Date of the CVA	21/06/2018

Section A. PERSONAL DATA

Name and Surname	Isabel Martínez Moreno		
DNI	52100603Z	Age	50
Researcher's identification number	Researcher ID	K-8800-2014	
	Scopus Author ID	7101802759	
	ORCID	http://orcid.org/0000-0002-5924-1648	

A.1. Current professional situation

Institution	Universidad Rey Juan Carlos			
Dpt. / Centre	Biología y Geología, Física y Química Inorgánica / Escuela Superior de Ciencias Experimentales y Tecnología			
Address	Área de Biodiversidad y Conservación, ESCET, c/ Tulipán s/n, 28933, Móstoles			
Phone	(34) 914887183	Email	isabel.martinez@urjc.es	
Professional category	Full Professor		Start date	2017
UNESCO spec. code				
Keywords				

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
Doctora en Ciencias Biológicas con Mención Europea	Universidad Complutense de Madrid	1997
Licenciada con Grado en Ciencias Biológicas	Universidad Complutense de Madrid	1993
Licenciado en Ciencias Biológicas Modalidad Botánica	Universidad Complutense de Madrid	1991

A.3. General quality indicators of scientific production

4 recognized periods of research activity

7 Doctoral Thesis supervised in the last 10 years.

Scopus Author ID: 7101802759

Web personal page: http://biodiversos.org/personal/isabel-martinez-romero/

Researchgate: https://www.researchgate.net/profile/Isabel_Martinez/?ev=hdr_xprf

Google Scholar: http://scholar.google.es/citations?hl=es&user=EzYTOGAAAAAJ

Researchgate, RGScore = 36,34 (9647 reads, 2336 citations). My score is higher than 95% of ResearchGate members'.

Google Scholar = 2745 citations, H=27, i10 index = 55)

Me encuentro dentro de los 5000 científicos españoles con mayor índice H (Ranking of Scientists in Spain: From 1 to 5000. CSIC Intramural). http://www.webometrics.info/es/node/24

Section B. SUMMARY OF THE CURRICULUM

I am a Full Professor of the Biodiversity and Conservation Unit in the Department of Biology, Geology, Physics and Inorganic Chemistry of the Rey Juan Carlos University, to which I belong full-time since the year 2000. Currently I have four recognized periods of research activity.

My main research interests focus on lichens, approaching this field from a variety of disciplines, such as conservation biology, community ecology of epiphytic and terricolous lichens, population dynamics of threatened species, taxonomy, systematic, phylogeny and

evolution. I am the head of the Lichenology URJC group, a team that currently includes 3 senior scientists, 1 research assistant, 3 PhD students, and several MSc and BSc thesis students. I keep international collaborations with researchers from Ecuador, Chile, México, Italy, Austria, Portugal, UK, Sweden, etc. I am also involved in several research networks financed by different institutions: REMEDINAL, which is focused on restoration and biodiversity topics and ECOMETAS, dedicated to detect ongoing topics on Ecology and Biodiversity studies.

I have supervised seven Doctoral Thesis, and four more are in process. Moreover, I have directed 18 BSc and 11 MSc. I have also been the leading researcher of 14 R&D projects financed by some important entities such as the Spanish Ministry of Economy and Competitiveness, Ministry of Education, Ministry of Environment, Junta de Castilla-La Mancha, Rey Juan Carlos University, Comunidad de Madrid, etc. Moreover, I have participated as a researcher in 22 projects financed by UE, OHL, Ferrovial, BBVA, CAM, CYTED, URJC, etc. As indicators of my scientific productivity, I have published more than 120 articles, 85 of them in scientific SCI journals (Science, Ecology Letters, Ecological Applications, Philosophical Transactions, Oikos, Biological Conservation, etc.). I also have written 6 books and book chapters. On the other hand, I have presented more than 90 contributions to national or international conferences. Regarding my activity as a professor, I have taught many subjects in the Enviromental Sciences and Biology degrees. I have also participated in different subjects of different Master Degrees (URJC and Interuniversitary MSc in Restoration Ecology). Related to my management activity, I want to highlight that I collaborate with the Spanish National Research Agency since 2014, leading the area of “Evolution, Systematics and Plant Conservation, belonging to the Spanish Ministry of Economy and Competitiveness. I want also to highlight that I am the elected president of the Spanish Lichenological Association since 2011. Moreover, I was Subdirector in the Rey Juan Carlos University, being responsible of the curricula development, during 4 years. I am a reviewer of various scientific journals too (Ecology, American Journal of Botany, Ecological Applications, Fungal Ecology, Journal of Vegetation Science, etc.), as well as reviewer of research projects of the Spanish National Plan and other foreign entities (Argentina, Chile, the Netherlands, EU, etc.). I am also a member of the Editorial Committee of the journal “Anales del Jardín Botánico de Madrid”. I am interested in science diffusion activity, so I have participated in the Science Week, Researchers Night, etc. Furthermore, I have organized different academic activities, such as the 1st Science and Human Rights Conference in the URJC, the Spanish Biology Deans Conference, or the XXI Criptogamic Botany Meeting.

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

1 **Scientific paper**. Concostrina-Zubiri; Martínez; Escudero. 2018. Lichen-biocrust diversity in a fragmented dryland: fine scale factors are better predictors than landscape structure.Science of the Total Environment. 628-629, pp.882-892.
2 **Scientific paper**. Sonia Merinero; et al. (4/4). 2017. Variation in the reproductive strategy of a lichenized fungus along a climatic gradient Annals of Botany. Oxford. ISSN 0305-7364.
3 **Scientific paper**. Juan-Luis Hidalgo; Gregorio Aragón; Isabel Martínez. 2017. A species on a tightrope or how to find the equilibrium American Journal of Botany. ISSN 0002-9122.
4 **Scientific paper**. Marta Rubio-Salcedo; et al. 2017. Case study of the implications of climate change for lichen diversity and distributions Biodiversity and Conservation. Springer. ISSN 0960-3115.
5 **Scientific paper**. Sonia Merinero; Gregorio Aragón; Isabel Martínez. (3/3). 2017. INTRASPECIFIC LIFE HISTORY VARIATION IN CONTRASTING HABITATS: INSIGHTS FROM AN OBLIGATE SYMBIOTIC ORGANISM American Journal of Botany. Botanical Society of America. ISSN 1537-2197.
6 **Scientific paper**. María Prieto; et al. (4/2). 2017. Phylogenetic and phenotypic structure of lichen communities under contrasting environmental conditions Journal of Vegetation Science. Wiley. ISSN 1654-1103.

7 **Scientific paper**. Mónica A.G. Otálora; et al. (4/2). 2017. Species delimitation and phylogeography of the Pectenia species-complex: a misunderstood case of species-pairs in lichenized fungi, where reproduction mode does not delimit lineages Fungal Biology. Elsevier. ISSN 1878-6146.
8 **Scientific paper**. Gregorio Aragón; et al. (4/3). 2016. A survey method for assessing the richness of epiphytic lichens using growth forms.Ecological Indicators. 62, pp.101-105.
9 **Scientific paper**. Juan Luis Hidalgo; et al. (4/2). 2016. Epiphyte communities in Mediterranean fragmented forests: importance of the fragment size and the surrounding matrix.Landscape Ecology.
10 **Scientific paper**. Sonia Merinero; et al. (4/2). 2015. Epiphytic lichen growth in Mediterranean forests: Effects of proximity to the ground and reproductive stage.Basic and Applied Ecology. 16, pp.220-230.
11 **Scientific paper**. María Prieto; et al. (5/5). 2015. Development and characterization of fungal specific microsatellite markers in the lichen Lobarina scrobiculata (Lobariaceae, Ascomycota) Lichenologist. 47, pp.183-186.
12 **Scientific paper**. Gregorio Aragón; et al. (4/4). 2015. Edge type determines the intensity of forest edge effect on epiphytic communities.European Journal of Forest Research. 134, pp.443-451.
13 **Scientific paper**. Paula Matos; et al. (7/4). 2015. Lichen traits responding to aridity.Journal of Ecology. 103, pp.451-458.
14 **Scientific paper**. Mónica Otálora; et al. (6/6). 2015. The threatened epiphytic lichen Lobaria pulmonaria in the Iberian Peninsula: Genetic diversity and structure across a latitudinal gradient.Fungal Biology. Elsevier. 119, pp.802-811. ISSN 1878-6146.
15 **Scientific paper**. Marta Rubio-Salcedo; Sonia Merinero; Isabel Martínez. (3/3). 2015. Tree species and microhabitat influence the population structure of the epiphytic lichen Lobaria pulmonaria.Fungal Ecology. Elsevier. 18, pp.1-9. ISSN 1754-5048.
16 **Scientific paper**. Laura Concostrina Zubiri; et al. (7/3). 2014. Biological soil crusts across disturbance–recovery scenarios: effect of grazing regime on community dynamics.Ecological Applications. Ecological Society of America. pp.1863-1877. ISSN 1051-0761.
17 **Scientific paper**. Laura Concostrina Zubiri; et al. (4/3). 2014. Climate and small scale factors determine functional diversity shifts of biological soil crusts in Iberian drylands.Biodiversity and Conservation. Springer. 23, pp.1757-1770. ISSN 1572-9710.
18 **Scientific paper**. Sonia Merinero; et al. (4/4). 2014. Environmental factors that drive the distribution and abundance of a threatened cyanolichen in Southern Europe: A multi-scale approach.American Journal of Botany. Botanical Society of America. 101, pp.1876-1885.
19 **Scientific paper**. Laura Concostrina-Zubiri; et al. (4/2). 2014. The influence of environmental factors on biological soil crust: from a community perspective to a species level approach Journal of Vegetation Science. 25: 503-513., pp.503-513.
20 **Scientific paper**. Isabel Martínez; et al. 2014. What factors influence Degelia plumbea situation (a threatened species) in Mediterranean Spain? Fungal Ecology. 11, pp.50-59.
21 **Scientific paper**. Laura Concostrina-Zubiri; et al. (5/3). 2013. Biological soil crusts greatly contribute to small-scale soil heterogeneity along a grazing gradiente Soil Biology and Biochemistry. 64, pp.28-36.
22 **Scientific paper**. Mónica A.G. Otálora; et al. (4/3). 2013. Cardinal characters on a slippery slope - A re-evaluation of phylogeny, character evolution, and evolutionary rates in the jelly lichens (Collemataceae s. str.) Molecular Phylogenetic and Evolutiom. 68, pp.185-198.
23 **Scientific paper**. Mónica A. G. Otálora; et al. (4/3). 2013. Does the reproductive strategy affect the transmission and genetic diversity of bionts in cyanolichens? A case study using two closely related species.Microbial Ecology. 65, pp.517-530.
24 **Scientific paper**. Gregorio Aragón; et al. (4/3). 2013. Estimating epiphytic lichen richness by simple families in Mediterranean forests Forest Ecology and Management. 310, pp.187-193.
25 **Scientific paper**. Marta Rubio-Salcedo; et al. (4/2). 2013. Poor effectiveness of the Natura 2000 network protecting Mediterran Journal for Nature Conservation. 21, pp.1-9.

26 **Scientific paper**. Cristina Escolar; et al. (4/2). 2012. Warming reduces the growth and diversity of biological soil crust in a semi-arid environment: implications for ecosystem structure and function PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B. Royal Society. 367, pp.3087-3099. ISSN 0962-8436.

27 **Popular science article**. Isabel Martínez. 2016. Los líquenes y su conservación en España Conservación Vegetal. Sociedad Española de Biología de la Conservación de Plantas. 20.

28 Laura Concostrina-Zubiri; et al. 2013. Efectos y respuestas de la Costra Biológica del Suelo en ecosistemas áridos: avances recientes a nivel de especie Ecosistemas.

C.2. Participation in R&D and Innovation projects

1 A GLOBAL INITIATIVE TO UNDERSTAND GYPSUM ECOSYSTEM ECOLOGY H2020-MSCA-RISE-2017. 01/01/2018-31/12/2021. 720.000 €.

2 Reglas ecológicas de ensamblaje de comunidades epífitas: una visión desde el Hemisferio Sur. Ministerio de Economía y Competitividad. Isabel Martínez. (Universidad Rey Juan Carlos). 2017-2020. 199.650 €.

3 Restauración y conservación de los ecosistemas mediterráneos: respuesta frente al cambio global Comunidad de Madrid. (Universidad Rey Juan Carlos). 01/10/2014-30/09/2018.

4 Incidencia de algunos motores de cambio global sobre organismos epífitos: desde poblaciones a comunidades en múltiples escalas espaciales (EPIDIVERSITY). Isabel Martínez. (Universidad Rey Juan Carlos). 2014-2016. 128.260 €.

5 Conexión de flujos ecológicos mediante infraestructuras lineales de trans`porte terrestre (ECONET). OBRASCON HUARTE LAIN S.A.. Adrián Escudero. (Universidad Rey Juan Carlos). 2012-2015.

6 Influencia de la calidad del paisaje sobre la conservación de organismos epífitos en bosques mediterráneos Ministerio de Ciencia e Innovación. I. Martínez. (Universidad Rey Juan Carlos). 01/01/2011-31/12/2013. 130.486 €.

7 Restauración y Conservación de los Ecosistemas Madrileños: Respuestas frente al cambio global. REMEDINAL 2 Comunidad Autónoma de Madrid. A. Escudero. (Universidad Rey Juan Carlos). 01/01/2010-31/12/2013.

8 Calibración de la gestión forestal mediante indicadores liquénicos Consejería de Educación y Ciencia, Junta de Comunidades de Castilla-La Mancha. I. Martínez. (Universidad Rey Juan Carlos). 01/04/2009-31/03/2011. 136.000 €.

9 Elaboración de bases experimentales para la sostenibilidad ecológica de los taludes de qutopista (EXPERTAL) Fundación Biodiversidad. F. Maestre. (Universidad Rey Juan Carlos). 26/09/2009-25/09/2010.

C.3. Participation in R&D and Innovation contracts

C.4. Patents