

Bibliografía Botánica Ibérica, 2013

Phycophyta

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- 1724 ALTAMIRANO, M.; DE LA ROSA, J.; FLAGELLA, M. & ZANOLLA, M. 2013. Contribuciones a la flora marina bentónica de las Islas Chafarinas (Mar de Alborán, Mediterráneo Occidental). *Acta Bot. Malacitana* 38: 187-191. (ABM, Flora, Corol, Chafarinas, Esp).
- 1725 ANFUSO, E.; DEBELIUS, B.; CASTRO, C. G.; PONCE, R.; FORJA, J. M. & LUBIAN, L. M. 2013. Seasonal evolution of chlorophyll-a and cyanobacteria (*Prochlorococcus* and *Synechococcus*) on the northeast continental shelf of the Gulf of Cádiz: relation to thermohaline and nutrients fields. *Sci. Mar.* 77, supl: 25-36. <http://dx.doi.org/10.3989/scimar.03730.27A> (APM, *Prochlorococcus*, *Synechococcus*, *Cyanophyceae*, Quim, Ecol, Ca, Esp)
- 1726 ASENCIO, A. D. 2013. Determination of microcystins in reservoirs of different basins in a semiarid area. *J. Appl. Phycol.* 25: 1753-1762. (AEP, Flora, Ecol, Tox, A, Esp).
- 1727 ASENCIO, A. D. & HOFFMANN, L. 2013. Chemosystematic evaluation of the genus *Scytonema* (Cyanobacteria) based on occurrence of phycobiliproteins, scytonemin, carotenoids and mycosporine-like amino acid compounds. *Eur. J. Phycol.* 48: 331-344. (AEP, *Cyanophyceae*, *Scytonema*, Quim, Esp, Portugal).
- 1728 BÁRBARA, I. & DÍEZ, I. 2013. Multi-scale spatial variability in intertidal benthic assemblages: Differences between sand-free and sand-covered rocky habitats. *Est. Coastal Shelf Sc.* 133: 97-108. <http://dx.doi.org/10.1016/j.ecss.2013.08.019> (ABM, Veget, Ecol, Esp).
- 1729 BÁRBARA, I.; GALLARDO, T.; CREMADES, J.; BARREIRO, R.; MANEIRO, I. & SAUNDERS, G. W. 2013. *Pseudopolyides furcellarioides* gen. et sp. nov. (Gigartinales, Rhodophyta) an erect member of the Cruoriaceae based on morphological and molecular evidence. *Phycologia* 52: 191-203. (ABM, *Pseudopolyides*, *Rhodophyceae*, SisM, gen. nov, sp. nov., Anat, Esp).
- 1730 BÁRBARA, I.; CHOI, H.-G.; SECILLA, A.; DÍAZ, P.; GOROSTIAGA, J. M.; SEO, T.-K.; JUNG, M.-Y. & BERECHIBAR, E. 2013. *Lampisiphonia iberica* gen. et sp. nov. (Ceramiales, Rhodophyta) based on morphology and molecular evidence. *Phycologia* 52: 137-155. <http://dx.doi.org/10.2216/12-009.1> (ABM, *Lampisiphonia*, *Rhodophyceae*, Anat, SisM, gen. nov., sp. nov., Esp).
- 1731 CIMINIELLO, P.; DELL' AVERSANO, C.; DELLO LACOVO, E.; FATTORUSSO, E.; FORINO, M.; TARTAGLIONE, L.; YASUMOTO, T.; BATTOCCHI, C.; GIACOBBE, M.; AMORIM, A. & PENNA, A. 2013. Investigation of toxin profile of Mediterranean and Atlantic strains of *Ostreopsis cf. siamensis* (*Dinophyceae*) by liquid chromatography-high resolution mass spectrometry. *Harmful Algae* 23: 19-27. (APM, *Ostreopsis*, *Dinophyceae*, Tox, Es, Portugal).
- 1732 CORCOLL, N.; BONET, B.; LEIRA, M.; MONTUELLE, B.; TLILI, A. & GUASCH, H. 2012. Light history influences the response of fluvial biofilms to Zn exposure. *J. Phycology* 48: 1411-1423. DOI: 10.1111/j.1529-8817.2012.01223.x (AEP, *Bacillariophyceae*, Ecol, Quim, Ge, Esp).
- 1733 CRAVEIRO, S. C.; PANDEIRADA, M. S.; DAUGBJERG, N.; MOESTRUP, Ø. & CALADO, A. J. 2013. Ultrastructure and phylogeny of *Theleodinium calcisporum* gen. et sp. nov., a freshwater dinoflagellate that produces calcareous cysts. *Phycologia* 52: 488-507. (AEP, *Theleodinium*, *Dinophyceae*, Anat, SisM, sp. nov., BL, Portugal).
- 1734 DAVID, H.; LAZA-MARTÍNEZ, A.; MIGUEL, I. & ORIVE, E. 2013. *Ostreopsis cf. siamensis* and *Ostreopsis cf. ovata* from the Atlantic Iberian Peninsula: morphological and phylogenetic characterization. *Harmful Algae* 30: 44-55. (APM, *Dinophyceae*, Corol, Anat, SisM, Esp, Portugal).
- 1735 DE LA ROSA, J.; ALTAMIRANO, M. & ZANOLLA, M. 2013. Checklist of benthic marine Cyanoprokariota of Chafarinas Islands (Alboran Sea, Western Mediterranean). *Acta Bot. Malacitana* 38: 182-186. (ABM, Flora, *Cyanophyceae*, Chafarinas, Esp).
- 1736 DÍAZ-TAPIA, P. 2013. *Estudio ficológico de los hábitats rocoso-arenosos del Atlántico Peninsular*. Tesis doctoral, Departamento de Biología Animal, Biología Vegetal e Ecoloxía, Universidad de A Coruña. (ABM, *Rhodophyceae*, *Phaeophyceae*, Flora, Corol, Anat, Ecol, Esp, Portugal).
- 1737 DÍAZ-TAPIA, P. & BÁRBARA, I. 2013. Seaweeds from sand-covered rocks of the Atlantic Iberian Peninsula. Part 1. The Rhodomelaceae (Ceramiales, Rhodophyta). *Cryptogamie, Algologie* 34 (4): 325-422. <http://dx.doi.org/10.7872/crya.v34.iss4.2013.325> (ABM, *Rhodophyceae*, Flora, SisM, Esp, Portugal).
- 1738 DÍAZ-TAPIA, P.; BÁRBARA, I. & BERECHIBAR, E. 2013. Vegetative and reproductive morphology of *Polysiphonia*

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- tripinnata* (Rhodomelaceae, Rhodophyta): a new record from the European Atlantic coast. *Bot. Mar.* 56(2): 151-160. (ABM, *Polysiphonia*, *Rhodophyceae*, Anat, Esp).
- 1739 DÍAZ-TAPIA, P.; BOO, S. M.; GERALDINO, P. J. L.; MANEIRO, I.; BÁRBARA, I. & HOMMERSAND, M. H. 2013. Morphology and systematics of *Calliblepharis hypneoides*, sp. nov. (Cystocloniaceae, Rhodophyta) from the Atlantic Iberian Peninsula. *Eur. J. Phycol.* 48: 380-397. <http://dx.doi.org/10.1080/09670262.2013.844860> (ABM, *Calliblepharis*, *Rhodophyceae*, sp. nov., Anat, SisM, Esp, Portugal).
- 1740 DÍAZ-TAPIA, P.; KIM, M. S.; SECILLA, A.; BÁRBARA, I. & CREMADES, J. 2013. Taxonomic reassessment of *Polysiphonia foetidissima* (Rhodomelaceae, Rhodophyta) and similar species, including *P. schneideri*, a newly introduced species in Europe. *Eur. J. Phycol.* 48: 345-362. <http://dx.doi.org/10.1080/09670262.2013.842655> (ABM, *Polysiphonia*, *Rhodophyceae*, Anat, SisM, Esp, Portugal).
- 1741 DUARTE, L.; VIEJO, R. M.; MARTÍNEZ, B.; DE CASTRO, M.; GÓMEZ-GESTEIRA, M. & GALLARDO, T. 2013. Recent and historical range shifts of two canopy-forming seaweeds in North Spain and the link with trends in sea surface temperature. *Acta Oecologica* 51: 1-10. <http://dx.doi.org/10.1016/j.actao.2013.05.002> (ABM, Veget, Ecol, Lu, O, Esp).
- 1742 FLOR-ARNAU, N.; CAMBRA SÁNCHEZ J. & VELASCO I BATTLE, E. 2013. Valoración de lagos y lagunas de la cuenca del Duero a partir de los macrofitos acuáticos. *Limnetica* 32: 373-390. (AEP, *Chara*, *Chlorophyceae*, Ecol, Esp).
- 1743 GADEA, I.; RODILLA, M.; SOSÉDRA, J.; FALCO, S. & MORATA, T. 2013. Seasonal dynamics of the phytoplankton community in the Gandia coastal area, Southern Gulf of Valencia. *Thalassas* 29(1): 35-58. (AEP, Flora, Ecol, V, Esp).
- 1744 GALLARDO, T. & ÁLVAREZ COBELAS, M. 2013. Bibliografía Botánica Ibérica, 2012, Phycophyta. *Bot. Complut.* 37: 203-209. (ABM, APM, AEP, Bibl).
- 1745 GALLARDO, T. 2013. Notas sobre los 25 años de la Sociedad Española de Ficología. *Algas, Bol. Inf. Soc. Esp. Ficol.* 47: 34-39. (Biog).
- 1746 GARCÍA-JIMÉNEZ, P.; BRITO-ROMANO, O. & ROBAINA, R. R. 2013. Production of volatiles by the red seaweed *Gelidium arbuscula* (Rhodophyta): emission of ethylene and dimethyl sulfide. *J. Phycol.* 49: 661-669. <http://dx.doi.org/10.1111/jpy.12083> (ABM, *Rhodophyceae*, *Gelidium*, Quim, GC, IC, Esp).
- 1747 KANG, J. C. & KIM, M-S. 2013. A novel species *Symphocladia glabra* sp. nov. (Rhodomelaceae, Rhodophyta) from Korea based on morphological and molecular analyses. *Algae* 28: 149-160. (ABM, *Pterosiphonia*, *Rhodophyceae*, SisM, C, Esp).
- 1748 KAUFMANN, M. 2013. *Gambierdiscus* and related benthic dinoflagellates from Madeira archipelago (NE Atlantic). *Harmful Algae News* 18-19. (ABM, *Gambierdiscus*, *Dinophyceae*, Madeira, Flora, Tox, Portugal).
- 1749 LAGE, S. & REIS COSTA, P. 2013. Paralytic shellfish toxins in the Atlantic horse mackerel (*Trachurus trachurus*) over a bloom of *Gymnodinium catenatum*: the prevalence of decarbamoylsaxitoxin in the marine food web. *Sci. Mar.* 77(1): 13-17. <http://dx.doi.org/10.3989/scimar.03701.28C> (AEP, *Gymnodinium*, *Dinophyceae*, Tox, Es, Portugal).
- 1750 LÓPEZ-RODAS, V.; COSTAS, E. & FLORES-MOYA, A. 2013. Phenotypic and genetic diversities are not correlated in strains of the cyanobacterium *Microcystis aeruginosa* isolated in SW Spain. *Acta Bot. Malacitana* 38: 5-12. (AEP, *Microcystis*, *Cyanophyceae*, Anat, H, Esp).
- 1751 LOZA, V.; BERRENDERO, E.; PERONA, E. & MATEO, P. 2013. Polyphasic characterization of benthic cyanobacterial diversity from biofilms of the Guadarrama river (Spain): morphological, molecular, and ecological approaches. *J. Phycol.* 49: 282-297. <http://dx.doi.org/10.1111/jpy.12036>. (AEP, *Cyanophyceae*, Anat, SisM, M, Esp).
- 1752 LOZA, V.; PERONA, E.; CARMONA, J. & MATEO, P. 2013. Phenotypic and genotypic characteristics of *Phormidium*-like cyanobacteria inhabiting microbial mats are correlated with the trophic status of running waters. *Eur. J. Phycol.* 48: 235-252. (AEP, *Cyanophyceae*, *Phormidium*, Anat, SisM, M, Esp).
- 1753 NECCHI JR., O.; SILVA GARCIA FO, A.; SALOMAKI, E. D.; WEST, J. A.; ABOAL, M. & VIS, M. L. 2013. Global sampling reveals low genetic diversity within *Compsopogon* (Compsopogonales, Rhodophyta). *Eur. J. Phycol.* 48: 152-162. (AEP, *Rhodophyceae*, *Compsopogon*, SisM, Z, L, Esp).
- 1754 NOVAIS, M. H.; WETZEL, C. E.; VAN DE VIJVER, B.; MORAIS, M. M.; HOFFMANN, L. & ECTOR, L. 2013. New species and combinations in the genus *Geissleria* (Bacillariophyceae). *Cryptogamie, Algologie* 34(2): 117-148. (AEP, *Geissleria*, *Bacillariophyceae*, sp. nov., Anat, Tax, AA, Portugal).
- 1755 ORIVE, E.; PÉREZ-AICUA, L.; DAVID, E.; GARCÍA-ETXEBARRIA, K.; LAZA-MARTÍNEZ, A.; SEOANE, S. & MIGUEL, I. 2013. The genus *Pseudo-nitzschia* (Bacillariophyceae) in a temperate estuary with description of two new species: *Pseudo-nitzschia plurisecta* sp. nov. and *Pseudo-nitzschia abrensis* sp. nov. *J. Phycol.* 49: 1192-1206. <http://dx.doi.org/10.1111/jpy.12130> (APM, *Bacillariophyceae*, *Pseudo-nitzschia*, sp. nov., Anat, SisM, Bi, Esp).
- 1756 PAZ, P.; BLANCO, J. & FRANCO, J. M. 2013. Yessotoxins production during the culture of *Protoceratium reticulatum* strains isolated from Galician Rias Baixas (NW Spain). *Harmful Algae* 21: 13-19. (APM, *Protoceratium*, *Dinophyceae*, Cult, Tox, Po, Esp).
- 1757 PEÑA, V. & BÁRBARA I. 2013. Playa de Retorta e Isla Benencia (Ría de Arousa, Galicia), un patrimonio marino natural singular en la Península Ibérica. *Algas, Bol. Inf. Soc. Esp. Ficol.* 47: 4-7. (ABM, Aplic, Po, Esp).
- 1758 PEÑA, V. & BÁRBARA, I. 2013. Non-coraline crustose algae associated with maerl beds in Portugal: a reapprai-

- sal of their diversity in the Atlantic Iberian beds. *Bot. Mar.* 56(5-6): 481-493. (ABM, Veget, *Rhodophyceae*, Portugal).
- 1759 PETEIRO, C. & FREIRE, O. 2013. Biomass yield and morphological features of the seaweed *Saccharina latissima* cultivated at two different sites in a coastal bay in the Atlantic coast of Spain. *J. Appl. Phycol.* 25: 205-213. (ABM, *Saccharina*, *Phaeophyceae*, Aplic, C, Esp).
- 1760 REÑÉ, A.; GARCÉS, E. & CAMP, J. 2013. Phylogenetic relationships of *Cochlodinium polykrikoides* Margalef (Gymnodiniales, *Dinophyceae*) from the Mediterranean Sea and the implications of its global biogeography. *Harmful Algae* 25: 39-46. (APM, *Cochlodinium*, *Dinophyceae*, SisM, Corol, Esp).
- 1761 RIBAS-RIBAS, M.; SOBRINO, C.; DEBELIUS, B.; LUBIÁN, L. M.; PONCE, R.; GÓMEZ-PARRA, A. & FORJA, J. M. 2013. Picophytoplankton and carbon cycle on the northeastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). *Sci. Mar.* 77, supl: 49-62. <http://dx.doi.org/10.3989/scimar.03732.27D> (APM, *Prochlorococcus*, *Synechococcus*, *Cyanophyceae*, Quim, Corol, Ca, Esp).
- 1762 RODRÍGUEZ-PRIETO, C.; FRESHWATER, D. W. & HOMMERSAND, M. H. 2013. Vegetative and reproductive development of Mediterranean *Gulsonia nodulosa* (Ceramiales, Rhodophyta) and its genetic affinities. *Phycologia* 52: 357-367. (ABM, *Rhodophyceae*, *Gulsonia*, Anat, SisM, Ge, Esp).
- 1763 RODRÍGUEZ-PRIETO, C.; SARTONI, G.; LIN, S-M. & HOMMERSAND, M. H. 2013. Comparative morphology and systematics of *Chondrymenia lobata* from the Mediterranean Sea and a phylogeny of the *Chondrymeniaceae* fam. nov. (Rhodophyta) based on *rbcL* sequence analyses. *Eur. J. Phycol.* 48: 188-199. (ABM, *Rhodophyceae*, *Chondrymenia*, fam. nov., Anat, SisM, Esp).
- 1764 SAMPEDRO, N.; FRANCO, J. M.; ZAPATA, M.; RIOBÓ, P.; GARCÉS, E.; PENNA, A.; CAILLAUD, A.; DIOGÈNE, J.; CACHO, E. & CAMP, J. 2013. The toxicity and intraspecific variability of *Alexandrium andersonii* Balech. *Harmful Algae* 25: 26-38. (APM, *Alexandrium*, *Dinophyceae*, Tox, Anat).
- 1765 SÁNCHEZ DE PEDRO, R.; NIELL, F. X. & CARMONA, R. 2013. Differential nutrient uptake by two segregated red algae in an estuarine intertidal zone. *Phycologia* 52: 461-471. (ABM, *Rhodophyceae*, Ecol, Quim, Ca, Esp).
- 1766 SATTÀ, C. T.; ANGLÈS, S.; LUGLIÈ, A.; GUILLÉN, J.; SECHI, N.; CAMP, J. & GARCÉS, E. 2013. Studies on dinoflagellate cyst assemblages in two estuarine Mediterranean bays: A useful tool for the discovery and mapping of harmful algal species. *Harmful Algae* 24: 65-79. (ABM, *Dinophyceae*, Anat, Tox, T, Esp).
- 1767 TABOADA, M. C.; MILLÁN, R. & MIGUEZ, M. I. 2013. Nutritional value of the marine algae wakame (*Undaria pinnatifida*) and nori (*Porphyra purpurea*) as food supplements. *J. Appl. Phycol.* 25: 1271-1276. (ABM, *Undaria*, *Porphyra*, *Rhodophyceae*, *Phaeophyceae*, Quim, Aplic, C, Esp).
- 1768 VEIGA, P.; RUBAL, M.; VIEIRA, R.; ARENAS, F. & SOUSA-PINTO, I. 2013. Spatial variability in intertidal macroalgal assemblages on the North Portuguese coast: consistency between species and functional group approaches. *Hegol. Mar. Res.* 67: 191-201. (ABM, Veget, Flora, Ecol, Mi, DL, BL, Portugal).
- 1769 VERGÉS, A.; SÁNCHEZ, N.; PETEIRO, C.; POLO L. & BRODIE, J. 2013. *Pyropia suborbiculata* (Bangiales, Rhodophyta): first records from the northeastern Atlantic and Mediterranean of this North Pacific species. *Phycologia* 52: 121-129. (ABM, *Pyropia*, *Rhodophyceae*, Anat, SisM, Corol, Esp, Portugal).
- 1770 VERGÉS, A.; COMALADA, N.; SÁNCHEZ, N. & BRODIE, J. 2013. A reassessment of the foliose Bangiales (Rhodophyta) in the Balearic Islands including the proposed synonymy of *Pyropia olivii* with *Pyropia koreana*. *Bot. Mar.* 56: 229-240. (ABM, *Pyropia*, *Rhodophyceae*, Anat, Tax, PM, Esp).