

## Bibliografía Botánica Ibérica, 2011-2012

### Pteridophyta

Román Belmonte Andújar<sup>1</sup>

785. AKERRETA, S.; CALVO, M. I. & CAVERO, R. Y. 2010. Ethnoveterinary knowledge in Navarra (Iberian Peninsula). *Journal of Ethnopharmacology* 130(2): 369-378. (Etnob, *Asplenium*).
786. ANTHELME, F.; ABDULKADER, A. & VIANE, R. 2011. Are ferns in arid environments underestimated? Contribution from the Sahara Mountains. *Journal of Arid Environments*, 75(6): 516-523. (Ecol, *Cheilanthes*).
787. AROSA, M. L.; CEIA, R. S.; QUINTANILLA, L. G. & RAMOS, J. A. 2012. The tree fern *Dicksonia antarctica* invades two habitats of european conservation priority in Sao Miguel Island, Azores. *Biological Invasions* 14(7): 1317-1323. (Bfloral, Corol, Flora, *Dicksonia*).
788. ARRIGO, N. & BARKER, M. S. 2012. Rarely successful polyploides and their legacy in plan genomes. *Plant Biology* 15(2): 140-146 (Cariol).
789. BAINARD, J. D.; HENRY, T. A.; BAINARD, L. D. & NEWMAS-TER, S. G. 2011. DNA content variation in monilophytes and lycophytes: large genomes that are not endopolyploid. *Chromosome Research* 19(6): 763-775. (SisM).
790. BALLESTEROS, D. 2010. Conservation of fern spores. En: H. Fernández, A. Kumar, M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 165-172. Springer, Nueva York. (Bfloral, Cult).
791. BARNICOAT, H.; CRIPPS, R.; KENDON, J. & SARASAN, V. 2011. Conservation in vitro of rare threatened ferns-case studies of biodiversity hotspot and island species. *In Vitro Cellular & Development Biology – Plant* 47(1): 37-45. (Cult).
792. BARRÓN, E. & POSTIGO-MIJARRA, J. M. 2011. Early Miocene fluvial-lacustrine and swamp vegetation of La Rinconada mine (Ribesalbes-Alcora basin, Eastern Spain). *Review of Paleobotany and Palynology* 165(1-2): 11-26. (Palin, *Osmunda*).
793. BELMONTE ANDÚJAR, R. 2011. Bibliografía Botánica Ibérica, 2010. Pteridophyta. *Bot. Complut.* 35: 195-197. (Bibl).
794. BELMONTE ANDÚJAR, R.; PAJARÓN SOTOMAYOR, S. & PANGUA FERNÁNDEZ-VALDÉS, E. 2011. Helechos de la provincia de Albacete. *Sabuco* 8: 9-68. (Corol, Flora).
795. BONA, E.; MARSANO, F.; MASS, N.; CATTANEO, C.; CESARO, P.; ARGESE, E.; SANITÀ DI TOPPI, L.; CAVALETTI, M. & BERTA, G. 2011. Proteomic analysis as a tool for investigating arsenic stress in *Pteris vittata* roots colonized or not by arbuscular mycorrhizal symbiosis. *J. Proteomics* 74(8): 1338-1350. (Quim, Rem, *Pteris*).
796. CAO, J. G.; DAI, X. L. & WANG, Q. X. 2012. Ultrastructural and cytochemical studies in oogenesis of the fern *Pteridium aquilinum*. *Sexual Plant Reproduction* 25(2): 147-156. (Bfloral, Quim, *Pteridium*).
797. CARRIER, M.; LOPPINET-SERANI, A.; ABSALON, C.; MARIAS, F.; AYMONIER, C. & MENCH, M. 2011. Conversion to fern (*Pteris vittata* L.) biomass from a phytoremediation trial in sub- and supercritical water conditions. *Biomass and Bioenergy* 35(2): 872-883. (Rem, *Pteris*).
798. CATALÁ, M.; ESTEBAN, M. & QUINTANILLA, L. G. 2010. Mitochondrial activity of fern spores for the evaluation of acute toxicity in higher plant development. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 237-247. Springer, Nueva York. (Ecol, Quim).
799. CATALÁ, M. & RODRÍGUEZ-GIL, J. L. 2010. Chronic phytotoxicity in gametophytes: DNA as biomarker of growth and chlorophyll autofluorescence as biomarker of cell function. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 249-260. Springer, Nueva York. (Quim).
800. CORONADO MARTÍNEZ, A. & GARCÍA CARDO, O. 2011. *Ophioglossum azoricum* C. Presl. (Ophioglossaceae) en la provincia de Cuenca. *Flora Montiberica* 49: 35-39. (Corol, Flora, *Ophioglossum*).
801. CORVEZ, A.; BARRIEL, V. & DUBUISSON, J. Y. 2012. Reticulate evolution on a global scale: A nuclear phylogeny for New World *Dryopteris* (Dryopteridaceae). *Molecular Phylogenetics and Evolution* 64(3): 563-581. (Evol, *Dryopteris*).
802. DUBUISSON, J. Y.; HENNEQUIN, S.; BARY, S.; EBIHARA, A. & BUCHERON-DUBUISSON, E. 2011. Anatomical diversity and regressive evolution in trichomanoid filmy ferns (Hymenophyllaceae): A phylogenetic approach. *Comptes Rendus Biologies* 334(12): 880-895. (Anat, Evol, *Hymenophyllum*).
803. FEITO, R.; VARCÁRCCEL, Y. & CATALÁ, M. 2012. Preliminary data suggest tan venlafaxine environmental concentrations could be toxic to plants. *Chemosphere* 90(7): 2065-2069. (Ecol, Quim, *Polystichum*).
804. FERNÁNDEZ-MARÍN, B.; ARROYO ALFARO, S. J.; BECERRIL, J. M. & GARCÍA-PLAZAOLA, J. I. 2012. Do fern game-

<sup>1</sup> Departamento de Biología Vegetal I, Facultad de Biología, Universidad Complutense de Madrid. rom\_bel\_and@yahoo.es

- tophytes have the capacity for irradiance acclimation? *Biologia Plantarum* 56 (2): 351-356. (Ecol, *Asplenium, Ceterach*).
805. GABRIEL Y GALÁN, J. M. & PRADA, C. 2010. Pteridophyte spores viability. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 193-205. Springer, Nueva York. (Ecol, Quim).
806. GAUDIO, N.; BALANDIER, P.; DUMAS, Y. & GINISTY, C. 2011. Growth and morphology of three forest understorey species (*Calluna vulgaris*, *Molinia caerulea* and *Pteridium aquilinum*) according to light availability. *Forest Ecology and Management* 261(3): 489-498. (Ecol, *Pteridium*).
807. HERNÁNDEZ PACHECO, J. J.; FLORES, B.; GÓMEZ, D.; PAJARÓN, S. & PANGUA, E. 2012. El banco de esporas de *Athyrium filix-femina* y *Dryopteris filix mas* en un pinar de la Sierra de Guadarrama. *Bot. Complut.* 36: 79-83. (Corol, Flora, *Athyrium, Dryopteris*).
808. JIMÉNEZ, A. 2010. Microsatellites: a powerful genetic marker for fern research. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 207-220. Springer, Nueva York. (Quim).
809. KUO, L. Y.; LI, F. W.; CHIOU, W. L. & WANG, C. N. 2011. First insights into fern matK phylogeny. *Molecular Phylogenetics and Evolution* 59 (3): 556-566. (Evol).
810. HSIEH, Y. S. Y. & HARRIS, P. J. 2012. Structures of xyloglucans in primary cells walls of gymnosperms, monilophytes (ferns sensu-lato) and lycophytes. *Phytochemistry* 79: 87-101 (Quim, *Equisetum, Lycopodium, Selaginella*).
811. LANDI, M. & ANGLIOLINI, C. 2011. Population structure of *Osmunda regalis* in relation to environment and vegetation: an example in the Mediterranean area. *Folia Geobotanica* 46(1): 49-68. (Corol, Ecol, *Osmunda*).
812. LEROUX, O.; LEROUX, F.; BAGNIEWSKA-ZADWORNIA, A.; KNOX, J. P.; CLAEYS, M.; BALS, S. & VIANE, R. L. L. 2011. Ultrastructure and composition of cell wall appositions in the roots of *Asplenium* (Polypodiales). *Micron* 42(8): 863-870. (Anat, *Asplenium*).
813. LÓPEZ TIRADO, J. & RUIZ DE CLAVIJO, E. 2011. Nuevas localidades para tres pteridófitos raros en la provincia de Córdoba. *Acta Bot. Malacitana* 36: 211-212. (Corol, Flora, *Asplenium, Isoetes, Polypodium*).
814. MAGRINI, S. & SCOPPOLA, A. 2012. First results from conservation studies of chlorophyllous spores of the Royal fern (*Osmunda regalis*, Osmundaceae). *Cryobiology* 64(1): 65-69. (Ecol, *Osmunda*).
815. MANDAL, S. K.; BISWAS, R.; BHATTACHARYYA, S. S.; PAUL, S.; DUTTA, S.; PATHAK, S. & KHUDA-BUKHSH, A. R. 2010. Lycopodines from *Lycopodium clavatum* extract inhibits proliferation of HeLa cells through induction of apoptosis via caspase-3 activation. *European J. Pharmacology* 626(2-3): 115-122. (Etnob, Quim, *Lycopodium*).
816. MENÉNDEZ, V.; ABUL, Y.; BOHANEK, B.; LAFONT, F. & FERNÁNDEZ, H. 2011. The effect of exogenous and endogenous phytohormones on the in vitro development of gametophyte and sporophyte of *Asplenium nidus* L. *Acta Physiologiae Plantarum* 33(6): 2493-2500. (Bfloral, Quim, *Asplenium*).
817. MENÉNDEZ, V.; ARBESÚ, R.; SOMER, M.; REVILLA, A. & FERNÁNDEZ, H. 2010. From spore to sporophyte: how to proceed in vitro. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 97-110. Springer, Nueva York. (Bfloral, Cult).
818. MENÉNDEZ, V.; PEREDO, E.; MÉNDEZ, M.; REVILLA, A. & FERNÁNDEZ, H. 2010. Sexual reproduction in ferns. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 37-48. Springer, Nueva York. (Bfloral).
819. MARUGÁN, J.; BRU, D.; PABLOS, C. & CATALÁ, M. 2012. Comparative evaluation of acute toxicity by *Vibrio fischeri* and fern spore based bioassays in the follow-up of toxic chemicals degradation by photocatalysis. *Journal of Hazardous Materials* 213-214: 117-122. (Ecol, Quim).
820. MUCCIFORA, S. & BELLANI, L. M. 2011. Antheridial dehiscence in ferns. *Plant Systematics and Evolution* 297(1-2): 51-56. (Bfloral, Quim, *Asplenium, Polystichum*).
821. PAJARÓN, S. & PANGUA, E. 2012. Helechos. En: P. Vargas & R. Zardoya (Eds.), *El árbol de la vida: sistemática y evolución de los seres vivos*, 96-105. Madrid. (SisM).
822. PANDEY, V. C. 2012. Phytoremediation of heavy metals from fly ash pond by *Azolla caroliniana*. *Ecotoxicology and Environmental Safety* 82(1): 8-12. (Rem, *Azolla*).
823. PEREDO, E. L.; REVILLA, A.; MÉNDEZ, M.; MENÉNDEZ, V. & FERNÁNDEZ, H. 2010. Diversity in natural fern populations: Dominant markers as genetic tools. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 221-234. Springer, Nueva York. (Quim).
824. POSTIGO-MIJARRA, J. M.; MORLA, C.; BARRÓN, E.; MORALES-MOLINO, C. & GARCÍA, S. 2010. Patterns of extinction and persistence of Arctotertiary flora in Iberia during the Quaternary. *Review of Paleobotany and Palynology* 162(3): 416-426. (Corol, Flora, Palin, *Woodwardia*).
825. RAJ, A.; PANDEY, A. K.; SHARMA, Y. K.; KHARE, P. B.; SRIVASTAVA, P. K. & SINGH, N. 2011. Metabolic adaptation of *Pteris vittata* L. gametophyte to arsenic induced oxidative stress. *Bioresource Technology* 102(20): 9827-9832. (Ecol, Rem, *Pteris*).
826. RODRÍGUEZ DE LA CRUZ, D.; SÁNCHEZ-REYES, E. & SÁNCHEZ-SÁNCHEZ, J. 2010. Aerobiology of Pteridophyta spores: Preliminary results and applications. En: H. Fernández, A. Kumar & M. A. Revilla (Eds.), *Working with ferns: issues and applications*, 271-281. Springer, Nueva York. (Ecol, Bfloral).
827. RODRÍGUEZ-LOINAZ, G.; AMEZAGA, I. & ONAINDIA, M. 2012. Does forest fragmentation affect the same way all growth-forms? *J. Environmental Management* 94 (1):

- 125-131. (Ecol, *Asplenium*, *Athyrium*, *Dryopteris*, *Polystichum*, *Pteridium*).
828. ROLLERI, C. H.; PRADA, C.; PASSARELLI, L. M.; GABRIEL Y GALÁN, J. M. & CICIARELLI, M. M. 2012. Revisión de especies monomórficas y subdimórficas del género *Blechnum* (Blechnaceae-Polypodiophyta). *Bot. Complut.* 36: 51-77. (Anat, Tax, *Blechnum*).
829. SAMECKA-CYMERMAN, A.; KOLON, K.; STANKIEWICZ, A.; KASZEWSKA, J.; MRÓZ, L. & KEMPERS, A. J. 2011. Rhizomes and fronds of *Athyrium filix-femina* as possible bioindicatorss of chemical elements from soils over different parent materials in southwest Poland. *Ecological Indicators* 11 (5): 1105-1111. (Ecol, Rem, *Athyrium*).
830. SOCOLSKY, C.; HERNÁNDEZ, M. A. & BARDÓN, A. 2012. Fern Acylphloroglucinols: structure, location and biological effects. Studies in Natural Products. *Chemistry* 38: 105-157. (Quim).
831. TCHÓRZEWSKA, D. & BEDNARA, J. 2011. The dynamics of the actin cytoskeleton during sporogenesis in *Psilotum nudum* L. *Protoplasma* 248(2): 289-298 (Anat, *Psilotum*).
832. TEIXIDO, A. L.; QUINTANILLA, L. G.; CARREÑO, F. & GUTIERREZ, D. 2010. Impacts of changes in land uses and fragmentation patterns on Atlantic coastal forests in northern Spain. *Journal of Environmental Management* 91(4): 879-886. (Ecol, *Woodwardia*).
833. TSUBOI, H. & WADA, M. 2012. Distribution patterns changes of actin filaments during chloroplast movement in *Adiantum capillus-veneris*. *Journal of Plant Research* 125(3): 417-428 (Anat, *Adiantum*).
834. WOLF, P. G.; DER, J. P. DUFFY, A. M.; DAVIDSON, J. B.; GRUSZ, A. L. & PRYER, K. M. 2011. The evolution of chloroplast genes and genomes in ferns. *Plant Molecular Biology* 76(3-5): 251-261. (Evol, SisM).

## ÍNDICE TEMÁTICO

**Anatomía** (Anat): 802, 812, 828, 831, 833.  
**Bibliografía** (Bibl): 793.  
**Cariología** (Cariol): 788.  
**Corología** (Corol): 787, 794, 800, 807, 811, 813, 824.  
**Cultivos** (Cult): 790, 791, 817.  
**Estrategias reproductoras** (Bfloral): 787, 790, 796, 816, 817, 818, 820, 826.  
**Etnobotánica** (Etnob): 785, 815.  
**Floras** (Flora): 787, 794, 800, 807, 813, 824.

**Palinología** (Palin): 792, 824.  
**Evolución** (Evol): 801, 802, 809, 834.  
**Ecología/Factores ecológicos** (Ecol): 786, 798, 803, 804, 805, 806, 811, 814, 819, 825, 826, 827, 829, 832.  
**Fitoquímica** (Quim): 795, 796, 798, 799, 803, 805, 808, 810, 815, 816, 819, 820, 823, 830.  
**Fitorremediación** (Rem): 795, 797, 822, 825, 829.  
**Sistemática molecular** (SisM): 789, 821, 834.  
**Taxonomía** (Tax): 828

## ÍNDICE TAXONÓMICO

*Adiantum*: 794, 833.  
*Anogramma*: 794.  
*Asplenium*: 785, 794, 804, 812, 813, 816, 820, 827.  
*Athyrium*: 807, 827, 829.  
*Azolla*: 822.  
*Blechnum*: 794, 828.  
*Ceterach*: 804.  
*Cheilanthes*: 786, 794.  
*Cosentinia*: 794.  
*Cystopteris*: 794.  
*Dicksonia*: 787.  
*Dryopteris*: 794, 801, 807, 827.  
*Equisetum*: 794, 810.

*Hymenophyllum*: 802.  
*Isoetes*: 813.  
*Lycopodium*: 810, 815.  
*Notholaena*: 794.  
*Ophioglossum*: 794, 800.  
*Osmunda*: 792, 811, 814.  
*Polypodium*: 794, 813.  
*Polystichum*: 803, 820, 827.  
*Pteridium*: 794, 796, 806, 827.  
*Pteris*: 795, 797, 825.  
*Psilotum*: 831.  
*Selaginella*: 810.  
*Woodwardia*: 824, 832.