

Undaria pinnatifida (Harvey) Suringar, 1873

AphialD: 145721

WAKAME

Biota (Superdominio) > Chromista (Reino) > Harosa (Subreino) > Heterokonta (Infrareino) > Ochrophyta (Filo) > Phaeophyceae (Classe) > Fucophycidae (Subclasse) > Laminariales (Ordem) > Alariaceae (Família) > Undaria (Genero)



Lísia Lopes - Universidade de Aveiro / Jan. 01 1970 



Nuyttens, Filip via WoRMS 

Habitat e ecologia

Espécie com características invasoras.

Sinónimos

- Alaria amplexicaulis* Martens, 1866
- Alaria pinnatifida* Harvey, 1860
- Ulopteryx pinnatifida* (Harvey) Kjellman, 1885
- Undaria pinnatifida f. distans* (Miyabe & Okamura) Yendo
- Undaria pinnatifida f. narutensis* Yendo
- Undaria pinnatifida f. subflabellata* Suringar
- Undaria pinnatifida f. typica* Yendo
- Undaria pinnatifida var. distans* Miyabe & Okamura
- Undaria pinnatifida var. elongata* Suringar, 1872
- Undaria pinnatifida var. vulgaris* Suringar, 1872

Referências

additional source Guiry, M.D. & Guiry, G.M. (2018). AlgaeBase. World-wide electronic publication, National University of Ireland, Galway. , available online at <http://www.algaebase.org> [details]

basis of record Guiry, M.D. (2001). Macroalgae of Rhodophycota, Phaeophycota, Chlorophycota, and two genera of Xanthophycota, in: Costello, M.J. et al. (Ed.) (2001). European register of marine species: a check-list of the marine species in Europe and a bibliography of guides to their identification. Collection Patrimoines Naturels, 50: pp. 20-38 [\[details\]](#)

additional source Muller, Y. (2004). Faune et flore du littoral du Nord, du Pas-de-Calais et de la Belgique: inventaire. [Coastal fauna and flora of the Nord, Pas-de-Calais and Belgium: inventory]. Commission Régionale de Biologie Région Nord Pas-de-Calais: France. 307 pp., available online at <http://www.vliz.be/imisdocs/publications/145561.pdf> [details]

additional source Streftaris, N.; Zenetos, A.; Papathanassiou, E. (2005). Globalisation in marine ecosystems: the story of non-indigenous marine species across European seas. Oceanogr. Mar. Biol. Ann. Rev. 43: 419-453. [\[details\]](#)

additional source Zenetos, A., M.E. Çinar, M.A. Pancucci-Papadopoulou, J.G. Harmelin, G. Furnari, F. Andaloro, N. Bellou, N. Streftaris & H. Zibrowius. (2005). Annotated list of marine alien species in the Mediterranean with records of the worst invasive species. Mediterranean Marine Science 6(2):63-118. [\[details\]](#)

additional source Eno, N. C.; Clark, R. A.; Sanderson, W. G. (1997). Non-native marine species in British waters: a review and directory. Joint Nature Conservation Committee, Peterborough. pp. 136. [\[details\]](#)

additional source Verlaque, M.; Ruitton, S.; Mineur, F.; Boudouresque, C.F. (2007). CIESM Atlas of Exotic Macrophytes in the Mediterranean Sea. Rapp. Comm. int. Mer Médit. 38., available online at <http://www.ciesm.org/atlas/appendix4.html#top> [details]

additional source Occhipinti-Ambrogi, A.; Marchini, A.; Cantone, G.; Castelli, A.; Chimenz, C.; Cormaci, M.; Froglio, C.; Furnari, G.; Gambi, M. C.; Giaccone, G.; Giangrande, A.; Gravili, C.; Mastrototaro, F.; Mazziotti, C.; Orsi-Relini, L.; Piraino, S. (2010). Alien species along the Italian coasts: an overview. Biological Invasions. 13(1): 215-237., available online at <https://doi.org/10.1007/s10530-010-9803-y> [details]

additional source Zenetos, A.; Gofas, S.; Verlaque, M.; Cinar, M.; Garcia Raso, J.; Bianchi, C.; Morri, C.; Azzurro, E.; Bilecenoglu, M.; Froglio, C.; Siokou, I.; Violanti, D.; Sfriso, A.; San Martin, G.; Giangrande, A.; Katagan, T.; Ballesteros, E.; Ramos-Espala, A.; Mastrototaro, F.; Ocana, O.; Zingone, A.; Gambi, M.; Streftaris, N. (2010). Alien species in the Mediterranean Sea by 2010. A contribution to the application of European Union's Marine Strategy Framework Directive (MSFD). Part I. Spatial distribution. Mediterranean Marine Science. 11(2): 381-493., available online at <https://doi.org/10.12681/mms.87> [details]

additional source Lutaenko, K.A.; Furota, T.; Nakayama; S.; Shin, K.; Xu, J. (2013). Atlas of Marine Invasive Species in the NOWPAP Region. Beijing: NOWPAP DINRAC (Northwest Pacific Action Plan, Data

and Information Network Regional Center). 189 pp. [\[details\]](#)

additional source Liu J.Y. [Ruiyu] (ed.). (2008). Checklist of marine biota of China seas. China Science Press. 1267 pp. [\[details\]](#)

additional source Broady, P.A.; Flint, E.A.; Nelson, W.A.; Cassie Cooper, V.; De Winton, M.D.; Novis, P.M. (2012). Phylum Chlorophyta and Charophyta: green algae, in: Gordon, D.P. (Ed.) (2012). New Zealand inventory of biodiversity: 3. Kingdoms Bacteria, Protozoa, Chromista, Plantae, Fungi. pp. 347-381. [\[details\]](#)

status source Lin, Y.; Gao, Z.; Zhan, A. (2015). Introduction and use of non-native species for aquaculture in China: status, risks and management solutions. *Reviews in Aquaculture*. 7(1): 28-58., available online at <https://doi.org/10.1111/raq.12052> [\[details\]](#)

additional source Marchini, A.; Ferrario, J.; Sfriso, A.; Occhipinti-Ambrogi, A. (2015). Current status and trends of biological invasions in the Lagoon of Venice, a hotspot of marine NIS introductions in the Mediterranean Sea. *Biological Invasions*. , available online at <https://doi.org/10.1007/s10530-015-0922-3> [\[details\]](#)

context source (Introduced species) Katsanevakis, S.; Bogucarskis, K.; Gatto, F.; Vandekerkhove, J.; Deriu, I.; Cardoso A.S. (2012). Building the European Alien Species Information Network (EASIN): a novel approach for the exploration of distributed alien species data. *BioInvasions Records*. 1: 235-245., available online at <http://easin.jrc.ec.europa.eu> [\[details\]](#)

context source (Schelde) (2010). Bedreiging voor biodiversiteit. Indicatoren voor het Schelde-estuarium. Opgemaakt in opdracht van Afdeling Maritieme Toegang, projectgroep EcoWaMorSe, Vlaams Nederlandse Scheldecommissie. VLIZ Information Sheets, 200. Vlaams Instituut voor de Zee (VLIZ): Oostende. 7 pp. [\[details\]](#)

additional source Guiry, M.D. & Guiry, G.M. (2020). AlgaeBase. World-wide electronic publication, National University of Ireland, Galway. , available online at <http://www.algaebase.org> [\[details\]](#)

additional source Streftaris, N.; Zenetos, A.; Papathanassiou, E. (2005). Globalisation in marine ecosystems: the story of non-indigenous marine species across European seas. *Oceanogry and Marine Biology: an Annual Review*. 43: 419-453. [\[details\]](#)

additional source Zenetos, A.; Çinar, M.E.; Pancucci-Papadopoulou, M.A.; Harmelin, J.-G.; Furnari, G.; Andaloro, F.; Bellou, N.; Streftaris, N.; Zibrowius, H. (2005). Annotated list of marine alien species in the Mediterranean with records of the worst invasive species. *Mediterranean Marine Science*. 6 (2): 63-118., available online at https://www.researchgate.net/publication/273213810_Annotated_list_of_marine_alien_species_in_the_Mediterranean_with_records_of_the_worst_invasive_species [\[details\]](#)

additional source Liu, J.Y. [Ruiyu] (ed.). (2008). Checklist of marine biota of China seas. China Science Press. 1267 pp. [\[details\]](#)

additional source Zenetos, A.; Gofas, S.; Verlaque, M.; Cinar, M.; Garcia Raso, J.; Bianchi, C.; Morri, C.; Azzurro, E.; Bilecenoglu, M.; Froglia, C.; Siokou, I.; Violanti, D.; Sfriso, A.; San Martin, G.; Giangrande,

A.; Katagan, T.; Ballesteros, E.; Ramos-Espla, A.; Mastrototaro, F.; Ocana, O.; Zingone, A.; Gambi, M.; Streftaris, N. (2010). Alien species in the Mediterranean Sea by 2010. A contribution to the application of European Union's Marine Strategy Framework Directive (MSFD). Part I. Spatial distribution. Mediterranean Marine Science. 11(2): 381-493., available online at <https://doi.org/10.12681/mms.87> [details]

additional source Verlaque, M.; Ruitton, S.; Mineur, F.; Boudouresque, C.-F. (2007). CIESM Atlas of Exotic Macrophytes in the Mediterranean Sea. Rapport de la Commission de l'Exploration de la mer Méditerranée, Monaco. 38., available online at <http://www.ciesm.org/atlas/appendix4.html#top> [details]

additional source Mollo, E.; Cimino, G.; Ghiselin, M. T. (2014). Alien biomolecules: a new challenge for natural product chemists. Biological Invasions. 17(3): 941-950., available online at <https://doi.org/10.1007/s10530-014-0835-6> [details]

additional source Occhipinti-Ambrogi, A., A. Marchini, G. Cantone, A. Castelli, C. Chimenz, M. Cormaci, C. Froglio, G. Furnari, M.C. Gambi, G. Giaccone, A. Giangrande, C. Gravil, F. Mastrototaro, C. Mazziotti, L. Orsi-Relini & S. Piraino. (2010). Alien species along the Italian coasts: an overview. Biological Invasions. 13(1): 215-237., available online at <https://doi.org/10.1007/s10530-010-9803-y> [details]

additional source Marchini, A., J. Ferrario, A. Sfriso & A. Occhipinti-Ambrogi. (2015). Current status and trends of biological invasions in the Lagoon of Venice, a hotspot of marine NIS introductions in the Mediterranean Sea. Biological Invasions. 17:2943-2962., available online at <https://doi.org/10.1007/s10530-015-0922-3> [details]

Última atualização: 04 Nov. 2020