Serpula vermicularis Linnaeus, 1767

AphiaID: 131051

SÉRPULA

Biota (Superdominio) > Animalia (Reino) > Annelida (Filo) > Polychaeta (Classe) > Sedentaria (Subclasse) > Canalipalpata (Infraclasse) > Sabellida (Ordem) > Serpulidae (Familia) > Serpulinae (Subfamilia) > Serpulini (Tribo) > Serpula (Genero)

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Descrição

Poliqueta que constrói tubos calcários, branco-rosados e cilíndricos que podem atingir entre 5 a 7 cm de comprimento com aproximadamente 200 segmentos e 4 mm de diâmetro. Possui uma coroa de filamentos, os radíolos, cuja cor pode variar entre o amarelo pálido e o vermelho tijolo. Estas estruturas intervêm nas trocas gasosas e na captura de partículas.

O opérculo é calcário e em forma de funil com ranhuras radiais (de tons vermelhos e brancos) e uma circunferência serrilhada.

Distribuição geográfica

Atlântico nordeste e Mediterrâneo.

Habitat e ecologia

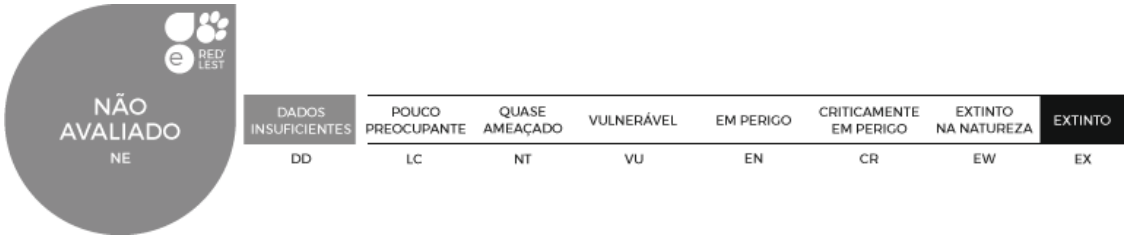
Fixa-se a substratos duros como conchas, pedras, corais, rochas e cascos de navios, a profundidades que podem ir até aos 250 m.

Normalmente ocorrem na forma solitária, mas em alguns (poucos) casos, podem formar recifes.

Características identificativas

- Cabeça com dois lóbulos, cada um com 30-40 radíolos unidos na base;
- Os radíolos, coroa de filamentos, projetam-se do tubo quando se alimenta;
- Opérculo em forma de funil, com cerca de 4 mm de diâmetro e raios vermelhos e brancos.
- A coroa é vermelha, branca, laranja ou amarela e pode ser de cor sólida ou em faixas.

Estatuto de Conservação



Sinónimos

Vermilia vermicularis Fleming, 1825

Informação Adicional

Pesquise mais sobre ***Serpula vermicularis*** > ~ Marine Species Identification Portal ~Biorede

Referências

Hill, J.M. 2006. Serpula vermicularis A tubeworm. In Tyler-Walters H. and Hiscock K. (eds) Marine Life Information Network: Biology and Sensitivity Key Information Reviews, [on-line]. Plymouth: Marine Biological Association of the United Kingdom. Available from:

https://www.marlin.ac.uk/species/detail/1546

original description Linnaeus, C. (1758). Systema Naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio decima, reformata. Laurentius Salvius: Holmiae. ii, 824 pp., available online at https://doi.org/10.5962/bhl.title.542 [details]

additional source Integrated Taxonomic Information System (ITIS). , available online at http://www.itis.gov [details]

additional source Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta [Annelida, bristleworms, Polychaeta]. 2nd revised ed. The fauna of Germany and adjacent seas with their characteristics and ecology, 58. Gustav Fischer: Jena, Germany. ISBN 3-437-35038-2. 648 pp. [details]

basis of record Bellan, Gerard. (2001). Polychaeta, 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. 214-231. [details]

additional source Brunel, P.; Bosse, L.; Lamarche, G. (1998). Catalogue of the marine invertebrates of the estuary and Gulf of St. Lawrence. Canadian Special Publication of Fisheries and Aquatic Sciences, 126. 405 p. [details]

additional source Day, J. H. (1967). [Sedentaria] A monograph on the Polychaeta of Southern Africa. Part 2. Sedentaria. British Museum (Natural History), London. pp. 459–842., available online at http://www.biodiversitylibrary.org/bibliography/8596 [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 Chamberlin, R.V. (1920). The polychaetes collected by the Canadian Arctic Expedition, 1913-18. Report of the Canadian Arctic Expedition 1913-18. 9B: 1-41, plates 1-6., available online at http://www.biodiversitylibrary.org/item/115940#page/1/mode/1up [details]

additional source Fauvel, P. (1927). Polychètes sédentaires. Addenda aux errantes, Arachiannélides, Myzostomaires. Faune de France Volume 16. Paul Lechevalier. Paris. 1-494., available online at http://www.faunedefrance.org/bibliotheque/docs/P.FAUVEL(FdeFr16)Polychetes-sendentaires.pdf [details]

additional source Hartman, O. (1942). A review of the types of polychaetous annelids at the Peabody Museum of Natural History, Yale University. Bulletin of the Bingham Oceanographic Collection, Yale University. 8(1): 1-98. [details]

additional source Hartman, Olga. (1959). Catalogue of the Polychaetous Annelids of the World. Parts 1 and 2. Allan Hancock Foundation Occasional Paper. 23: 1-628. [details]

redescription Jirkov, I.A. (2001). [Polychaeta of the Arctic Ocean] (In Russian) Polikhety severnogo Ledovitogo Okeana. Yanus-K Press, Moscow, 632 pp., available online at

https://www.researchgate.net/publication/259865957_Jirkov_2001_Polychaeta_of_the_North_Polar_Basin [details]

additional source Di Geronimo, I.; Costa, B.; Perna, R. L.; Randazzo, G.; Rosso, A.; Sanfilippo, R.;. (1994). The Pleistocene “Case Catarinicchia” section (Belice, SW Sicily). Boll. Soc. Paleontol. Ital., spec.vol. 2: 93-113. [details]

context source (Deepsea) Budaeva N.E., Jirkov I.A., Savilova T.A., Paterson G.L.J. (2014). Deep-sea fauna of European seas: An annotated species check-list of benthic invertebrates living deeper than 2000 m in the seas bordering Europe. Polychaeta. Invertebrate Zoology. Vol.11. No.1: 217–230 [in English]. [details]

additional source Chamberlin, Ralph V. (1920). The polychaetes collected by the Canadian Arctic Expedition, 1913-18. Report of the Canadian Arctic Expedition 1913-18. 9B: 1-41, plates 1-6., available online at https://biodiversitylibrary.org/page/37673125 [details]

basis of record Bellan, G. (2001). Polychaeta, 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: 214-231. [details]

taxonomy source Kupriyanova, Elena K. (1999). The taxonomic status of Serpula cf. columbiana Johnson, 1901 from the American and Asian coasts of the North Pacific Ocean (Polychaeta: Serpulidae). Ophelia. 50(1): 21-34., available online at https://doi.org/10.1080/00785326.1999.10409386 [details]

original description Linnaeus, C. (1758). Systema Naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio decima, reformata [10th revised edition], vol. 1: 824 pp. Laurentius Salvius: Holmiae. , available online at https://doi.org/10.5962/bhl.title.542 [details]

original description Linnaeus, C. (1767). Systema naturae per regna tria naturae: secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Ed. 12. 1., Regnum Animale. 1 & 2. Holmiae [Stockholm], Laurentii Salvii. pp. 1-532 [1766] pp. 533-1327 [1767]., available online at http://www.biodiversitylibrary.org/item/83650#5 [details]

additional source Brunel, P., L. Bosse & G. Lamarche. (1998). Catalogue of the marine invertebrates of the estuary and Gulf of St. Lawrence. Canadian Special Publication of Fisheries and Aquatic Sciences, 126. 405 pp. [details]

additional source McIntosh, William C. [as M’Intosh]. (1885). Report on the Annelida Polychaeta collected by H.M.S. Challenger during the years 1873-1876. Report on the Scientific Results of the Voyage of H.M.S. Challenger during the years 1873–76. Zoology. 12 (part 34): i-xxxvi, 1-554, pl. 1-55, 1A-39A, & Annelida stations map., available online at https://biodiversitylibrary.org/page/50688426 [details]

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