of knowledge at all levels to increase the public awareness on biological invasions and to influence policy. As such, she is a member of the Scientific Forum of the European Regulation on Alien Invasive Species (DG Environment).

SELECTED PUBLICATIONS (last 10 yrs)

Blumenthal DM, J Diez, I Pearse...**M Vilà** (15/15) 2025. Why are non-native plants successful? Consistently fast economic traits and novel origin jointly explain abundance across US ecoregions. *New Phytologist* 248: 1192-1204. doi.org/10.1111/nph.70307

Riera M, **M Vilà**, M Melero, Ll Sáez, J Pino (2/5) 2025. Climatic niche conservatism in non-native plants is largely dependent on their climatic niche breadth in the native range. *Journal of Ecology* 113: 2301-2313. doi.org/10.1111/1365-2745.70092

Bradley BA, EM Beaury, B Gallardo…**M Vilà** (9/9) 2024. Observed and potential range shifts of native and nonnative species with climate change. *Annual Review of Ecology, Evolution and Systematics* 55 doi.org/10.1146/annurev-ecolsys-102722-013135

Gallardo B, S Bacher, AM Barbosa…**M Vilà** (9/9) 2024. Risks posed by invasive species to the provision of ecosystem services in Europe. *Nature Communications*, *15*(1), 2631. doi.org/10.1038/s41467-024-46818-3

López BE, JA Allen, JS Dukes…BA Bradley (5/15) 2022. Global environmental changes more frequently offset than intensify detrimental effects of biological invasions. *PNAS*, 119(22), e2117389119. doi.org/10.1073/pnas.2117389119

Vilà M, AM Dunn, F Essl…B Gallardo (1/11) 2021. Viewing emerging human infectious epidemics through the lens of invasion biology. *BioScience* 71: 722-740. doi.org/10.1093/biosci/biab047

Vilà M, EM Beaury, DM Blumenthal…I Ibáñez (1/10) 2021. Understanding the combined impacts of weeds and climate change on crops. *Environmental Research Letters,* 16(3), *034043.* doi.org/10.1088/1748-9326/abe14b

Vilà M & Hulme PH (eds.) 2017. *Impact of biological invasions on ecosystem services*. Springer, Heidelberg. ISBN 978-3-319-45121-3

Magrach A, JP González-Varo, M Boiffier, **M. Vilà** & I Bartomeus (4/5). 2017. Honeybee spillover reshuffles pollinator diets and affects plant reproductive success. *Nature Ecology and Evolution* 1: 1299-1307. doi.org/10.1038/s41559-017-0249-9

RELEVANT MERITS (last 10 yrs)

Awards and distinctions

- 2026. Elected numerary member of the Spanish Royal Academy of Exact, Physics and Natural Sciences.
- 2025. Whittaker Distinguished Ecologist award by the Ecological Society of America.
- 2023. Corresponding member of the Spanish Royal Academy of Exact, Physics and Natural Sciences.
- 2023. Corresponding member of the Catalan Institute of Sciences.
- 2022. Gulbenkian Prize for Humanity as a contributing member to IPBES.
- 2021. Mercer Award of the Ecological Society of America as coauthor in a paper lead by B. Bradley.
- 2021. National Research Award Alejandro Malaspina in the area of Sciences and Technologies of Natural Resources.
- 2020. Distinction in Ecology Luís Balaguer from the Spanish Association of Terrestrial Ecology.
- 2020. Member of the Royal Academy of Sciences in Sevilla.
- 2020. The North-South Prize from the Council of Europe as a member of the Mediterranean Experts on Climate and Environmental Change.

Selected invited conferences to international meetings

- 2025. 17th International Conference on the Ecology and Management of Alien Plant Invasions. Christchurch, New Zealand.
- 2024. VI Simposio Colombiano de Especies Invasoras y Restauración Ecológica, Bogotá, Colombia.
- 2024. 9th European Congress of Mathematics, Sevilla, Spain.
- 2023. WSSA Symposium 'Crop-Weed Management in a Rising CO_2 and Warming World, Arlington, USA.
- 2022. Fixing the Future Festival, Barcelona, Spain.
- 2022. Botanical Institute of the Armenian Academy of Sciences, Érevan, Armenia.
- 2021. Lifewatch ERIC e-science for Non-indigenous Species Research Workshop.
- 2020. Women in Ecology, Santiago de Compostela, Spain.
- 2020. Invasion Biogeography: Using Big Data to Assess Invasion and Impact at Macroscales Symposia. Ecological Society of America Meeting.
- 2020. Department of Landscape Architecture, Harvard University Graduate School of Design, USA.
- 2019. First Iberian Society of Ecology Meeting (SIBECOL), Barcelona, Spain.
- 2018. Regional Invasive Species and Climate Change (RISCC) Annual Symposium, University of Massachusetts, Amherst, USA.
- 2018. First Iberian Meeting on Agroecology Research, Évora, Portugal.
- 2017. Faculty of Sciences, University of Sydney, Australia.
- 2017. School of Biological Sciences, Queensland University, Brisbane, Australia.
- 2017. Netherlands Institute of Ecology (NIOO-KNAW), Wageningen, Netherlands.
- 2016. State of the World´s Plants Symposium, Royal Botanic Gardens, Kew, UK.

- 2016. Check Academy of Sciences, Pruhonice, Czech Republic.

International competitive research projects

- 2022-2026. Beyond Xylella, integrated strategies for mitigating Xylella fastidiosa impact in Europe (BeXyl). Call HORIZON-CL6-2021 (Project leader: Blanca Landa, IAS-CSIC). Researcher: **M. Vilà**.
- 2022-2024. Developing a macroecological understanding of invasive plant impacts based on abundance and trait data. Powel Center for Analysis and Synthesis (USA) (Project leader: Helen Sofaer, USGS, Hawaï). Joint Researcher: **M. Vilà**.
- 2022-2024. Functional traits and vital rates of plants in invaded communities (EUR2022-134026). Programa Europa Excelencia del Ministerio de Ciencia e Innovación. Project leader: **M. Vilà**.
- 2019-2022. Understanding and managing the impacts of Invasive alien species on Biodiversity and Ecosystem Services (InvasiBES). Eranet-BIODIVERSA PCI2018-092939. Project coordinator: **M. Vilà**.
- 2019-2021. The other side of invasibility: vulnerability of recipient ecosystems. National Center for Ecological Synthesis (NCEAS) and National Science Foundation of the USA (Project leaders: B. Bradley –U Massachusetts & I. Ibáñez –U Michigan). Joint Researcher: **M. Vilà**.
- 2015-2017. Managing stability of biodiversity-based ecosystem services in crops through enhanced density of green infrastructure in agricultural landscapes (ECODEAL), Eranet-BIODIVERSA PCIN-2014-084 (Project leader Y Clout, Swedish University of Agricultural Sciences). Project leader for Spain: **M. Vilà**.
- 2014-2016. Pollinator responses to global change and its implications for ecosystem functioning (BeeFun), PCIG14-GA-2013-631653, Project leader: **M. Vilà**.

Service to international institutions

- 2011-present. IUCN SSC Invasive Species Specialist Group. Member
- 2014- 2024. European Working Group on Biological Invasions (NEOBIOTA). President
- 2015-present. Scientific Forum of the European Regulation on Alien Invasive Species. Member
- 2017, 2019, 2021, 2023. Panel LS8 ERC Consolidator Grants. Member
- 2017- 2020. Ramon Margalef Award for Ecology. Jury Member
- 2019-2023. IPBES Global Assessment on Biological invasions. Lead author

Associate editor

BioScience (2019- present), Ecology Letters (2012- 2026), NEOBIOTA (2010- present) and Biological Invasions (2009- present).

Phd student supervisor

Isabel Gimeno (2005), Roser Doménech (2005), Ignasi Bartomeus (2008), Núria Gassó (2008), Amparo Carrillo (2011), Jara Andreu (2012), Ana Montero (2014), Pablo González-Moreno (2015), Alejandro Trillo (2019), Carlos Zaragoza (2021), Álvaro Bayón (2021), Javier Galán (2021), Raúl Morón (previsible 2027), Loréna Bouseau (previsible 2027), Nicolás Amigó (previsible 2029).