

Bibliografía Botánica Ibérica, 2010

Phycophyta

Tomás Gallardo¹ y Miguel Álvarez Cobelas²

1535. ABOAL, M.; CRISTÓBAL, J. C. & MARÍN-MURCIA, J. P. 2010. Sobre la presencia de *Nostoc commune* var. *flagelliforme* (Nostocaceae, Cyanophyceae) en suelos arcillosos de regiones áridas del sureste español. *Acta Bot. Malac.* 35: 156-161. (AEP, Mu, A, Flora, Cyanophyceae).
1536. BERMEJO, R.; PÉREZ-LLORÉNS, J. L.; VERGARA, J. J. & HERNÁNDEZ, E. I. 2010. Notas corológicas del macrofitobentos de Andalucía (España). IX. *Acta Bot. Malac.* 35: 162-164. (ABM, Ca, Flora).
1537. BERNARDEAU ESTELLERAB, J. & MARTÍNEZ GARRIDO, J. 2010. *Caulerpa racemosa* var. *cylindracea* en el Mediterráneo: estudios en la Región de Murcia. *Algas, Bol. Soc. Española Ficol.* 43: 17-26. (ABM, Mu, Chlorophyceae, Anat, Flora).
1538. BERTOCCHI, I.; ARENAS, F.; MATIAS, M.; VASELLI, S.; ARAÚJO, R.; ABREU, H.; PEREIRA, R.; VIEIRA, R. & SOUSA-PINTO, I. 2010. Canopy-forming species mediate the effects of disturbance on macroalgal assemblages on Portuguese rocky shores. *Mar. Ecol. Progr. Ser.* 414: 107-116. (ABM, Mi, Ecol).
1539. BILLARD, E.; SERRÃO, E.; PEARSON, G.; DESTOMBE, C. & VALERO, M. 2010. *Fucus vesiculosus* and *spiralis* species complex: a nested model of local adaptation at the shore level. *Marine Ecology Progress Series* 405: 163-174. (ABM, Mi, Ecol, Phaeophyceae).
1540. BLANCO, S.; CEJUDO-FIGUEIRAS, C.; ÁLVAREZ-BLANCO, I. & ECTOR, L. 2010. *Atlas de las Diatomeas de la Cuenca del Duero/Diatom Atlas of the Duero Basin*. Universidad de León, León. (AEP, España, Flora, Anat, Diatomophyceae).
1541. BULLEJOS, F. J.; CARRILLO, P.; VILLAR-ARGAIZ, M. & MEDINA-SÁNCHEZ, J. M. 2010. Roles of phosphorus and ultraviolet radiation in the strength of phytoplankton-zooplankton coupling in a Mediterranean high mountain lake. *Limnology and Oceanography* 55: 2549-2562. (AEP, GR, Ecol).
1542. CABANELLAS-REBOREDO, M.; BLANCO, A.; DEUDERO, S. & TEJADA, S. 2010. Effects of the invasive macroalga *Lophocladia lallemandii* on the diet and trophism of *Pinna nobilis* (Mollusca: Bivalvia) and its guests *Pontonia pinnophylax* and *Nepinnotheres pinnotheres* (Crustacea: Decapoda). *Scientia Marina* 74: 101-110. (ABM, PM, Rhodophyceae, Ecol).
1543. CALADO, A. J.; CRAVEIRO, A. C.; DAUGBJERG, N. & MOESTRUP, Ø. 2009. Description of *Tyrannodinium* gen. nov., a freshwater dinoflagellate closely related to the marine *Pfiesteria*-like species. *J. Phycol.* 45: 1195-1205. (AEP, BL, Dinophyceae, gen. nov., sp. nov.).
1544. CAMBRA, J. 2010. *Asterosiphon dichotomus* (Kützting) Rieth (Vaucheriales, Ochrophyta, Xanthophyceae) in sub-arid agricultural soils of Catalonia (Spain). *Gayana Botanica* 67: 141-144. (AEP, L, Xanthophyceae, Flora).
1545. CAMBRA, J. 2010. Chrysophytes from some lakes and peat-bogs in the eastern Pyrenees, Catalonia (Spain). *Biologia* 65: 577-586. (AEP, L, Flora, Chrysophyceae).
1546. CARRERA, M.; GARET, E.; BARREIRO, A.; GARCÉS, E.; PÉREZ, D.; GUISANDE, C. & GONZÁLEZ-FERNÁNDEZ, A. 2010. Generation of monoclonal antibodies for the specific immunodetection of the toxic dinoflagellate *Alexandrium minutum* Halim from Spanish waters. *Harmful Algae* 9: 272-280. (APM, C, Dinophyceae, Tox).
1547. CEJUDO-FIGUEIRAS, C.; BLANCO, S.; ÁLVAREZ-BLANCO, I.; ECTOR, L. & BÉCARES, E. 2010. Nutrient monitoring in Spanish wetlands using epiphytic diatoms. *Vie et Milieu* 60: 89-94. (AEP, Vi, Bioin, Diatomophyceae).
1548. CHURRO, C.; FERNANDES, A. S.; ALVERCA, E.; SAM-BENTO, F.; PAULINO, S.; FIGUEIRA, V. C.; BENTO, A. J.; PRABHAKAR, J.; LOBO, A. M.; MARTINS, L. L.; MOURATO, M.P. & PEREIRA, P. 2010. Effects of tryptamine on growth, ultrastructure, and oxidative stress of cyanobacteria and microalgae cultures. *Hydrobiologia* 649: 195-206. (AEP, Portugal, Quim, Tox).
1549. CRAVEIRO, S. C.; CALADO, A. J.; DAUGBJERG, N. & MOESTRUP, Ø. 2009. Ultrastructure and LSU rDNA-based revision of *Peridinium* group Palatinum (Dinophyceae) with the description of *Palatinum* gen. nov. *J. Phycol.* 45: 1175-1194. (AEP, BL, Dinophyceae, Anat, Tax, gen. nov., sp. nov.).
1550. DELGADO, C.; PARDO, I. & GARCÍA, L. 2010. A multimetric diatom index to assess the ecological status of coastal Galician rivers (NW Spain). *Hydrobiologia* 644: 371-384. (AEP, C. Lu, Po, Bioin, Ecol, Diatomophyceae).
1551. DESTOMBE, C.; VALERO, M. & GUILLEMIN, M. L. 2010. Delineation of two sibling red algal species, *Gracilaria gracilis* and *Gracilaria dura* (Gracilariales, Rhodophyta), using multiple DNA markers: resurrection of the

¹ Departamento de Biología Vegetal I, Facultad de Biología, U.C.M., 28040 Madrid. tgallar@bio.ucm.es

² C.S.I.C., Museo Nacional de Ciencias Naturales, Serrano 115 dpdo, 28006 Madrid. malvarez@mnen.csic.es

- species *G. dura* previously described in the Northern Atlantic 200 years ago. *J. Phycol.* 46: 720–727. (ABM, Po, Es, C, Tax, *Rhodophyceae*).
1552. DÍAZ-PANIAGUA, C.; FERNÁNDEZ-ZAMUDIO, R.; FLORENCIO, M.; GARCÍA-MURILLO, P.; GÓMEZ-RODRÍGUEZ, C.; PORTHEAULT, A.; SERRANO, L. & SILJESTROM, P. 2010. Temporal ponds from Donana National Park: a system of natural habitats for the preservation of aquatic flora and fauna. *Limnetica* 29: 41–58. (AEP, H, Flora, Ecol).
1553. GALLARDO, T. & ÁLVAREZ COBELAS, M. 2010. Bibliografía Botánica Ibérica, 2009, Phycophyta. *Bot. Complut.* 34: 117–120. (Bibl).
1554. GALLARDO, T. & ÁLVAREZ COBELAS, M. 2010. Bibliografía ficológica sobre la Península Ibérica e islas próximas 2009. *Algas, Bol. Soc. Española Ficol.* 43: 27–29. (Bibl).
1555. GÓMEZ GARRETA, A.; MANGHISI, A.; RIBERA, M.A. 2010. Mapas de distribución de algas marinas de la Península Ibérica y las Islas Baleares. XXV. *Acrodiscus vidovichii* y *Aeodes marginata* (Halymeniales, Rhodophyta). *Bot. Complut.* 34: 95–98. (ABM, Ge, T, Cs, Mu, PM, *Rhodophyceae*, Corol).
1556. GÓMEZ GARRETA, A.; RIBERA SIGUAN, M. A.; SALVADOR SOLER, N.; RULL LLUCH, J. & KAPRAUN, D. F. 2010. Fucales (Phaeophyceae) from Spain characterized by large-scale discontinuous nuclear DNA contents consistent with ancestral cryptopolyploidy. *Phycologia* 49: 64–72. (ABM, C, Lu, B, Ge, O, SS, *Phaeophyceae*, Tax).
1557. HERNÁNDEZ, I.; BERMEJO, R.; PÉREZ-LLORENS, J. L. & VERGARA, J. J. 2010. Contribución al conocimiento de los macrófitos marinos del saco interno y caños adyacentes de la bahía de Cádiz. *Algas, Bol. Soc. Española Ficol.* 43: 11–16. (ABM, Ca, Flora).
1558. LÓPEZ-FLORES, R.; BOIX D.; BADOSA, A.; BRUCET, S. & QUINTANA, X. 2010. Is Microtox (c) toxicity related to potentially harmful algae proliferation in Mediterranean salt marshes. *Limnetica* 29: 257–268. (AEP, Ge, Tox, Bioin).
1559. MATA, L.; SCHUENHOFF, A. & SANTOS, R. 2010. A direct comparison of the performance of the seaweed biofilters, *Asparagopsis armata* and *Ulva rigida*. *J. Appl. Phycol.* 22: 639–644. (ABM, Ag, Cult, *Rhodophyceae*, *Chlorophyceae*).
1560. MATEO, P.; BERRENDERO, E.; PERONA, E.; LOZA, V. & WHITTON, B. A. 2010. Phosphatase activities of cyanobacteria as indicators of nutrient status in a Pyrenees river. *Hydrobiologia* 652: 255–268. (AEP, Ge, Quim, Ecol, *Cyanophyceae*).
1561. MUYLAERT, K.; PÉREZ-MARTÍNEZ, C.; SÁNCHEZ-CASTILLO, P.; LAURIDSEN, T. L.; VANDERSTUKKEN, M.; DECLERCK, S. A. J.; VAN DER GUCHT, K.; CONDE-PORCUNA, J. M.; JEPPESEN, E.; DE MEESTER, L. & VYVERMAN, W. 2010. Influence of nutrients, submerged macrophytes and zooplankton grazing on phytoplankton biomass and diversity along a latitudinal gradient in Europe. *Hydrobiologia* 653: 79–90. (AEP, España, Ecol).
1562. ORIVE, E.; LAZA-MARTINEZ, A.; SEOANE, S.; ALONSO, A.; ANDRADE, R. & MIGUEL, I. 2010. Diversity of *Pseudo-nitzschia* in the Southeastern Bay of Biscay. *Diatom Research* 25: 125–145. (APM, SS, *Diatomophyceae*, Anat).
1563. PEÑA, V. & BÁRBARA, I. 2010. Seasonal patterns in the maërl community of shallow European Atlantic beds and their use as a baseline for monitoring studies. *European J. Phycol.* 45: 327–343. (ABM, C, Po, Flora, Ecol).
1564. PEÑA, V. & BÁRBARA, I. 2010. New records of crustose seaweeds associated with subtidal maërl beds and gravel bottoms in Galicia (NW Spain). *Bot. Mar.* 53: 41–61. (ABM, C, Po, Flora, *Rhodophyceae*).
1565. PÉREZ-MARTÍNEZ, C.; SÁNCHEZ-CASTILLO, P. & JIMÉNEZ-PÉREZ, M. V. 2010. Utilization of immobilized benthic algal species for N and P removal. *J. Appl. Phycol.* 22: 277–282. (AEP, España, Quim, Cult).
1566. PETERS, F. 2010. Ramon Margalef, the curiosity driven life of a self-taught naturalist. *Limnol. Oceanography Bull.* 19: 2–15. (Bioi).
1567. PUIGSERVER, M.; MONERRIS, N.; PABLO, J.; ALÓS, J. & MOYÀ, G. 2010. Abundance patterns of the toxic phytoplankton in coastal waters of the Balearic Archipelago (NW Mediterranean Sea): a multivariate approach. *Hydrobiologia* 644: 145–157. (APM, PM, Tox, Ecol).
1568. RAMOS, V.; SEABRA, R.; BRITO, A.; SANTOS, A.; SANTOS, C. L.; LOPO, M.; MORADAS-FERREIRA, P.; VASCONCELOS, V. M. & TAMAGNINI, P. 2010. Characterization of an intertidal cyanobacterium that constitutes a separate clade together with thermophilic strains. *European J. Phycol.* 45: 394–403. (AEP, Ag, Tax, *Cyanophyceae*).
1569. REIS COSTA, P.; BOTELHO, M.J. & LEFEBVRE, K.A. 2010. Characterization of paralytic shellfish toxins in seawater and sardines (*Sardina pilchardus*) during blooms of *Gymnodinium catenatum*. *Hydrobiologia* 655: 89–97. (APM, Portugal, Tox, *Dinophyceae*).
1570. RIBEIRO, S.; LUNDHOLM, N.; AMORIM, A. & ELLEGAARD, M. 2010. *Protoperidinium minutum* (Dinophyceae) from Portugal: cyst-theca relationship and phylogenetic position on the basis of single-cell SSU and LSU rDNA sequencing. *Phycologia* 49: 48–63. (AEP, BL, Anat, *Dinophyceae*).
1571. RODRIGUEZ-PRieto, C. & HOMMERSAND, M. H. 2009. Behaviour of the nuclei in pre- and postfertilization stages in *Kallymenia* (Kallymeniaceae, Rhodophyta). *Phycologia* 48: 138–155. (ABM, Ge, Cs, PM, Tax, Anat, *Rhodophyceae*).
1572. ROJO, C.; BARÓN-RODRÍGUEZ, M. M.; ÁLVAREZ-COBE-LAS, M. & RODRIGO, M. A. 2010. Sustained primary production with changing phytoplankton assemblages in a semiarid wetland. *Hydrobiologia* 639: 55–62. (AEP, CR, Ecol).
1573. ROJO, C. & SALAZAR, G. 2010. Why are there so many kinds of planktonic consumers? The answer lies in the allometric diet breadth. *Hydrobiologia* 653: 91–102. (AEP, CR, Tox).

1574. RULL LLUCH, J.; SILVA, J. & LEZAMA, N. 2010. Mapas de distribución de algas marinas de la Península Ibérica y las Islas Baleares. XXIV. *Catenella caespitosa*, *Caulacanthus ustulatus* y *Feldmannophycus rayssiae* (Caulacanthaceae, Rhodophyta). *Bot. Complut.* 34: 89-93. (ABM, España, Portugal, *Rhodophyceae*, Corol).
1575. SÁNCHEZ, N.; FRESHWATER, D. W. & RODRIGUEZ-PRieto, C. 2010. Vegetative, reproductive and molecular characterization of *Gloiocladia microspora* (Faucheaceae, Rhodophyta). *European J. Phycology* 45: 63-78. (ABM, Ge, PM, Lu, Ag, *Rhodophyceae*, Anat, Tax).
1576. SERIO, D.; CORMACI, M.; FURNARI, G. & BOISSET, F. 2010. First record of *Palisada maris-rubri* (Ceramiales, Rhodophyta) from the Mediterranean Sea along with three proposed transfers to the genus *Palisada*. *Phycological Research* 58: 9-16. (ABM, Mu, Tax, Anat, *Rhodophyceae*).
1577. SUREDA, A.; TAULER, P.; TERRADOS, J.; MARBÀ, N.; PONS, A. & DEUDERO, S. 2010. Seasonality of caulerpenyne content in native *Caulerpa prolifera* and invasive *C. taxifolia* and *C. racemosa* var. *cylindracea* in the western Mediterranean Sea. *Bot. Mar.* 53: 367-375. (ABM, PM, *Chlorophyceae*, Quim, Tox).
1578. TRONHOLM, A.; STEEN, F.; TYBERGHEIN, L.; LELIAERT, F.; VERBRUGGEN, H.; RIBERA SIGUÁN, M. A. & DE CLERCK, O. 2010. Species delimitation, taxonomy, and biogeography of *Dictyota* in Europe (Dictyotales, Phaeophyceae). *J. Phycol.* 46: 1301-1321. (ABM, España, *Phaeophyceae*, Tax, Corol).
1579. VÁZQUEZ-LUIS, M.; SÁNCHEZ-JEREZ, P. & BAYLE-SEMPERE, J. T. 2010. Effects of *Caulerpa racemosa* var. *cylindracea* on prey availability: an experimental approach to predation of amphipods by *Thalassoma pavo* (Labridae). *Hydrobiologia* 654: 147-154. (ABM, A, *Chlorophyceae*, Ecol).