

# Bibliografía Botánica Ibérica, 2011

## Phycophyta

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1580. ABOAL, M. & WERNER, O. 2011. Morphology, fine structure, life cycle and phylogenetic analysis of *Phyllosiphon arisari*, a siphonous parasitic green alga. *Europ. J. Phycol.* 46: 181-192. (AEP, A, Xanthophyceae, Anat, Tax).
1581. ABREU, A. H.; PEREIRA, R.; SOUSA-PINTO, I. & YARISH, C. 2011. Ecophysiological studies of the non-indigenous species *Gracilaria vermiculophylla* (Rhodophyta) and its abundance patterns in Ria de Aveiro lagoon, Portugal. *Europ. J. Phycol.* 46: 453-464. (ABM, BL, Rhodophyceae, Ecol).
1582. ABREU, M. H.; PEREIRA, R.; YARISH, C.; BUSCHMANN, A.H. & SOUSA-PINTO, I. 2011. IMTA with *Gracilaria vermiculophylla*: Productivity and nutrient removal performance of the seaweed in a land-based pilot scale system. *Aquaculture* 312: 77-87. (ABM, BL, Rhodophyceae, Ecol).
1583. ÁLVAREZ, E.; LÓPEZ URRUTIA, A.; NOGUEIRA, E. & FRAGA, S. 2011. How to effectively sample the plankton size spectrum? A case study using FlowCAM. *J. Plankton Res.* 33: 1119-1133. (APM, Po, SS, Ecol, Met)
1584. ÁLVAREZ COBELAS, M.; ANGLER, D. G.; ROJO, C. & CIRUJANO, S. 2011. The importance of Phytoplankton production for carbon budgets in a semiarid floodplain wetland. *An. J. Bot. Madrid* 68: 253-267. (AEP, CR, Characeae, Ecol).
1585. ALMEDA, R.; CALBET, A.; ALCARAZ, M.; SAIZ, E.; TREPAT, I.; ARIN, L.; MOVILLA, J. & SALÓ, V. 2011. Trophic role and carbon budget of metazoan microplankton in northwest Mediterranean coastal waters. *Limnol. Oceanogr.* 56: 415-430. (APM, Ge, Diatomophyceae, Ecol).
1586. ARAÚJO, R.; SERRÃO, E. A.; SOUSA-PINTO, I. & ÅBERG, P. 2011. Phenotypic differentiation at southern limit borders: the case study of two fucoid macroalgal species with different life-history traits. *J. Phycol.* 47: 451-462. (ABM, Mi, Ascophyllum, Phaeophyceae, Ecol).
1587. ARAÚJO, R.; VIOLANTE, J.; PEREIRA, R.; ABREU, H.; ARENAS, F. & SOUSA-PINTO, I. 2001. Distribution and population dynamics of the introduced seaweed *Grateloupa turuturu* (Halymeniaceae, Rhodophyta) along the Portuguese coast. *Phycologia* 50: 392-402. (ABM, Mi, DL, BL, Rhodophyceae, Corol, Ecol).
1588. ARJONA, M. M.; BANARES-ESPAÑA, E. & FLORES-MOYA, A. 2011. Notas corológicas del macrofitobentos de Andalucía (España). X. *Acta Bot. Malacit.* 36: 159-160. (ABM, Ca, Flora).
1589. BARREIRO, F.; GÓMEZ, M.; LASTRA, M.; LÓPEZ, J. & DE LA HUZ, R. 2011. Annual cycle of wrack supply to sandy beaches: effect of the physical environment. *Mar. Ecol. Progr. Ser.* 433: 65-74. (ABM, Po, Sargassum, Phaeophyceae, Ecol).
1590. BERNARDEAU-ESTELLER, J.; MARÍN-GUIRAO, L.; SANDOVAL-GIL, J. M. & RUIZ, J. M. 2011. Photosynthesis and daily metabolic carbon balance of the invasive *Caulerpa racemosa* var. *cylindracea* (Chlorophyta; Caulerpales) along a depth gradient. *Scient. Mar.* 75: 803-810. (ABM, Mu, Chlorophyceae, Quim).
1591. BERTOCCI, L.; ARAÚJO, R.; VASELLI, S. & SOUSA-PINTO, I. 2011. Marginal populations under pressure: spatial and temporal heterogeneity of *Ascophyllum nodosum* and associated assemblages affected by human trampling in Portugal. *Mar. Ecol. Progr. Ser.* 439: 73-82. (ABM, BL, Phaeophyceae, Ecol).
1592. BLANCO, S. 2011. *Neodetonia* nom. nov.; a replacement name for *Detonia* Frenguelli (Bacillariophyceae). *Phycologia* 50: 327. (APM, Diatomophyceae, nom. nov., Tax).
1593. BOCK, C.; PRÖSCHOLD, T. & KRIENITZ, L. 2011. Updating the genus *Dictyosphaerium* and description of *Mucidosphaerium* gen. nov. (Trebouxiophyceae) based on morphological and molecular data. *J. Phycol.* 47: 638-652. (AEP, AA, Trebouxiophyceae, sp. nov., Anat, SisM, Tax).
1594. BOX, A.; 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: 367-376. (ABM, PM, Chlorophyceae, Ecol, Tox).
1595. BUTRÓN, A.; ORIVE, E. & MADARIAGA, I. 2011. Potential risk of harmful algae transport by ballast waters. The case of Bilbao Harbour. *Mar. Pollut. Bull.* 62: 747-75. (APM, Bi, Flora).
1596. CABELLO-PASINI A.; MACÍAS-CARRANZA, V.; ABDALA, R.; KORBEE, C. & FIGUEROA, F. L. 2011. Effect of nitrate concentration and UVR on photosynthesis, respiration, nitrate reductase activity, and phenolic compounds in *Ulva rigida* (Chlorophyta). *J. Appl. Phycol.* 23: 363-369. (ABM, Ma, Chlorophyceae, Quim).

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1597. CALADO, A. 2011. On the identity of the freshwater dinoflagellate *Glenodinium edax*, with a discussion on the genera *Tyrannodinium* and *Katodinium*, and the description of *Opisthoaulax* gen. nov. *Phycologia* 50: 641-649. (AEP, BL, Dinophyceae, gen. nov., Anat, Tax).
1598. CANOVAS, F.; MOTA, C.; FERREIRA-COSTA, J.; SERRÃO, E.; COYER, J.; OLSEN, J. & PEARSON, G. 2011. Development and characterization of 35 single nucleotide polymorphism markers for the brown alga *Fucus vesiculosus*. *Europ. J. Phycol.* 46: 342-351. (ABM, Mi, E, Phaeophyceae, SisM, Tax).
1599. CARMONA, J.; PERONA, E.; SÁNCHEZ DÍAZ, E. & LOZA, V. 2011. Morphological and ecological characterization of Batrachospermales (Rhodophyta) in the Jarama Basin, Iberian Peninsula. *Limnetica* 30: 117-128. (AEP, M, Rhodophyceae, Anat, Flora).
1600. CARTAXANA, P.; RUIVO, M.; HUBAS, C.; DAVIDSON, I.; SE-RÓDIO, J. & JESÚS, B. 2011. Physiological versus behavioral photoprotection in intertidal epipelagic and epip-sammic benthic diatom communities. *J. Exp. Mar. Biol. Ecol.* 405 (2011) 120-127 (ABM, E, Diatomophyceae, Ecol).
1601. CEJUDO-FIGUEIRAS, C.; MORALES, E. A.; WETZEL, C. E.; BLANCO, S.; HOFFMANN, L. & ECTOR, L. 2011. Analysis of the type of *Fragilaria construens* var. *subsalina* (Bacillariophyceae) and description of two morphologically related taxa from Europe and the United States. *Phycologia* 50: 67-77. (AEP, Sa, Diatomophyceae, sp. nov., Anat, Tax).
1602. CIRUJANO, S.; ÁLVAREZ COBELAS, M.; SÁNCHEZ-CARRILLO, S.; ANGELER D. G. & GARCÍA-MURILLO, P. 2009. Wetland management in Spain: a history of controversial conservation. In: José R. Herrera (Ed.), *International Wetlands: Ecology, Conservation & Restoration*, 1-15. Nova Science Publishers, Inc., New York. (AEP, Charophytes, Ecol).
1603. CIRUJANO, S.; ÁLVAREZ COBELAS, M. & SÁNCHEZ ANDRÉS, R. 2010. Macrophyte ecology and its long-term dynamics. In: In: S. SÁNCHEZ-CARRILLO & D.G. ANGELER (Eds), *Ecology of threatened semi-arid wetlands*, 175-195. Springer Verlag. Dordrecht. (AEP, CR, Charophyceae, Ecol).
1604. COOKE, P.; PORTER, J.; PINTO, H.; CRUZ, A. R. & ZHANG, F. 2011. Notes from the Iberian Algae Belt. *Europ. Planning Stud.* 19: 159-173 (ABM, Portugal, H, Ca, Corol, Flora).
1605. COUCEIRO, L.; CREMADES, J. & BARREIRO, R. 2011. Evidence for multiple introductions of the Pacific green alga *Ulva australis* Areschoug (Ulvales, Chlorophyta) to the Iberian Peninsula. *Bot. Mar.* 54: 391-402. (ABM, C, Po, Ma, Chlorophyceae, Flora).
1606. COUCEIRO, L.; MANEIRO, I.; MAUGER, S.; VALERO, M.; RUIZ, J. M. & BARREIRO, R. 2011. Microsatellite development in Rhodophyta using high-throughput sequence data. *J. Phycol.* 47: 1258-1265. (ABM, España, Rhodophyceae, SisM, Tax).
1607. COUCEIRO, L.; MANEIRO, I.; RUIZ, J. M. & BARREIRO, R. 2011. Multiscale genetic structure of an endangered seaweed *Ahnfeltiopsis pusilla* (Rhodophyta): implications for its conservation. *J. Phycol.* 47: 259-268. (ABM, C, Po, Ma, Rhodophyceae, Flora, SisM, Conser).
1608. CREMADES, J.; BARREIRO, R.; MANEIRO, I. & SAUNDERS, G. W. 2011. A new taxonomic interpretation of the type of *Plocamium cartilagineum* (Plocamiales, Florideophyceae) and its consequences. *Europ. J. Phycol.* 46: 125-142. (ABM, España, Rhodophyceae, SisM, Tax).
1609. DÍAZ TAPIA, P. & BÁRBARA, I. 2011. Sexual structures in *Ptilothamnion sphaericum* and *Pterosiphonia complanata* (Ceramiales, Rhodophyta) from the Atlantic Iberian Peninsula. *Bot. Mar.* 54: 35-46. (ABM, S, O, C, BL, Mi, Rhodophyceae, Anat, Corol).
1610. DÍAZ TAPIA, P.; BÁRBARA, I. & BARREIRO, R. 2011. Iberian intertidal turf assemblages dominated by *Erythroglossum lusitanicum* (Ceramiales, Rhodophyta): structure, temporal dynamics, and phenology. *Bot. Mar.* 54: 507-521. (ABM, C, Rhodophyceae, Ecol)
1611. DOMÍNGUEZ, S. G. & ASENSIO, A. D. 2011. Distribution of chasmoendolithic cyanobacteria in gypsiferous soils from semi-arid environments (SE Spain) by chemical and physical parameters. *Nova Herwigia* 92: 1-27 (AEP, A, Cyanophyceae, Flora, Corol)
1612. ENGELEN, A. H.; HENRIQUES, N.; MONTEIRO, C. & SANTOS, R. 2011. Mesograzers prefer mostly native seaweeds over the invasive brown seaweed *Sargassum muticum*. *Hydrobiologia* 669: 157-165. (ABM, Portugal, Phaeophyceae, Ecol).
1613. ESCUDERO, M. C. & GALLARDO, T. 2011. La tribu *Cryptopleureae* (Delesseriaceae, Ceramiales, Rhodophyta) en la Península Ibérica. *Bot. Complut.* 35: 15-25. (ABM, España, Rhodophyceae, Anat, Tax).
1614. FANÉS TREVIÑO, I.; SÁNCHEZ CASTILLO, P. M. & COMAS GONZÁLEZ, A. 2010. Nuevas citas de algas verdes Coccales en la Península Ibérica. *Bol. R. Soc. Esp. Hist. Nat., Secc. Biol.* 104: 5-24. (AEP, Ba, Co, Chlorophyceae, Flora).
1615. FAWLEY, M. W.; FAWLEY, K. P. & HEGEWALD, E. 2011. Taxonomy of *Desmodesmus serratus* (Chlorophyceae, Chlorophyta) and related taxa on the basis of morphological and DNA sequence data. *Phycologia* 50: 23-56. (ABM, BA, Chlorophyceae, sp. nov., SisM, Tax).
1616. FERNÁNDEZ, C. 2011. The retreat of large brown seaweeds on the north coast of Spain: the case of *Saccorhiza polyschides*. *Europ. J. Phycol.* 46: 352-360. (ABM, O, Phaeophyceae, Corol).
1617. FUENTES LEMA, A. & SOBRINO GARCÍA, C. 2011. Efecto del incremento de CO<sub>2</sub> sobre la abundancia y biomasa del microfitopláncton y nanopláncton de la Ría de Vigo. *Algas, Bol. Soc. Esp. Ficol.* 44: 4-9. (APM, Diatomophyceae, Po, Ecol).
1618. GALLARDO, T. & ÁLVAREZ COBELAS, M. 2011. Bibliografía Botánica Ibérica 2010. Phycophyta. *Bot. Complut.* 35: 189-191. (ABM, AEP, APM, Bibl).

1619. GALLARDO, T. & ESCUDERO, M. C. 2011. *Gonimophylum buffhamii* Batters (Delesseriaceae, Rhodophyceae) from the Iberian Peninsula: description of morphological and reproductive structures. *Crypt. Algol.* 31: 27-36. (ABM, España, Rhodophyceae, Anat, Flora, Tax).
1620. GARCÍA NIETO, P. J.; SÁNCHEZ LASHERAS, F.; COS JUEZ, F. J. DE & ALONSO FERNÁNDEZ, J. R. 2011. Study of cyanotoxins presence from experimental cyanobacteria concentrations using a new data mining methodology based on multivariate adaptive regression splines in Trasosa reservoir (Northern Spain). *J. Hazardous Mat.* 195: 414-421. (AEP, O, Cyanophyceae, Tox).
1621. GARCÍA-FERNÁNDEZ, M. E. & ABOAL, M. 2011. *Cyanidium caldarium* (Tilden) Geitler (Cyanidiaceae, Cyanidiophyceae), nueva cita para la flora algal continental española. *Acta Bot. Malacit.* 36: 164-169. (AEP, Ma, Cyanidiophyceae, Anat, Flora).
1622. GARCÍA JURADO, F.; JIMÉNEZ GÓMEZ, F. & GUERRERO, F. 2011. Effects of a dry period on the limnological characteristics of a Mediterranean high mountain lake. *Limnetica* 30: 5-16. (AEP, Gr, Chlorophyceae, Ecol).
1623. GUILLÉN, J. E.; JIMÉNEZ, S.; MARTÍNEZ, J.; TRIVIÑO, A.; MÚGICA, J.; ARGILÉS, J. & BUENO, M. 2010. Expansion of the invasive algae *Caulerpa racemosa* var. *cylindracea* (Sonder) Verlaque, Huisman & Boudouresque, 2003 on the region of Valencia seabed. *Thalassas*, 26: 135-149. (ABM, V, Cs, A, Chlorophyceae, Flora).
1624. INCERA, M.; OLABARRIA, C.; CACABELOS, E.; CÉSAR, J. & TRONCOSO, J. S. 2011. Distribution of *Sargassum muticum* on the North West coast of Spain: Relationships with urbanization and community diversity. *Cont. Shelf Res.* 31: 488-495. (Po, C, Phaeophyceae, Corol).
1625. LAZA-MARTINEZ, A.; ORIVE, E. & MIGUEL, I. 2011. Morphological and genetic characterization of benthic dinoflagellates of the genera *Coolia*, *Ostreopsis* and *Prorocentrum* from the south-eastern Bay of Biscay. *Europ. J. Phycol.* 46: 45-65. (AEP, SS, Dinophyceae, Anat).
1626. LIN, S.-M.; YANG, S.-Y. & HUISMAN, J. M. 2011. Systematics of *Liagora* with diffuse gonimoblasts based on rbcL sequences and carposporophyte development, including the description of the new genera *Neoizziella* and *Macrocarpus* (Liagoraceae, Rhodophyta). *Europ. J. Phycol.* 46: 249-262. (ABM, Ge, Rhodophyceae, SisM, Tax).
1627. LOPEZ, G.; SOUSA, C.; BERNARDO, J.; ANDRADE, P.B.; VALENTÃO, P.; FERRERES, F. & MOUGA, T. 2011. Sterol profiles in 18 macroalgae of the Portuguese coast. *J. Phycol.* 47: 1210-1218. (ABM, DL, Flora, Quim).
1628. MANGHISI, A.; GÓMEZ GARRETA, A. & RIBERA, M. A. 2011. Mapas de distribución de algas marinas de la Península Ibérica y las islas Baleares. XXVI. *Cryptonemia* (Halymeniales, Rhodophyta). *Bot. Complut.* 35: 153-156. (ABM, España, Portugal, Rhodophyceae, Corol).
1629. MANGHISI, A.; GÓMEZ GARRETA, A. & RIBERA, M. A. 2011. Mapas de distribución de algas marinas de la Península Ibérica y las islas Baleares. XXVII. *Halymenia* (Halymeniales, Rhodophyta). *Bot. Complut.* 35: 157-161. (ABM, España, Portugal, Rhodophyceae, Corol).
1630. MONTEIRO, C. M.; FONSECA, S. C.; CASTRO, P M. L. & MALCATA, F. X. 2011. Toxicity of cadmium and zinc on two microalgae, *Scenedesmus obliquus* and *Desmodesmus pleiomorphus*, from Northern Portugal. *J. Appl. Phycol.* 23: 97-103. (AEP, Portugal, Chlorophyceae, Tox).
1631. NOVAIS, M. H.; HLÚBIKOVÁ, D.; MORAIS, M.; HOFFMANN, L. & ECTOR, L. 2011. Morphology and ecology of *Achnanthidium caravelense* (Bacillariophyceae), a new species from Portuguese rivers. *Algol. Stud.* 136-137: 131-150. (AEP, Portugal, Diatomophyceae, Flora, Ecol).
1632. NI-NI-WIN; HANYUDA, T.; DRAISMA, S. G. A.; FURNARI, G.; MEINESZ, A. & KAWAI, H. 2011. *Padina ditristrromatica* sp. nov. and *Padina pavonicooides* sp. nov. (Dictyotales, Phaeophyceae), two new species from the Mediterranean Sea based on morphological and molecular markers. 2011. *Europ. J. Phycol.* 46: 327-341. (ABM, PM, Phaeophyceae, sp. nov., SisM, Tax).
1633. PATO, L. S.; MARTÍNEZ, B. & RICO, J. M. 2011. Environmental control of the annual erect phase of *Nemalion helminthoides* (Rhodophyta) in the field. *Scient. Mar.* 75: 263-271. (ABM, O, Rhodophyceae, Anat, Ecol).
1634. PENA MARTÍN, C.; GÓMEZ GARRETA, A. & CRESPO, M. B. 2011. Mapas de distribución de algas marinas de la Península Ibérica y las islas Baleares. XXVIII. *Dasya* (Ceramiales, Rhodophyta). *Bot. Complut.* 35: 163-173. (ABM, España, Portugal, Rhodophyceae, Corol).
1635. PENA-MARTIN, C.; VERLAQUE, M.; CRESPO, M. B. & GÓMEZ GARRETA, A. 2011. Morphology and taxonomic status of *Dasya rigescens* (Rhodophyta, Dasyaceae). *Crypt. Algol.* 32: 63-76. (ABM, PM, Ge, Rhodophyceae, Anat, Tax).
1636. PEÑA, V.; ADEY, W. H.; RIOSMENA-RODRÍGUEZ, R.; JUNG, M.-Y.; AFONSO-CARRILLO, J.; CHOI, H.-G. & BÁRBARA, I. 2011. *Mesophyllum sphaericum* sp. nov. (Corallinales, Rhodophyta): a new maërl-forming species from the Northeast Atlantic. *J. Phycol.* 47: 911-927. (ABM, Po, Rhodophyceae, sp. nov., Tax).
1637. PÉREZ, M. C.; COMAS, A. & MAIDANA, N. 2011. Estudio taxonómico del fitoplancton del tramo inferior del río Júcar con especial énfasis en las algas verdes coquales (Valencia-España). *Algas, Bol. Soc. Esp. Ficol.* 44: 13-19. (AEP, V, Chlorophyceae, Flora).
1638. RENÉ, A.; SATTA, C. T.; GARCÉ, E.; MASSANA, R.; ZAPATA, M.; ANGLÈS, S. & CAMP, J. 2011. *Gymnodinium littoralis* sp. nov. (Dinophyceae), a newly identified bloom-forming dinoflagellate from the NW Mediterranean Sea. *Harmful Algae* 12: 11-25. (APM, Ge, T, sp. nov., Dinophyceae, Tax).
1639. RIBERA SIGUAN, M. A.; GÓMEZ GARRETA, A.; SALVADOR SOLER, N.; RULL LLUCH, J. & KAPRAUN, D. F. 2011. Nuclear content estimates suggest a synapomorphy between *Dictyota* and six other genera of the Dictyotales (Phaeophyceae). *Crypt. Algol.* 32: 205-219. (ABM, C, Ge, SS, Phaeophyceae, Qim).

1640. RIVERA-GONZÁLEZ, M. C. & SÁNCHEZ-CASTILLO, P. M. 2011. Diatomeas planctónicas del litoral de Andalucía (España). *Acta Bot. Malac.* 36: 5-31. (APM, España, Diatomophyceae, Flora).
1641. RODRIGO, M. A.; ALONSO GUILLÉN, J. L.; CIRUJANO, S. & SOULIÉ-MÄRSCHE, I. 2009. Aproximación a las comunidades de carófitos que existieron en la Albufera de Valencia a partir del estudio de las oosporas del sedimento. *An. J. Bot. Madrid* 66: 195-208. (AEP, V, Charophyceae, Ecol).
1642. ROJO, C. & RODRIGO, M. A. 2010. Plankton ecology and diversity. In: S. SÁNCHEZ-CARRILLO & D.G. ANGELER (Eds), *Ecology of threatened semi-arid wetlands*, 137-173. Springer Verlag. Dordrecht. (AEP, CR, Fitoplanton, Ecol).
1643. ROVIRA, L.; WITKOWSKI, A.; TROBAJO, R.; RUPPEL, M. & CARLES IBÁÑEZ, C. 2011. *Planothidium iberense* sp. nov., a new brackish diatom of the Ebro Estuary, northeast Spain. *Diatom Res.* 26: 99-107. (AEP, T, sp. nov., Diatomophyceae, Flora).
1644. SAMPEDRO, N.; FRAGA, S.; PENNA, A.; CASABIANCA, S.; ZAPATA, M.; FUENTES GRÜNEWALD, C.; RIOBÓ, P. & CAMP, J. 2011. *Barrufeta bravensis* gen. nov. sp. nov. (Dinophyceae): a new bloom-forming species from the Northwest Mediterranean Sea. *J. Phycol.* 47: 375-392. (APM, Ge, Dinophyceae, sp. nov., Tax).
1645. SÁNCHEZ MARÍN, P. & BEIRAS, R. 2011. Adsorption of different types of dissolved organic matter to marine phytoplankton and implications for phytoplankton growth and Pb bioavailability. *J. Plankton Res.* 33: 1396-1409. (APM, Po, Cult, Ecol).
1646. SIBAJA-CORDERO, J. A. & TRONCOSO, J. S. 2011. Upper and lower limits of rocky shore organisms at different spatial scales and wave exposure (Islas Cíes, NW Spain). *Thalassas* 27: 93-102. (ABM, Po, Ecol).
1647. TROBAJO, R.; ROVIRA, L.; MANN, D. G. & COX, E. J. 2011. Effects of salinity on growth and on valve morphology of five estuarine diatoms. *Phycol. Res.* 59: 83-90. (AEP, Diatomophyceae, T, Anat, Ecol).
1648. VARELA-ÁLVAREZ, E.; GLENN, T. C.; SERRÃO, E. A.; DUARTE, C. M.; MARTÍNEZ-DARANAS, B.; VALERO, M. & MARBÁ, N. 2011. Dinucleotide microsatellite markers in the genus *Caulerpa*. *J. Appl. Phycol.* 23: 715-719 (ABM, PM, Chlorophyceae, SisM).
1649. VIEJO, R. M. 2009. Resilience in intertidal rocky shore assemblages across the stress gradient created by emersion times. *Mar. Ecol. Progr. Ser.* 390: 55-65 (ABM, O, Ecol, Phaeophyceae).
1650. ZAPATA, M.; RODRÍGUEZ, F.; FRAGA, S.; BARRA, L. & RUGGIERO, M. V. 2011. Chlorophyll c pigment patterns in 18 species (51 strains) of the genus *Pseudo-nitzschia* (Bacillariophyceae). *J. Phycol.* 47: 1274-1280. (APM, Po, Diatomophyceae, Quim).
1651. ZARDI, G. I.; NICASTRO K. R.; CANOVAS, F.; COSTA J. F.; SERRAO, E. A. & PEARSON, G. A. 2011. Adaptive traits are maintained on steep selective gradients despite gene flow and hybridization in the intertidal zone. *PLoS ONE* 6(6): e19402. (ABM, Mi, Phaeophyceae, Ecol).