

Reticulated Barnacle

Amphibalanus reticulatus

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Pathway

• Hull fouling

• Ballast water

Impacts



Biodiversity

May outcompete *A. amphitrite*, however this has not been studied.



Human Health

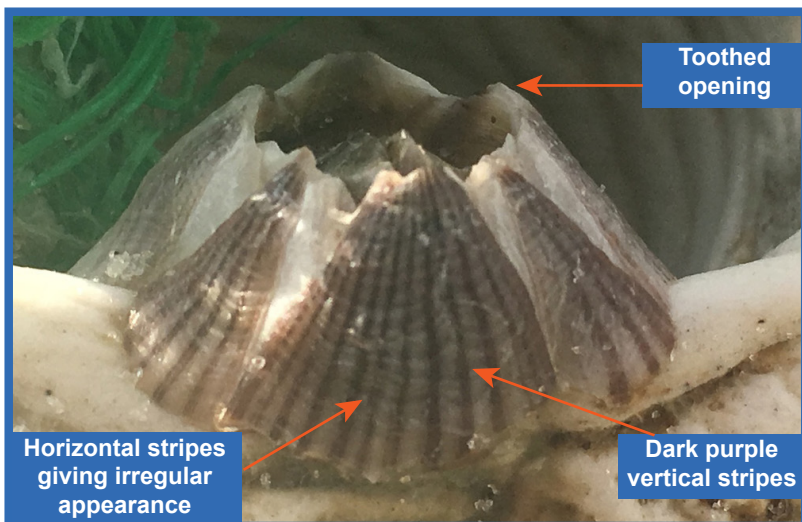
None known.



Economy

Fouls ship hulls and marine structures which could increase operation costs and reduce efficiency.

Key ID Features



Description

A roughly conical shell with a toothed opening. The width of the opening is usually more than half of its height. The plates on its shell have a smooth surface and are narrower nearer the opening than the base. There are wide vertical spaces between the plates which, along with the coloured stripes described above, give it a net-like appearance.

Size

Average of 1.8 cm in diameter.

Colour

Primarily dull white in colour with dark purple stripes moving upwards from its base to its mouth. Stripes are also crossed with white and red horizontal lines making the lines look irregular or dotted.

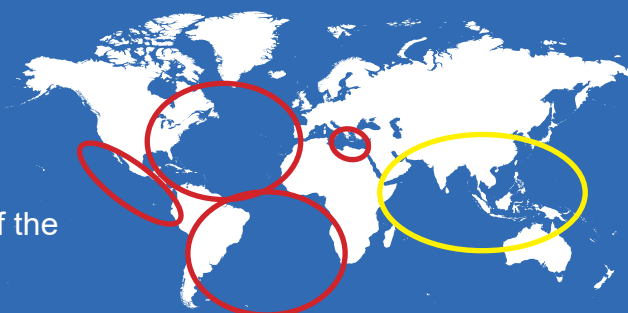
*Note: Images not to scale



Distribution

 **Native range:** Indo-Pacific region.

 **Non-native range:** Eastern Pacific, both sides of the Atlantic and the eastern Mediterranean.



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Habitat and Ecology

Habitat: Hard subtidal substrates (natural and man-made) and other plants and animals.

Environmental preferences: Tropical / subtropical habitats with salinity of 30 - 40 PSU, although it has been found in salinities as low as 10 PSU.

Diet: Filter feeder.

Reproduction: Hermaphroditic and capable of cross-fertilisation.

Confusion with similar species

This barnacle can easily be confused with other members of the genus *Amphibalanus*: *A. amphitrite* (see below), *A. eburneus*, *A. subalbidus*, and others.



If you think you have seen this species, please contact the person below who will confirm its identity.

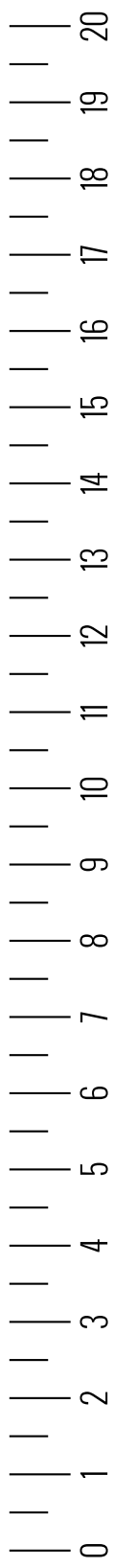
Please also refer to the mitigation strategies guidance document, provided as part of the Marine Biosecurity Toolkit.

Further Information

- <https://invasions.si.edu/nemesis/browseDB/SpeciesSummary.jsp?TSN=89635>
- <https://www.sealifebase.ca/summary/Amphibalanus-reticulatus.html>

Images

Front: Top © Bradley Smith / Bottom © Susan Hewitt
Reverse: © John Bishop



cm