

Short Curriculum Vitae
Mediterranean Journal of Biosciences
Editorial Board

Name: Ignacio J. Diaz-Maroto
Date: May 2015

SURNAMES: Diaz-Maroto Hidalgo

NAME: Ignacio J.

WORK ADDRESS: High School Polytechnic; University Campus s/n

CITY: Lugo *ZIP:* 27002 *COUNTRY:* Spain *PHONE:* +34 982 823 232

RESEARCH LINES (UNESCO CODES): 310601-Conservation; 310604-Forest Management; 310699-Protected Natural Areas

ACADEMIC FORMATION

DEGREE: Forestry Engineering; *FACULTY:* Engineering Superior Technical School of Forests (Polytechnic University of Madrid) *DATA:* February 24th, 1992

PhD: Forestry Engineering, Ph.D.; *FACULTY:* Engineering Superior Technical School of Forests (Polytechnic University of Madrid) *DATA:* June 10th, 1997

CURRENT PROFESIONAL SITUATION

ORGANIZATION: University of Santiago de Compostela

FACULTY: High School Polytechnic

DEPARTMENT: Agricultural and Forestry Department

ACADEMIC CATEGORY: Professor

LANGUAGES SCIENTIFIC INTEREST (R = regular, B = well, C= correctly)

<i>LANGUAGE</i>	<i>SPEAK</i>	<i>READ</i>	<i>WRITE</i>
English	C	C	C
French	B	C	B
Portuguese	R	B	R

RESEARCH PROJECTS FUNDED

TITLE: The use of grazing on forest fire prevention. Technical, environmental effects and impact on afforestation (From 1991 to 1994)

FUNDING BODY: Instituto Nacional de Investigaciones Agrarias (INIA nº 9562)

PRINCIPAL RESEACHER: Dr. Francisco Javier Silva-Pando

TITLE: Ecological study of oak forests (From 1991 to 1995)

FUNDING BODY: Galicia Government

PRINCIPAL RESEACHER: Dr. Francisco Javier Silva-Pando

TITLE: Lourizán arboretum (Conservation and maintenance) (From 1991 to 1995)

FUNDING BODY: Galicia Government

PRINCIPAL RESEACHER: Dr. Francisco Javier Silva-Pando

TITLE: Breeding and cloning of fast growing exotic species to Northern Spain (From 1993 to 1996)

FUNDING BODY: Instituto Nacional de Investigaciones Agrarias (INIA SC93-097)

PRINCIPAL RESEACHER: Guillermo Vega Alonso

TITLE: Utilization of detritus of granite quarry for construction and road sub-base stabilization (From 1994 to 1995)

FUNDING BODY: Galicia Government (XUGA29105A93)

PRINCIPAL RESEACHER: Dr. Javier Jevenois Acillona

TITLE: The genus *Quercus* in the northwest of the Iberian Peninsula: Taxonomy and Ecology (From 1994 to 1997)

FUNDING BODY: Instituto Nacional de Investigaciones Agrarias (INIA SC94-047)

PRINCIPAL RESEACHER: Dr. Francisco Javier Silva-Pando

TITLE: Quantitative assessment of landscape impact pathways produced by low traffic density. Case of the Sierra de Ancares (From 1995 to 1997)

FUNDING BODY: Comisión Interministerial de Ciencia y Tecnología (CICYT AMB95-0225)

PRINCIPAL RESEACHER: Dr. Ignacio Cañas Guerrero

TITLE: Study of growth and production of regular pine of *Pinus radiata* D. Don in Galicia (From 1996 to 1998)

FUNDING BODY: Galicia Government (XUGA29105B96)

PRINCIPAL RESEACHERES: Dr. Roque Rodríguez Soalleiro and Dr. Alberto Rojo Alboreca

TITLE: Agreement for planning and sustainable management of forests in Galicia (From 1998 to 1999)

FUNDING BODY: Galicia Government (1998/CP347)

PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Effect of thinning and opening gaps in the growth and regeneration of *Quercus robur* in Northwest Spain (From 1998 to 2001)

FUNDING BODY: Instituto Nacional de Investigaciones Agrarias (INIA SC98-062)

PRINCIPAL RESEACHER: Dr. Francisco Javier Silva-Pando

TITLE: Study of the growth and production in *Quercus robur* L. stands in Galicia and its influence on the quality of the wood (From 1999 to 2001)
FUNDING BODY: Galicia Government (PGIDT99MA29101)
PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Agreement to carry out a research project on planning and sustainable management of forests in Galicia (2000)
FUNDING BODY: Galicia Government (2000/CP158)
PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Using Geographic Information Systems in the development of methodologies for inventory and monitoring of forest resources (From 2000 to 2001)
FUNDING BODY: Plan Nacional I+D, Fondos FEDER y Norte Forestal, S.A. (1FD97-2389)
PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Management team alphanumeric and cartographic data, to implement GIS (From 2000 to 2001)
FUNDING BODY: PGIDT – PXI (Galicia Government)
PRINCIPAL RESEACHER: Dr. Carlos Álvarez López

TITLE: Study models of visual classification of standing timber in natural stands of *Quercus* in Galicia (From 2002 to 2005)
FUNDING BODY: Galicia Government (PGIDIT02RFO29101PR)
PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: System support for production management. Numerical integration of technical and economic parameters in the decision-making processes (From 2003 to 2006)
FUNDING BODY: Galicia Government (PGIDIT03RAG29101PR)
PRINCIPAL RESEACHER: Dr. Carlos José Álvarez López

TITLE: Models of evolution of native hardwood forests of north-western peninsular (From 2007 to 2010)
FUNDING BODY: Plan Nacional I+D+i, Dirección General de Investigación, Subdirección General de Proyectos de Investigación (AGL2007-66739-C02-01/FOR)
PRINCIPAL RESEACHER: Dr. Ulises Diéguez Aranda

TITLE: Characterization of the structure, dynamics and silvicultural regeneration in natural stands of *Q. robur* L. in Galicia as a basis for sustainable management (From 2007 to 2010)
FUNDING BODY: Galicia Government (07MRU046291PR)
PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Eco-forestry study of natural stands of *Quercus pyrenaica* Willd. Analysis of the dynamics and structure in the NW of the Iberian Peninsula (2009)
FUNDING BODY: Galicia Government (INCITE09PXI29130PC)
PRINCIPAL RESEACHER: Dr. Pablo Vila Lameiro

TITLE: Characterization ecological-silvicultural stands of oak and chestnut in northwest Spain of interest for the wine industry (From 2009 to 2011)
FUNDING BODY: Plan Nacional I+D+i, Dirección General de Investigación (AGL2008-04913-C02-02). *PRINCIPAL RESEACHER:* Dr. Ignacio Javier Díaz-Maroto Hidalgo

TITLE: Eco-forestry study of natural stands of *Quercus pyrenaica* Willd. Analysis of the dynamics and structure in the NW of the Iberian Peninsula (2010)

FUNDING BODY: Galicia Government (10PXIX291008PC)

PRINCIPAL RESEACHER: Dr. Pablo Vila Lameiro

TITLE: Analysis of the structure and viability of the sawmilling industry in Galicia: definition of actions needed to improve the sector's future (PGIDIT10MRU291038PR) (From 2011 to 2013)

FUNDING BODY: Galicia Government

PRINCIPAL RESEACHER: Dr. Pablo Vila Lameiro

TITLE: Consolidation and structuring CPG IG-1720 Energy, Mechanisation and Agroforestry Modelling (2014-PG059) (From 2014 to 2016)

FUNDING BODY: Galicia Government

PRINCIPAL RESEACHER: Dr. Ignacio Javier Díaz-Maroto Hidalgo

PUBLICATIONS

(CODE: B = Full Book, BC = Book Chapter, A = Article, R = Review, E = Editor)

AUTHOR: Díaz-Maroto, I.J.

TITLE: Technical Sheet of National Timbers: Scots pine

REFERENCE: ACOMAT (Revista de la Asociación de Empresarios del Comercio de la Madera de Madrid) 68: 16-22 (1991)

CODE: A

AUTHORS: Silva-Pando, F.J., Díaz-Maroto, I.J., Prunell, A., Alonso, M.

TITLE: Ecological and structural characterization of the beech forests in Galicia (NW Iberian Peninsula)

REFERENCE: Investigación Agraria: Sistemas y Recursos Forestales. Fuera de serie 1, vol. II: 155-166 (1992)

CODE: A

AUTHORS: Díaz-Maroto, I.J., Prunell, A., González, M.P., Silva-Pando, F.J.

TITLE: Phenological study of shrub and tree species of oak Atlantic

REFERENCE: Ponencias y Comunicaciones I Congreso Forestal Español, vol. I: 239-244 (1993)

CODE: BC

AUTHORS: Silva-Pando, F.J., González, M.P., Díaz-Maroto, I.J., Rozados, M.J.

TITLE: Ecological characterization of deciduous tree communities of NW Peninsular

REFERENCE: Ponencias y Comunicaciones I Congreso Forestal Español, vol. I: 441-446 (1993)

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Silva-Pando, F.J., González, M.P., Prunell, A.

TITLE: Variations in light intensity and temperature under deciduous hardwood cover an area of mixed "fraga" in Galicia

REFERENCE: Anais do Instituto Superior de Agronomia de Lisboa, vol. XLIV, Fasc. 2º: 467-480 (1994)

CODE: A

AUTHOR: Díaz-Maroto, I.J.

TITLE: Scots pine: species spread over large areas of Europe and Asia

REFERENCE: ACOMAT (Revista de la Asociación de Empresarios del Comercio de la Madera de Madrid) 83: 25-32 (1994)

CODE: A

AUTHOR: Díaz-Maroto, I.J.

TITLE: Evolution of the methods of forest management in Spain. Current situation

REFERENCE: ISBN: 84-89189-11-0; Legal Deposit: LU-241-1995; 65 pp.

CODE: B

AUTHORS: Rigueiro, A., Díaz-Maroto, I.J., Rodríguez, R.

TITLE: Reforestation with deciduous hardwoods in Galicia

REFERENCE: ISBN: 84-89189-25-0; Legal Deposit: LU-647-1995; 209 pp.; *CODE:* E

AUTHOR: Díaz-Maroto, I.J.

TITLE: Native oaks: Nurseries and reforestation. Forestry, Products and Pathology

REFERENCE: Reforestation with deciduous hardwoods in Galicia: 70-106 (1995)

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Silva-Pando, F.J.

TITLE: Management stands of *Quercus robur* L. in Northwest Peninsular

REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 1: 211-219 (1995)

CODE: A

AUTHORS: Grandas, J.A., Díaz-Maroto, I.J., Silva-Pando, F.J.

TITLE: Silvicultural indicators of site quality of *Quercus pyrenaica* Willd. forests Galician

REFERENCE: Comunicaciones II Congreso Forestal Español IV: 339-344 (1997)

CODE: BC

AUTHORS: Negral, M.A., Rodríguez, M.A., Díaz-Maroto, I.J., Romero, R.

TITLE: Distribution and characterization ecological and dasometric of *Fagus sylvatica* L. in Galicia

REFERENCE: Comunicaciones II Congreso Forestal Español IV: 423-428 (1997)

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Riesco, G.

TITLE: Forest Inventory Practices

REFERENCE: Legal Deposit: LU-221-1997; 46 pp.

CODE: B

AUTHORS: Díaz-Maroto, I.J., Grandas, J.A., Silva-Pando, F.J.

TITLE: Management stands of *Pinus radiata* D. Don in Galicia

REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 6: 159-168 (1998)

CODE: A

AUTHORS: Díaz-Maroto, I.J., Rengifo, F.

TITLE: Inventory and Forest Harvesting

REFERENCE: ISBN: 84-605-7278-1; Legal Deposit: LU-101-1998; 226 pp.

CODE: E

AUTHOR: Díaz-Maroto, I.J.

TITLE: National Forest Inventories

REFERENCE: Inventory and Forest Harvesting: 78-94 (1998)

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Riesco, G.

TITLE: Forest Inventory

REFERENCE: ISBN: 84-605-7192-0; Legal Deposit: LU-42-1998; 149 pp.

CODE: B

AUTHORS: Díaz-Maroto, I.J., Díaz-Maroto, M.C.

TITLE: Notes Cadastre

REFERENCE: Legal Deposit: LU-102-1998; 49 pp.

CODE: B

AUTHORS: Barrio, M., Díaz-Maroto, I.J., Rojo, A.
TITLE: Management of “rebollares” in Public Utility Forests in Natural Park Sanabria Lake and surrounding (Zamora)
REFERENCE: Montes (Revista de Ámbito Forestal) 62(4): 21-28 (2000)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Álvarez, J.G.
TITLE: Dasometric characterization of *Quercus robur* L. forests of Sobrado dos Monxes (A Coruña province): Plan of Conservation, Improvement and Management
REFERENCE: Montes (Revista de Ámbito Forestal) 64(2): 19-28 (2001)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., García, O.
TITLE: Validation of data from inventories at forest scale
REFERENCE: Comunicaciones III Congreso Forestal Español III: 306-313 (2001)
CODE: BC

AUTHORS: Barrio, M., Díaz-Maroto, I.J., Álvarez, J.G., Balboa, M.
TITLE: Quality curves of *Quercus robur* L. in the North of Lugo province
REFERENCE: Comunicaciones III Congreso Forestal Español III: 453-458 (2001)
CODE: BC

AUTHORS: Manin, G., Barrio, M., Díaz-Maroto, I.J.
TITLE: Table of cubage with classification of products of *Quercus robur* L. in the North of Lugo province
REFERENCE: Comunicaciones III Congreso Forestal Español III: 592-598 (2001)
CODE: BC

AUTHORS: Amigo, J., Silva-Pando, F.J., González, M.P., Díaz-Maroto, I.J.
TITLE: Floristic diversity in the Northwest Atlantic oak woods of the Iberian Peninsula
REFERENCE: Comunicaciones III Congreso Forestal Español V: 169-175 (2001)
CODE: BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J.
TITLE: Importance and shortcomings of quality control in the forest industry
REFERENCE: Comunicaciones III Congreso Forestal Español V: 507-516 (2001)
CODE: BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J.
TITLE: The current stands of *Quercus petraea* in Galicia
REFERENCE: Investigación Agraria: Sistemas y Recursos Forestales, vol. 11(1): 5-28 (2002)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: *Eucalyptus globulus* and pulp production in Galicia
REFERENCE: Montes (Revista de Ámbito Forestal) 68(2): 39-46 (2002)
CODE: A

AUTHORS: Pumares, M.P., Díaz-Maroto, I.J., Rigueiro, A., Vila-Lameiro, P.
TITLE: Silvopastoral management in Toxiza and Braña forests (Mondoñedo; Lugo)
REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 14: 89-94 (2002)
CODE: A

AUTHOR: Díaz-Maroto, I.J.
TITLE: General framework of the Spanish outlook planner: Special case of Galicia
REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 14: 119-124 (2002)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Diéguez, U., Riesco, G.
TITLE: Forest Inventory Practices, 2^{sd} Ed., (2003)
REFERENCE: Legal Deposit: LU-221-1997; 55 pp.
CODE: B

AUTHORS: Barrio, M., Díaz-Maroto, I.J., Álvarez, J.G., Vila-Lameiro, P.
TITLE: The problem of regeneration of deciduous and marcescent oaks in Northwest Spain
REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 15: 95-100 (2003)
CODE: A

AUTHORS: Coro, R., Barrio, M., Díaz-Maroto, I.J., López, C.
TITLE: Influence of the stand parameters on wood properties: Study in natural stands of *Quercus robur* L. in the Northwest of Spain
REFERENCE: Proceedings Fourth Workshop IUFRO “Connection between Forest Resources and Wood Quality: Modelling Approaches and Simulation Software”: 329-336 (2004)
CODE: BC

AUTHORS: Barrio, M., Álvarez, J.G., Díaz-Maroto, I.J.
TITLE: Development of a tariff with classification of products by *Quercus robur* L. in Galicia based in a model of percentage volume
REFERENCE: Investigación Agraria: Sistemas y Recursos Forestales, vol. 13(3): 506-517 (2004)
CODE: A

AUTHORS: Riesco, G., Díaz-Maroto, I.J.
TITLE: Variation with age of height-diameter models in *Pinus radiata* D. Don in Galicia
REFERENCE: Proceedings International IUFRO Meeting “The Economics and Management of High Productivity Plantations” (2004)
CODE: BC

AUTHORS: Barrio, M., Álvarez, J.G., Díaz-Maroto, I.J., López, C.
TITLE: Generalized height-diameter relationship for *Quercus robur* L. in Galicia
REFERENCE: Cuadernos Sociedad Española Ciencias Forestales 18: 141-146 (2004)
CODE: A

AUTHORS: Barrio, M., Álvarez, J.G., Díaz-Maroto, I.J.
TITLE: Percentage of heartwood of *Quercus robur* L. wood in Galicia: relation to age and site quality
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005); *CODE:* BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J., Fernández-Parajes, J.
TITLE: Description of the dominant layer of natural stands of *Quercus petraea* in north-western Peninsular
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005)
CODE: BC

AUTHORS: Fernández-Parajes, J., Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Ecological characterization of *Quercus pyrenaica* Willd. in Galicia
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005)
CODE: BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J., Fernández-Parajes, J.
TITLE: Description physiographic and climatological station of *Quercus petraea* in Northwest Spanish
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005)
CODE: BC

AUTHORS: Fernández-Parajes, J., Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Study physical properties of wood in natural stands of *Quercus pyrenaica* Willd. in Galicia
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005)
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Fernández-Parajes, J.
TITLE: Protected Natural Areas Planning in Galicia: Natura 2000 network and Conservation Plans
REFERENCE: Comunicaciones IV Congreso Forestal Español (2005)
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Protected Natural Areas: Sustainable Development Models
REFERENCE: Políticas Urbanas y Territoriales en la Península Ibérica, Tomo II: 105-112 (2005)
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Silva-Pando, F.J.
TITLE: Autoecology of oaks (*Quercus robur* L.) in Galicia (Spain)
REFERENCE: Annals of Forest Science 62(7): 737-749 (2005)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Seasonal evolution soil chemical properties and macronutrients in natural forests of *Quercus robur* L. in Galicia, Spain
REFERENCE: Agrochimica 49(5-6): 201-211 (2005)
CODE: A

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J.
TITLE: Study of the influence of environmental factors of the width of growth rings in *Quercus petraea* (Matts.) Liebl. through interpretation of digital images
REFERENCE: Wood Research 50(3): 23-36 (2005); *CODE:* A

AUTHORS: Díaz-Maroto, M.C., Díaz-Maroto, I.J., Sánchez-Palomo, E., Pérez-Coello, M.S.
TITLE: Volatile components and key odorants of fennel (*Foeniculum vulgare* Mill.) and thyme (*Thymus vulgaris* L.) oil extracts obtained by SDE and SFE
REFERENCE: Journal of Agricultural and Food Chemistry 53(13): 5385-5389 (2005)
CODE: A

AUTHORS: Fernández-Parajes, J., Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Physical and mechanical properties of rebollo oak (*Quercus pyrenaica* Willd.) wood in Galicia (Spain)
REFERENCE: Wood Research 50(4): 1-15 (2005)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Fernández-Parajes, J., Vila-Lameiro, P.
TITLE: Autecology of rebollo oak (*Quercus pyrenaica* Willd.) in Galicia (Spain)
REFERENCE: Annals of Forest Science 63(2): 157-167 (2006)
CODE: A

AUTHORS: Guchu, E., Díaz-Maroto, M.C., Díaz-Maroto, I.J., Vila-Lameiro, P., Pérez-Coello, M.S.
TITLE: Influence of the species and geographical location on volatile composition of Spanish oak (*Quercus petraea* Liebl. and *Quercus robur* L.)
REFERENCE: Journal of Agricultural and Food Chemistry 54(8): 3062-3066 (2006)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Analysis of the distribution of *Quercus robur* L. in Galicia, Spain
REFERENCE: Ekológia-Bratislava 25(3): 234-251 (2006)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Litter production and composition in natural stands of *Quercus robur* L., Galicia, Spain
REFERENCE: Polish Journal of Ecology 54(3): 429-439 (2006)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Comparison between chemical properties and macronutrients content in natural forests of *Quercus robur* L. and *Quercus pyrenaica* Willd. in Galicia, Spain
REFERENCE: Agrochimica 50(5-6): 200-209 (2006)
CODE: A

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J., Fernández-Parajes, J.
TITLE: Study of technological suitability of *Quercus* spp. timber with small test tubes
REFERENCE: Wood Research 51(4): 23-36 (2006)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Díaz-Maroto, M.C.
TITLE: Autecology of sessile oak (*Quercus petraea*) in the northwest Iberian Peninsula
REFERENCE: Scandinavian Journal of Forest Research 21(6): 458-469 (2006)
CODE: A

TITLE: Effects of thinning on nutrient input by rainfall and litterfall in natural hardwood forest at Mt. Joongwang, South Korea
REFERENCE: Forestry (2006)
CODE: R

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Deciduous and semi-deciduous oak forests (*Quercus robur*, *Q. petraea* and *Q. pyrenaica*) floristic composition in Northwest Iberian Peninsula
REFERENCE: Biologia 62(1-2): 163-172 (2007)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Fernández-Parajes, J., Vila-Lameiro, P.
TITLE: Chemical properties and edaphic nutrients content of natural stands of *Quercus pyrenaica* Willd. in Galicia (Spain)
REFERENCE: Eurasian Soil Science 40(5): 522-531 (2007)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Natural forests of *Quercus robur* L. in Northwest Spain – main properties of soils
REFERENCE: Polish Journal of Ecology 55(2): 401-404 (2007)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Guchu, E., Díaz-Maroto, M.C.
TITLE: A comparison of the autecology of *Quercus robur* L. and *Q. pyrenaica* Wild.: present habitat in Galicia, NW Spain
REFERENCE: Forestry 80(3): 223-239 (2007)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Chemical properties and nutrient contents of soils under natural stands of *Quercus petraea* (Matts.) Liebl. in northwest Spain
REFERENCE: Allgemeine Forst Und Jagdzeitung 178(9-10): 180-188 (2007)
CODE: A

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J.
TITLE: Use of digital images in computer-assisted dendrochronological analysis of deciduous hardwoods
REFERENCE: Wood Research 52(3): 15-32 (2007)
CODE: A

TITLE: Identifying forest structure types using National Forest Inventory data
REFERENCE: Scandinavian Journal of Forest Research (2007)
CODE: R

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Chemical properties and macronutrients of oak soils in Northwest of Spain
REFERENCE: Communications in Soil Science and Plant Analysis 39(5): 1416-1435 (2008)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Pedunculate oak (*Quercus robur* L.) silviculture in natural stands of NW Spain: Environmental conditioners
REFERENCE: Forest Ecology and Management 256(4): 702-711 (2008)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Chemical properties and soil macronutrients in natural stands of *Quercus robur* L. and *Q. petraea* Liebl. in NW Spain
REFERENCE: Agrochimica 52(2): 1-11 (2008)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Historic evolution and land use changes of natural broadleaf forests in northwest Iberian Peninsula
REFERENCE: Scandinavian Journal of Forest Research 23(4): 371-379 (2008)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lamiero, P.
TITLE: Natural forests of *Q. pyrenaica* Willd. in Galicia, NW Spain-main edaphic properties
REFERENCE: Journal of Plant Nutrition 31(10): 1711-1722 (2008)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.; Rodríguez-Campos,A.; Vizoso-Aguirre, O.; García-Álvarez, E.; Barcala-Pérez, E.; Ferro-Fernández, I.
TITLE: Models for Sustainable Forest Management in the Atlantic forests and its impact on Rural Development
REFERENCE: ISBN: 978-84-931244-5-8; Legal Deposit: LU-131-2009. CD Rom
CODE: E

AUTHOR: Díaz-Maroto, I.J.
TITLE: Introduction to Natural Areas Management and Sustainable Forest Management
REFERENCE: Models for Sustainable Forest Management in the Atlantic forests and its impact on Rural Development; ISBN: 978-84-931244-5-8; Legal Deposit: LU-131-2009. CD Rom
CODE: BC

AUTHOR: Díaz-Maroto, I.J.
TITLE: Sustainable Forest Management
REFERENCE: Models for Sustainable Forest Management in the Atlantic forests and its impact on Rural Development; ISBN: 978-84-931244-5-8; Legal Deposit: LU-131-2009. CD Rom
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Natural forests of sessile oak (*Quercus petraea* Liebl.) in northwest of Iberian Peninsula – influence of soil type and site on the composition of the mineral topsoil
REFERENCE: Acta Agric. Scandinavica B-Plant Soil Science 59(6): 506-513 (2009)
CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.
TITLE: Nutrient status in oak forests in Galicia, NW Spain: Foliar and soil concentration
REFERENCE: Communications in Soil Science and Plant Analysis 40(11-12): 1906-1923 (2009)
CODE: A

AUTHORS: Díaz-Maroto, M.C., Alañón Pardo, M.E., Castillo, N., Díaz-Maroto, I.J., Pérez-Coello, M.S.
TITLE: Effect of storage conditions on volatile composition of dried rosemary (*Rosmarinus officinalis* L.) leaves
REFERENCE: Flavour and Fragrance Journal 23(5): 245-250 (2009)
CODE: A

AUTHORS: Rodríguez-Campos, A.M., Vila-Lameiro, P., Barcala-Pérez, E., Díaz-Maroto, I.J.
TITLE: Characterization of natural regeneration in stands of *Quercus robur* L. in Galicia
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J., Barcala-Pérez, E., Ferro-Fernández, I.
TITLE: Building a profile function for *Quercus petraea* in north-western Peninsular
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Barcala-Pérez, E., Díaz-Maroto, I.J., Vila-Lameiro, P., Rodríguez-Campos, A.M.
TITLE: Plan for Public Use of Natural Park “Monte Aloia” (Tui, Pontevedra)
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Vila-Lameiro, P., Barcala-Pérez, E., Díaz-Maroto, I.J., Rodríguez-Campos, A.M.
TITLE: Comparison between different methods of measurement of average annual growth ring in deciduous hardwoods xilologic studies
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Vila-Lameiro, P., Díaz-Maroto, I.J., Barcala-Pérez, E., Ferro-Fernández, I.
TITLE: Analysis of the statistical significance of the test tube size wooden xilologic studies and its relevance to current normative
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Rodríguez-Campos, A.M., Barcala-Pérez, E.
TITLE: Historical overview of the evolution of natural forests of *Quercus* spp. in the northwest of the Iberian Peninsula
REFERENCE: Ponencias y Comunicaciones V Congreso Forestal Español (2009)
CODE: BC

AUTHORS: Díaz-Maroto, I.J., Díaz-Maroto, V., Vila-Lameiro, P.
TITLE: The drying of wood: Manual and automatic
REFERENCE: ISBN: 978-84-931244-6-5; Legal Deposit: LU-333-2009, 157 pp.
CODE: B, E

AUTHOR: Díaz-Maroto, I.J. (Editor)

REFERENCE: Spanish Journal of Rural Development (SJRD). ISSN (paper version): 2171-1216; ISSN (online version): 2172-2277; Legal Deposit: LU 224-2009

CODE: E

AUTHORS: Díaz-Maroto, I.J.; Vila-Lameiro, P.; Vizoso-Arribe, O.; Rego, L.

TITLE: Sustainable Forest Management and Rural Development in Atlantic forests

REFERENCE: ISBN: 978-84-931244-7-2; Legal Deposit: LU-172-2010. CD Rom

CODE: E

AUTHOR: Díaz-Maroto, I.J.

TITLE: Planning and Management of Natural Areas and their impact on Rural Development

REFERENCE: Sustainable Forest Management and Rural Development in Atlantic forests;

ISBN: 978-84-931244-7-2; Legal Deposit: LU-172-2010. CD Rom

CODE: BC

AUTHOR: Díaz-Maroto, I.J.

TITLE: Sustainable Forest Management as a key tool for Rural Development

REFERENCE: Sustainable Forest Management and Rural Development in Atlantic forests;

ISBN: 978-84-931244-7-2; Legal Deposit: LU-172-2010. CD Rom

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Site index model for natural stands of rebollo oak (*Quercus pyrenaica* Willd.) in Galicia, NW Iberian Peninsula

REFERENCE: Ciência Florestal 20(1): 57-68 (2010)

CODE: A

AUTHORS: Rodríguez-Campos, A.M., Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Comparison of the autecology of *Quercus robur* L. and *Q. petraea* (Mattuschka) Liebl. stands in the Northwest of the Iberian Peninsula

REFERENCE: Annals of Forest Research 53(1): 7-25 (2010)

CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Study of the concentration of some essential micronutrients in natural stands of *Quercus petraea* Liebl Matts. and *Q. pyrenaica* Willd. in north-western peninsular.

REFERENCE: Spanish Journal of Rural Development "Ponencias del IV Congreso Ibérico de la Ciencia del Suelo" 1(Special Number 2): 91-100 (2010)

CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Conservation of beech in depressed areas subject to depopulation and land use changes: Beech Busmayor (León)

REFERENCE: Monografías INIA: Serie Forestal 22 "Genetic Resources of European Beech (*Fagus sylvatica* L.) for Sustainable Forestry": 81-92 (2011)

CODE: BC

AUTHORS: Alañón, E., Díaz-Maroto, M.C., Díaz-Maroto, I.J., Vila-Lameiro, P., Pérez, M.S.
TITLE: Cyclic polyalcohols: Fingerprints to identify the botanical origin of natural woods used in wine aging.
REFERENCE: Journal of Agricultural and Food Chemistry 59(4): 1269-1274 (2011)
CODE: A

AUTHORS: Alañón, M.E., Pérez-Coello, M.S., Díaz-Maroto, I.J., Martín-Álvarez, P.J., Vila-Lameiro, P., Díaz-Maroto, M.C.
TITLE: Influence of geographical location, site and silvicultural parameters, on volatile composition of *Quercus pyrenaica* Willd. wood used in wine aging.
REFERENCE: Forest Ecology and Management 262(2): 124-130 (2011)
CODE: A

AUTHORS: Blind review
TITLE: Effects of microsite conditions and early pruning on holm oak plantations in Central-Western Spain
REFERENCE: New Forests (2011)
CODE: R

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso, O., Melicharová, L., Sylvain, T.
TITLE: Monitoring of natural regeneration in stands of *Quercus robur* L. in Galicia by programs of Computer Aided Design (CAD) and Photography Digital
REFERENCE: Spanish Journal of Rural Development 2(4): 1-8 (2011)
CODE: A

AUTHORS: Blind review
TITLE: Composition and structure of natural mixed-oak stands in northern-central Portugal
REFERENCE: Forest Ecology and Management (2011); *CODE:* R

AUTHORS: Blind review
TITLE: Former agriculture impacts on properties of Norway spruce forest floor and soil
REFERENCE: Forest Systems (2011); *CODE:* R

AUTHORS: Sola, I., Díaz-Maroto, I., Vila-Lameiro, P., Vizoso, O., Melicharová, L.
TITLE: Getting cartographic sources for management of Protected Natural Areas (PNA): Natural Park Urbasa and Andía (Navarra)
REFERENCE: Spanish Journal of Rural Development "Ponencias del Congreso Bosques del Futuro" 2 (Special Number 3): 161-169 (2011)
CODE: A

AUTHORS: Díaz-Maroto, I.J.; Vila-Lameiro, P.; Vizoso, O.; Rego-Vázquez, L.
TITLE: Atlantic forests: Examples of management models based on the local development
REFERENCE: ISBN: 978-84-931244-8-9; Legal Deposit: LU-231-2011. CD Rom
CODE: E

AUTHORS: Díaz-Maroto, I.J.; Vila-Lameiro, P.; Vizoso, O.; Rego-Vázquez, L.
TITLE: Sustainable Land Use: Revaluation of the productive function of forests to promote Rural Development and Environmental Conservation
REFERENCE: ISBN: 978-84-931244-9-6; Legal Deposit: LU-232-2011. CD Rom
CODE: E

AUTHOR: Díaz-Maroto, I.J.

TITLE: Suitability of wood of different species of oak and other wines for aging wine

REFERENCE: Sustainable Land Use: Revaluation of the productive function of forests to promote Rural Development and Environmental Conservation; ISBN: 978-84-931244-9-6; Legal Deposit: LU-232-2011. CD Rom

CODE: BC

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso, O., Alañón, E., Díaz-Maroto, M.C.

TITLE: Natural forests of oak in NW Spain: Soil fertility and main edaphic properties

REFERENCE: Soil Fertility Improvement and Integrated Nutrient Management - A Global Perspective; ISBN: 978-953-307-945-5. Book Edited by Dr. Joann Whalen, Department of Natural Resource Sciences, McGill University, Canada (2012)

CODE: BC

AUTHORS: Algueira, F., Mazaira, J.L., Díaz-Maroto, I.J.

TITLE: Using Galician oak wood (*Quercus robur* L.) in wine aging

REFERENCE: Spanish Journal of Rural Development “IV Jornadas de Comercialización Agroalimentaria, Fundación Juana de Vega” 3(Special Number 1): 55-75 (2012)

CODE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso, O.

TITLE: Influence of the tree and stand parameters in the wood characterization: Study in natural stands of *Quercus robur* L. in Galicia (NW Spain)

REFERENCE: Spanish Journal of Rural Development 3(1): 79-86 (2012)

CODE: A

AUTHORS: Blind review

TITLE: Chemical characterization and influence of the geographical origin on the phenolic composition of *Q. pyrenaica* and *C. sativa* heartwood residues generated in the cooperage.

REFERENCE: Industrial Crops and Products (2012)

CODE: R

AUTHORS: Ribeiro, J.A., Cristovão, A., Vila-Lameiro, P., Vizoso, O., Díaz-Maroto, I.J.

TITLE: Dynamic Rural Areas in the Northwest of the Iberian Peninsula: “Montes Veciñais en Man Común” and “Baldios” in Galicia and northern Portugal.

REFERENCE: Spanish Journal of Rural Development 3(Special Number 2): 35-45 (2012)

CODE: A

AUTHORS: Vizoso, O., Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Average weight of acorns of *Quercus robur* L. in Galicia. Influence of physiographic and dasometric features.

REFERENCE: Spanish Journal of Rural Development 3(Special Number 3): 89-100 (2012)

CODE: A

AUTHORS: Blind review

TITLE: Effect of toasted treatment on the ellagitannin and low molecular weight phenol content of Portuguese wood species (*Castanea sativa* and *Quercus pyrenaica*) to be used in cooperage.

REFERENCE: Industrial Crops and Products (2012)

CLAVE: R

AUTHORS: Vizoso, O., Vila-Lameiro, P., Díaz-Maroto, I.J.
TITLE: Equal opportunity to participate in the different stages of the scientific career.
REFERENCE: IX Foro Internacional sobre la Evaluación de la Calidad de la Investigación y de la Educación Superior (FECIES): 983-988 (2012); ISBN: 978-84-695-6734-0.
CODE: BC

AUTHORS: Vila-Lameiro, P., Vizoso, O., Díaz-Maroto, I.J.
TITLE: The role of the research work as an indicator of excellence, both nationally and internationally.
REFERENCE: IX Foro Internacional sobre la Evaluación de la Calidad de la Investigación y de la Educación Superior (FECIES): 994-998 (2012); ISBN: 978-84-695-6734-0.
CODE: BC

AUTHORS: Vila-Lameiro, P., Vizoso-Arribe, O., Díaz-Maroto, I.J.
TITLE: Analysis of the main variables that influence the quality of teaching of university teachers.
REFERENCE: IX Foro Internacional sobre la Evaluación de la Calidad de la Investigación y de la Educación Superior (FECIES): 1600-1606 (2012); ISBN: 978-84-695-6734-0.
CODE: BC

AUTHORS: M.E. Alañón, E., Schumacher, R., Castro-Vázquez, L., Díaz-Maroto, I.J., Díaz-Maroto, M.C., Pérez-Coello, M.S.
TITLE: Enological potential of chestnut wood for aging Tempranillo wines part I: Volatile compounds and sensorial.
REFERENCE: Food Research International 51(1): 325-334 (2013)
CLAVE: A

AUTHORS: Blind review
TITLE: Análisis de la relación entre la densidad y el crecimiento de estados juveniles de *Quercus pyrenaica* en la comarca del Bierzo, España.
REFERENCE: Revista Bosque (2013)
CLAVE: R

AUTHORS: Blind review
TITLE: Morphometric analyses of the leaf variations among the section *Cerris* Loudon (Fagaceae: *Quercus* L.) in Turkey.
REFERENCE: Annals of Forest Research (2013)
CLAVE: R

AUTHORS: Vizoso-Arribe, O., Díaz-Maroto, I.J., Vila-Lameiro, P., Díaz-Maroto, M.C.
TITLE: Influence of the canopy in the natural regeneration of *Quercus robur* in NW Spain
REFERENCE: Biologia 69(12): 1678-1684 (2014)
CLAVE: A

AUTHORS: Díaz-Maroto, I.J., Vila-Lameiro, P., Ramón-Pumar, M., Alañón, E., Díaz-Maroto, M.C.
TITLE: The different occurrence conditions of *Quercus robur* L. and *Quercus petraea* (Mattuschka) Liebl. on current habitat in Galicia, NW Iberian Peninsula
REFERENCE: Scandinavian Journal of Forest Research (2015)
DOI: 10.1080/02827581.2014.986521; **CLAVE:** A

PATENTS AND UTILITY MODELS

APPLICANTS: Díaz-Maroto, I.J., Vila-Lameiro, P.

TITLE: Support for photographic digital imaging calibrated of discs timber

NUMBER OF REQUEST: P20902243; *PRIORITARY COUNTRY:* Spain

ENTITY HOLDING: University of de Santiago de Compostela

COUNTRIES TO WHICH HAS EXTENDED: *European Union countries*

RESEARCH STAYS IN FOREIGN CENTRES

CENTRE: Laboratoire d'Etude des Ressources Forêt-Bois (Centre INRA de Nancy)

CITY: Nancy *COUNTRY:* France *YEAR:* 2003 *PERMANENCE:* 1 month

CENTRE: Universidade de Trás-os-Montes e Alto Douro (UTAD)

CITY: Vila Real *COUNTRY:* Portugal *YEAR:* 2007 *PERMANENCE:* 3 months

CENTRE: Centro de Estudos de Recursos Naturais, Ambiente e Sociedade (CERNAS); Escola Superior Agrária de Coimbra

CITY: Coimbra *COUNTRY:* Portugal *YEAR:* 2010 *PERMANENCE:* 2 months

CENTRE: Centro de Estudos de Recursos Naturais, Ambiente e Sociedade (CERNAS); Escola Superior Agrária de Coimbra

CITY: Coimbra *COUNTRY:* Portugal *YEAR:* 2011 *PERMANENCE:* 1.5months

CENTRE: Departamento de Recursos Florestais, Escola Superior Agrária de Coimbra

CITY: Coimbra *COUNTRY:* Portugal *YEAR:* 2014-15 *PERMANENCE:* 6 months

INTERNATIONAL CONGRESS

- 1) Silva-Pando, F.J., González, M.P., Díaz-Maroto, I.J. (1992). Study of shrub land communities and Galician forests: relation with climatology. XIII Phytosociology Congress, Lisbon (Portugal)
- 2) Silva-Pando, F.J., Díaz-Maroto, I.J., González, M.P. (1992). First results of luminance intensity variations and temperature under the cover of broadleaves in a “mixed forest” zone in Galicia. XIII Phytosociology Congress, Lisbon (Portugal)
- 3) Silva-Pando, F.J., González, M.P., Díaz-Maroto, I.J. (1994). Structure and vegetation of Galician oakwoods (NW of Spain). VI International Congress of Ecology, Manchester (United Kingdom)
- 4) Díaz-Maroto, I.J., Silva-Pando, F.J., González, M.P., Prunell, A. (1994). Relation between climatic factors and phenologic development in several species of Atlantic oaks. International Symposium “Environmental constraints and oaks: Ecological and physiological aspects”, Nancy (France)
- 5) Silva-Pando, F.J., Díaz-Maroto, I.J., González, M.P. (1995). On the *Quercus robur* temperature forests in the Northwest of the Iberian Peninsula. IUFRO International Congress, Tampere (Finland)
- 6) Díaz-Maroto, I.J., Silva-Pando, F.J., González, M.P., Rozados, M.J. (1997). Nutrients content evolution in soils and leaves in Atlantic oak stands in Galicia. International Symposium “Soil system behaviour in time and space”, Vienna (Austria)
- 7) Rozados, M.J., Silva-Pando, F.J., González, M.P., Díaz-Maroto, I.J. (1997). Altitudinal variation of soil nitrogen in oakwood stands (Galicia, NW of Spain). International Symposium “Soil system behaviour in time and space”, Vienna (Austria)
- 8) Silva-Pando, F.J., Amigo, J., González, M.P., Díaz-Maroto, I.J., Rozados, M.J., Rois, M. (1998). Relationship between surface soil and plant composition of oakwoods in NW Spain. VII International Congress of Ecology, Florence (Italy)
- 9) Díaz-Maroto, I.J., Silva-Pando, F.J., Rozados, M.J., González, M.P. (1998). Edaphic habitat characterization of Galician oakwoods. VII Int. Congress of Ecology, Florence (Italy)
- 10) Díaz-Maroto, I.J., Vila-Lameiro, P. (2000). The problem of *Eucalyptus globulus* in Galicia. Symposium IUFRO “International field trip meeting Mediterranean silviculture with emphasis on *Quercus suber*, *Pinus pinea* and *Eucalyptus* spp.”, Sevilla (Spain)
- 11) Calvo, S., Crecente, R., Díaz-Maroto, I.J., Cancela, J.J. (2000). Evaluating tourism potentially in forest areas. 6th EC-GI & GIS Workshop “The spatial information society: shaping the future”, Lyon (France)
- 12) Coro, R., Barrio, M., Díaz-Maroto, I.J. (2002). Influence of the stand parameters in the wood properties, modelling wood density and wood shrinkage through stand and tree parameters of *Quercus robur* L. IV Workshop IUFRO “Connection between Forest Resources and Wood Quality: Modelling Approaches and simulation Software”, British Columbia (Canada)

- 13) Díaz-Maroto, I.J., Vila-Lameiro, P. (2003). Planning of Protected Natural Spaces: Content analysis and P.O.R.N. structures VII Int. Congress of Engineering Projects, Pamplona (Spain)
- 14) Díaz-Maroto, I.J., Monteagudo, G., Vila-Lameiro, P. (2003). Sustainable woodland action proposals in Natura 2000 network programs. VII International Congress of Engineering Projects, Pamplona (Spain)
- 15) Díaz-Maroto, I.J., Coro, R., Vila-Lameiro, P. (2003). Study of small dimension test tubes for the determination of the technological aptitude of the *Quercus robur* L. wood. VII International Congress of Engineering Projects, Pamplona (Spain)
- 16) Fernández-Parajes, J., Vila-Lameiro, P., Díaz-Maroto, I.J. (2005). Some physical and mechanical properties of Galician oak wood. IX International Congress of Engineering Projects, Malaga (Spain)
- 17) Vila-Lameiro, P., Díaz-Maroto, I.J. (2005). Strategic alternatives analysis that improve de added value of the production in the wood cluster in Galicia. IX International Congress of Engineering Projects, Malaga (Spain)
- 18) Díaz-Maroto, I.J., Vila-Lameiro, P. (2007). Rural Development Models compatible with the conservation of natural areas: Sustainable Development Plans: XI International Congress of Engineering Projects, Lugo (Spain)
- 19) Vila-Lameiro, P., Díaz-Maroto, I.J. (2007). Evolution of wood preservation treatments to heat treatments. XI International Congress of Engineering Projects, Lugo (Spain)
- 20) Vila-Lameiro, P., Díaz-Maroto, I.J. (2007). Evolution Northwest Forest Landscape. XI International Congress of Engineering Projects, Lugo (Spain)
- 21) Vila-Lameiro, P., Díaz-Maroto, I.J. (2008). Technological suitability and potential uses definition for Galician oak wood. XII International Congress of Engineering Projects, Zaragoza (Spain)
- 22) Vila-Lameiro, P., Díaz-Maroto, I.J. (2008). Analysis of the industrial size meaning in the forest quality control. XII International Congress of Engineering Projects, Zaragoza (Spain)
- 23) Díaz-Maroto, I.J., Barcala-Pérez, E., Vila-Lameiro, P., Rodríguez-Campos, A.M. (2009). A comparison of the autoecology of *Quercus robur* L. and *Q. petraea* (Matts) Liebl.: current habitat in the northwest of the Iberian Peninsula. Forest multifunctionality and social demand over forests – Multiple views in the context of global changes, Suceava (Romania)
- 24) Rodríguez-Campos, A.M., Díaz-Maroto, I.J., Barcala-Pérez, E., Vila-Lameiro, P. Characterization of natural regeneration in stands of carballo (*Quercus robur* L.) in Galicia (NW Spain): Relation to topography, climate and soil. Forest multifunctionality and social demand over forests – Multiple views in the context of global changes, Suceava (Romania)
- 25) Trevín, M.S., Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Effect of site quality in the development of natural regeneration of yew (*Taxus baccata* L.) in the mountains of Northwest Lugo (Galicia, Spain). III International Workshop of Yew (*Taxus baccata* L.). Ponferrada (Spain)

- 26) Trevín, M.S., Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Study of the presence of yew (*Taxus baccata* L.) in deciduous and marcescent hardwood forests in north-western of the Iberian Peninsula. III International Workshop of Yew (*Taxus baccata* L.). Ponferrada (Spain)
- 27) Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Conservation of beech in depressed areas subject to depopulation and land use changes: Beech Busmayor (León). COST E52 Congress “Genetic Resources of *Fagus sylvatica* L. for Sustainable Forestry”, Burgos (Spain)
- 28) Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Ecological and structural characterization of the beech forests in Galicia. COST E52 Congress “Genetic Resources of *Fagus sylvatica* L. for Sustainable Forestry”, Burgos (Spain)
- 29) Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Nutritional analysis of natural oak forests in Galicia: Relationship with soil properties. IUFRO Conference 2010: Mixed and pure forests in a changing world. Vila Real (Portugal)
- 30) Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). Landscape dynamic in the eastern mountain Galician in last century. IUFRO Conference 2010: Mixed and pure forests in a changing world. Vila Real (Portugal)
- 31) Díaz-Maroto, I.J., Vila-Lameiro, P. (2010). A comparison between high forest and coppice management in natural stands of oak (*Quercus robur* L.) in NW Spain. IUFRO Conference 2010: Mixed and pure forests in a changing world. Vila Real (Portugal)
- 32) Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso-Arribe, O. (2011). Nutritional analysis of natural oak forests in Galicia: relationship with soil and water conservation. “Managed forests in future landscapes. Implications for water and carbon cycles” Congress, Santiago de Compostela (Spain)
- 33) Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso-Arribe, O. (2011). Implications of forest management in the radiation reaching the soil and in the regeneration of stands. “Managed forests in future landscapes. Implications for water and carbon cycles” Congress, Santiago de Compostela (Spain)
- 34) Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso-Arribe, O. (2011). Oak woodlands changes in the eastern mountain Galician in last century. “Managed forests in future landscapes. Implications for water and carbon cycles” Congress, Santiago de Compostela (Spain)
- 35) Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso-Arribe O. (2011). Study of the natural regeneration in stands of *Quercus robur* L. in Galicia (NW Spain) by Computer Aided Design (CAD) and digital photography. International Scientific Conference “Applied Forestry Research in the 21st Century”, Prague (Czech Republic)
- 36) Díaz-Maroto, I.J., Sola, I., Vila-Lameiro, P., Vizoso-Aguirre, O. (2011). Cartographic sources for the management of Protected Natural Areas (PNA): Natural Park of Urbasa and Andía (Navarra; Spain). International Scientific Conference “Applied Forestry Research in the 21st Century”, Prague (Czech Republic)

37) Díaz-Maroto, I.J., Vila-Lameiro, P., Vizoso-Arribe, O. (2011). Live nature! Environmental Education Program of the Galician Government (Spain). International Conference on forest pedagogic in the Mediterranean region “Forest Pedagogic and Environmental Education - The PAWS-MED experience”, Sabaudia (Italy)

DOCTORAL THESES DIRECTED

TITLE: Growth and production of the *Quercus robur* L. natural stands in Galicia

AUTHOR: Marcos Barrio Anta

UNIVERSITY: University of Santiago de Compostela

FACULTY/SCHOOL: High School Polytechnic of Lugo

DATA: June 2003

QUALIFICATION: Outstanding Cum Laude by unanimity

TITLE: Epidiometric and xilological study of the *Quercus petraea* (Mattuschka) Liebl. stands in the Northwest of the Iberian Peninsula

AUTHOR: Pablo Vila Lameiro

UNIVERSITY: University of Santiago de Compostela

FACULTY/SCHOOL: High School Polytechnic of Lugo

DATA: July 2003

QUALIFICATION: Outstanding Cum Laude by unanimity

TITLE: Autoecology, site quality and xilology of *Quercus pyrenaica* Will. in Galicia

AUTHOR: José Fernández Parajes

UNIVERSITY: University of Santiago de Compostela

FACULTY/SCHOOL: High School Polytechnic of Lugo

DATA: May 2006

QUALIFICATION: Outstanding Cum Laude by unanimity
(European Doctorate Mention)

TITLE: Dynamic rural areas – A contribution to the knowledge of the community land northwest of the Iberian Peninsula

AUTHOR: José António Ribeiro Lopes

UNIVERSITY: University of Santiago de Compostela

FACULTY/SCHOOL: High School Polytechnic of Lugo

DATA: January 2008

QUALIFICATION: Outstanding Cum Laude by unanimity (PhD Program Quality Label)

TITLE: Evaluation of participatory agro-ecological systems as a tool for the management of protected areas. Case study National Park Viñales, Cuba

AUTHOR: Yoel Martínez Maqueira

UNIVERSITY: University of Santiago de Compostela

FACULTY/SCHOOL: High School Polytechnic of Lugo

DATA: December 2014

QUALIFICATION: Outstanding Cum Laude by unanimity (International Doctorate Mention)