

Bugula neritina

SYSTEM

Marine

COMMON NAMES

English: bryozoan, common bugula, brown bryozoan

DESCRIPTION

Bugula neritina forms flexible bushy colonies, branching biserial, to about 10cm high and is purplish-brown in colour. Zooids white and globular, with the outer corner pointed (Bishop Museum 2002, in Gordon and Mawatari, 1992). Zooids are large and measure an average of 0.97 X 0.28mm. *B. neritina* differs from other species in this genus in that it possesses no avicularia and no spines. The lophophore measures an average of 0.764mm in diameter and bears 23 tentacles (SMSFP 2001). Embryos brooded in ovicells are dark brown in colour and measure approximately 0.25mm in diameter (SMSFP 2001 in Winston 1982).

KNOWN INTRODUCED RANGE

ASEAN: Philippines

WORLD: Argentina, Australia, Bermuda, Chile, Ecuador, France, India, Italy, Korea Democratic People's Republic of, Libyan Arab Jamahiriya, Mexico, New Zealand, Spain, United Kingdom, Atlantic-Western Central, Belgium, Brazil, China, Egypt, Germany, Israel, Japan, Korea Republic of, Mediterranean and Black Sea, Netherlands, Panama, Puerto Rico, Turkey, United States

PATHWAY

Transport – Ship/boat ballast water; Ship/boat hull fouling

REASON FOR INTRODUCTION

Bugula neritina attaches to oyster shells and be transferred along with oyster shippings (Cohen 2005). *Bugula neritina* can be transported via tiny colonies attached to the sides of ballast tanks or on floating material inside the ballast tanks (Cohen 2005). Ship/boat hull fouling is a common means of movement of *Bugula neritina* colonies and a likely source of ongoing introductions.

IMPACTS

Bryozoans are one of the main organisms to encrust and foul ships, piers, buoys and other man-made marine surfaces and structures (VMNH 2005).

Source: Global Invasive Species Database (GISD) 2015. Species profile *Bugula neritina*. Available from: <http://www.iucngisd.org/gisd/species.php?sc=1080> [Accessed 09 September 2019]

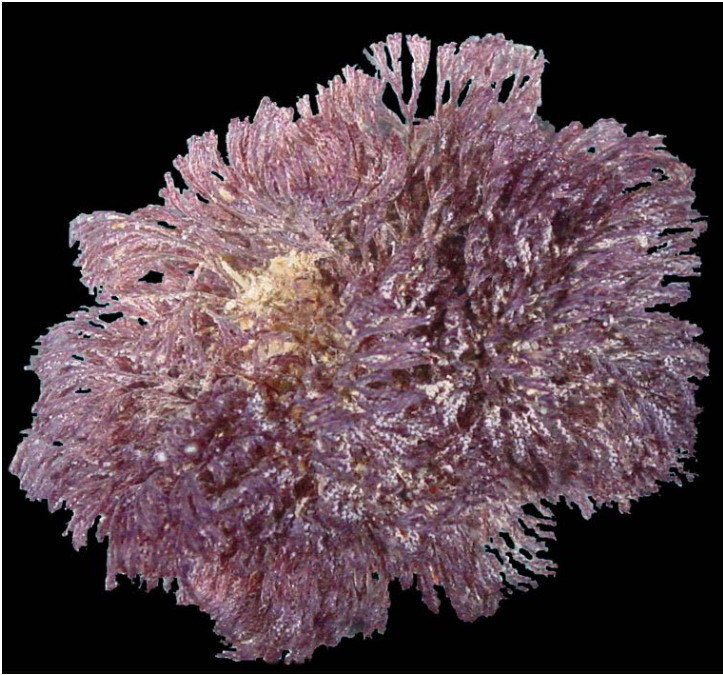


Photo by California Academy of Sciences accessed at http://www.exoticguide.org/sites/default/files/species_images/b_neritina_lg_a.jpg on 11 September 2019

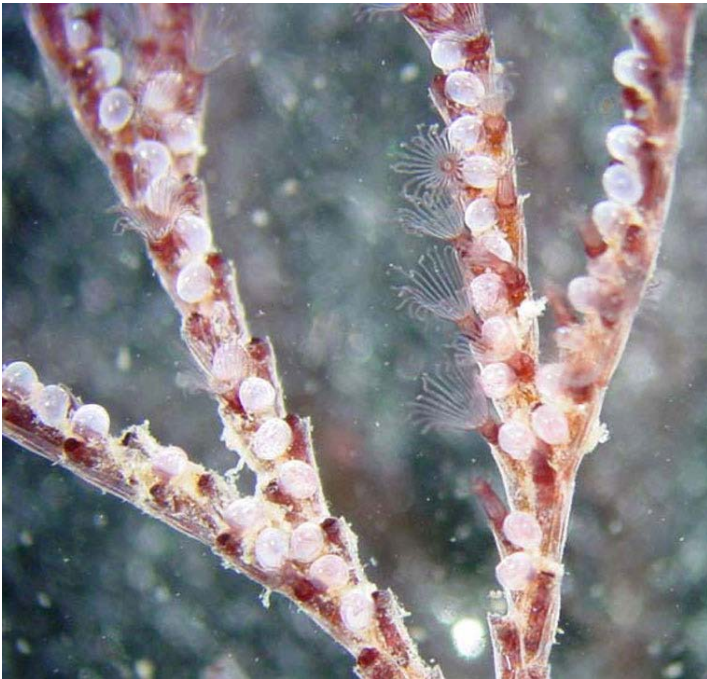


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