

Bibliografía Botánica Ibérica, 2006

Pteridophyta

Román Belmonte Andújar*

560. AL AGELY, A.; SYLVIA D. M. & MA, L. Q. 2005. Mycorrhizae increase arsenic uptake by the hyperaccumulator Chinese brake fern (*Pteris vittata* L.). *J. Environm. Qual.* 34(6): 2181-2186. (*Pteris*, Ecol).
561. AIDA, M.; IKEDA, H.; ITOH, K. & USUI, K. 2006. Effects of five rice herbicides on the growth of two threatened aquatic ferns. *Ecotoxicol. Environm. Safety* 63(3): 463-468. (*Azolla*, *Salvinia*, Cult, Quim).
562. BAREGO, P.; DELGADO, L.; GALLEGU, A. & SANTOS, M. 2006. Aportaciones al conocimiento de la pteridoflora de la Cuenca del Duero, II (España). *Bot. Complut.* 30: 87-90. (Flora).
563. BELMONTE, R. 2005. Bibliografía Ibérica. Pteridophyta 2003-2005. *Bot. Complut.* 30: 185-188. (Bibl).
564. BENNERT, W.; LUBIENSKI, M.; KORNER S. & STEINBERG, M. 2005. Triploidy in *Equisetum subgenus Hippochaete* (Equisetaceae, Pteridophyta). *Ann. Bot. (Oxford)* 95(5): 807-815. (*Equisetum*, Cariol).
565. BICKFORD, S. A. & LAFFAN, S. W. 2006. Multi-extent analysis of the relationship between pteridophyte species richness and climates. *Global Ecol. Biogeogr.* 15(6): 677-683. (Veget, Ecol).
566. CHHETRI, D. R.; MUKHERJEE, A. K. & ADHIKARI, J. 2006. Partial purification and characterization of L-myo-Inositol-1-phosphate synthase of pteridophytic origin. *Acta Physiol. Pl.* 28(2): 101-107. (*Equisetum*, *Lycopodium*, *Polypodium*, *Pteridium*, SisM, Quim).
567. CHIAPPETTA, A. & INNOCENTI, A. M. 2006. Immunocytochemical localization of cytokinin in *Azolla filiculoides*. *Plant Biosyst.* 140(3): 229-233. (*Azolla*, Quim).
568. CORREIA, H.; GONZALEZ-PARAMAS, A.; AMARAL, M. T.; SANTOS-BUELGA, C. & BATISTA, M. T. 2005. Characterisation of polyphenols by HPLC-PAD-ESI/MS and antioxidant activity in *Equisetum telmateia*. *Phytochemistry Analysis* 16(5): 380-387. (*Equisetum*, Quim).
569. DOI, M.; WADA, M. & SHIMAZAKI, K. 2006. The fern *Adiantum capillus-veneris* lacks stomatal responses to blue light. *Pl. Cell Physiol.* 47(6): 748-755. (*Adiantum*, Quim).
570. DOYLE, J.A. 2006. Seed ferns and the origin of angiosperms. *J. Torrey Bot. Soc.* 133(1): 169-209. (Palin).
571. EBIHARA, A.; BUBUISSON, J. Y.; IWATSUK, K.; HENNEGUIN, S. & ITO, M. 2006. A taxonomic revision of Hymenophyllaceae. *Blunnea* 51(2): 221-280. (*Hymenophyllum*, *Vandenboschia*, Tax).
572. FLINN, K. M. 2006. Reproductive biology of three fern species may contribute to differential colonization success in post-agricultural forests. *Amer. J. Bot.* 93(9): 1289-1294. (*Dryopteris*, *Polystichum*, Ecol).
573. GALTIER, J. & MEYER-BERTHAND, B. 2006. The diversification of early arborescent seed ferns. *J. Torrey Bot. Soc.* 133(1): 7-19 (Evol, Palin).
574. GONZAGA, M. I. S.; SANTOS, J. A. G. & MA, L. Q. 2006. Arsenic phytoextraction and hyperaccumulation by fern species. *Sci. Agri.* 63(1): 90-101. (*Pteris*, Quim, Ecol).
575. HOCK, Z.; SZOVENYI, P. & TOTH, Z. 2006. Seasonal variation in the spore bank of ferns in grassland on dolomite rock. *Pl. Ecol.* 187(2): 289-296. (*Asplenium*, *Dryopteris*, *Athyrium*, Ecol, Conser).
576. KLUGE, J.; KESSLER, M. & DUNN, R. R. 2006. What drives elevational patterns of diversity? A test of geometric constraints, climate and species pool effects for pteridophytes on a elevational gradient in Costa Rica. *Global Ecol. Biogeogr.* 15(4): 358-371. (Ecol, Veget).
577. KORALL, P.; PRYER, K. A.; METZGAR, J. S.; SCHNEIDER, H. & CONANT, D. S. 2006. Tree ferns: Monophyletic groups and their relationships as revealed by four protein-coding plastid loci. *Molec. Phylogen. Evol.* 39(3): 830-845. (*Culcita*, Evol, SisM).
578. LI, C. X & LU, S. G. 2006. Phylogenetic analysis of Dryopteridaceae based on chloroplast rbcL sequences. *Acta Phytotax. Sin.* 44(5): 503-515. (*Dryopteris*, SisM, Evol).
579. LI, C. X & LU, S. G. 2006. Phylogenetics of Chinese *Dryopteris* (Dryopteridaceae) based on the chloroplast rps4-trnS sequence data. *J. Pl. Res.* 119(6): 589-598. (*Dryopteris*, SisM, Evol).

* Departamento de Biología Vegetal I, Facultad de Biología, Universidad Complutense de Madrid.

580. LU, J. M.; LI, D. Z. & WU, D. 2006. Chromosome numbers of four genera in the Dryopteridaceae. *Acta Phytotax. Sin.* 44(5): 516-522. (*Dryopteris*, Cariol).
581. MENENDEZ, V.; REVILLA, M. A.; BERNARD, P.; GOTOR, V. & FERNANDEZ, H. 2006. Gibberellins and antheridiogen on sex in *Blechnum spicant* L. *Pl. Cell Rep.* 25(10): 1104-1110. (*Blechnum*, Bfloral, Quim).
582. MENENDEZ, V.; REVILLA, M. A. & FERNANDEZ, H. 2006. Growth and gender in the gametophyte of *Blechnum spicant* L. *Pl. Cell Tissue Organ Cult.* 86(1): 47-53. (*Blechnum*, Anat, Bfloral).
583. MENENDEZ, V.; VILLACORTA, N. F.; REVILLA, M. A.; GOTOR, V.; BERNARD, P. & FERNANDEZ, H. 2006. Exogenous and endogenous growth regulators on apogamy in *Dryopteris affinis* (Lowe) Fraser-Jenkins sp. *affinis*. *Pl. Cell Rep.* 25(2): 85-91. (*Dryopteris*, Quim, Anat).
584. MOORE, S. E. M.; HEMSLEY, A. R. & BORSCH, T. 2006. Micromorphology of outer exospore coatings in *Selaginella* megaspore. *Grana* 45(1): 9-21. (*Selaginella*, Anat).
585. NAGAVINGUM, N. S.; SCHNEIDER, H. & PRYER, K. M. 2006. Comparative morphology of reproductive structures in heterosporous water ferns and a reevaluation of the sporocarp. *Int. J. Pl. Sci.* 167(4): 805-815. (*Salvinia*, *Marsilea*, *Azolla*, Bfloral, Anat).
586. PANGUA, E.; QUINTANILLA, L. G. & PAJARÓN, S. 2006. Taxonomic relevance of the gametophytic generation in a strictly rupicolous fern group: *Asplenium seelosii* s. l. *Bot. J. Linn. Soc.* 151 (3): 375-386. (*Asplenium*, Tax, Bfloral, Cult).
587. PENCE, V.C. 2004. Ex situ conservation methods for bryophytes and pteridophytes. *Ex situ Plant Conservation: Supporting Species Survival in the Wild*, 206-227. (Cult).
588. PRADA, C. & ROLLERI, C. H. 2006. Catálogo comentado de las especies de *Blechnum* L.: (*Blechnaceae*, Pteridophyta) de Mesoamérica y Sudamérica. *Anales Jard. Bot. Madrid* 63(1): 67-106. (*Blechnum*, Flora).
589. QUINTANILLA, L. & ESCUDERO, A. 2006. Spore fitness components do not differ between diploid and allotetraploid species of *Dryopteris* (Dryopteridaceae). *Ann. Bot. (Oxford)* 98(3): 609-618. (*Dryopteris*, Bfloral, Cult).
590. RADULOVIC, N.; STOJANOVIC, G. & PAVIC, R. 2006. Composition and antimicrobial activity of *Equisetum arvense* L. essential oil. *Phytotherapy Res.* 20(1): 85-88. (*Equisetum*, Quim, Etnob).
591. RATHINASABAPATHI, B. 2006. Ferns represent an untapped biodiversity for improving crops for environmental stress tolerance. *New Phytol.* 172(3): 385-390. (*Marsilea*, Ecol).
592. REID, J. D.; PLUNKETT, G. M. & PETERS, G. A. 2006. Phylogenetic relationships in the heterosporous fern genus *Azolla* (Azollaceae) based on DNA sequence data from three noncoding regions. *Int. J. Pl. Sci.* 167(3): 529-538. (*Azolla*, SisM, Evol).
593. ROLLERI, C. H. & PRADA, C. 2006. Revisión de los grupos de especies del género *Blechnum* (Blechnaceae-Pteridophyta): el grupo *B. pennamariana*. *Acta Bot. Malac.* 31: 7-50. (*Blechnum*, Tax).
594. ROSHCHINA, V. V. 2005. Contractile proteins in chemical signal transduction in plant microspores. *Biol. Bull. Russ. Acad. Sci.* 32(3): 229-233. (Anat).
595. ROTHWELL, G. W. & DUNN, M. T. 2006. A century of seed ferns: Introduction to the symposium. *J. Torrey Bot. Soc.* 133(1): 4-6. (Palin).
596. ROWNTREE, J. K. & SHEFFIELD, E. 2005. Effects of caulam spraying on non-target ferns. *Canad. J. Bot.* 83(12): 1622-1629. (Quim, Cult).
597. SAKAMAKI, Y. & IHO, Y. 2006. Tubers and rhizome fragments as propagules: competence for vegetative reproduction in *Equisetum arvense*. *J. Pl. Res.* 119(6): 677-683. (*Equisetum*, Ecol).
598. SCHNEIDER, H. & SCHUETTPELZ, E. 2006. Identifying fern gametophytes using DNA sequences. *Molec. Ecol. Notes* 6(4): 989-991. (*Osmunda*, SisM).
599. SCHUETTPELZ, E. & HOOT, S. B. 2006. Inferring the root of *Isoetes*: Exploring alternatives in the absence of an acceptable outgroups. *Syst. Bot.* 31(2): 258-270. (*Isoetes*, *Selaginella*, Tax, Evol).
600. SCHUETTPELZ, E. & PRYER, K. M. 2006. Reconciling extreme branch length differences: Decoupling time and rate through the evolutionary history of filmy ferns. *Syst. Biol.* 55(3): 485-502. (Evol, Tax).
601. SMITH, A. R.; PRYER, K.M.; SCHUETTPELZ, E.; KORALLA, P.; SCHNEIDER, H. & WOLF, P. C. 2006. A classification for extant ferns. *Taxon* 55(3): 705-731. (Evol, Tax).
602. SRIVASTAVA, M.; MA, L. Q. & SANTOS, J. A. G. 2006. Three new arsenic hyperaccumulating ferns. *Sci. Total Environm.* 364(1-3): 24-31. (*Pteris*, Ecol).
603. STOCKEY, R. A. & ROTHWELL, G. W. 2006. Introduction: Evolution of modern ferns. *Int. J. Pl. Sci.* 167(3): 613-614. (Evol, Tax).
604. WILD, M.; GAGNON, D. & BOUCHARD, A. 2006. Why are ferns regularly over-represented on state and provincial rare plant list?. *Diversity & Distrib.* 12 (6): 749-755. (Corol, Conser).

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(*) **Nota del autor:** los números expresados en cursiva hacen referencia a las reseñas bibliográficas recogidas en: Bibliografía Ibérica. Pteridophyta 2003-2005. *Botanica Complutensis* 30: 185-188.