

Chthamalus proteus Caribbean barnacle

Phylum: Arthropoda
Class: Maxillopoda
Order: Sessilia
Family: Chthamalus

Synonymised Taxa

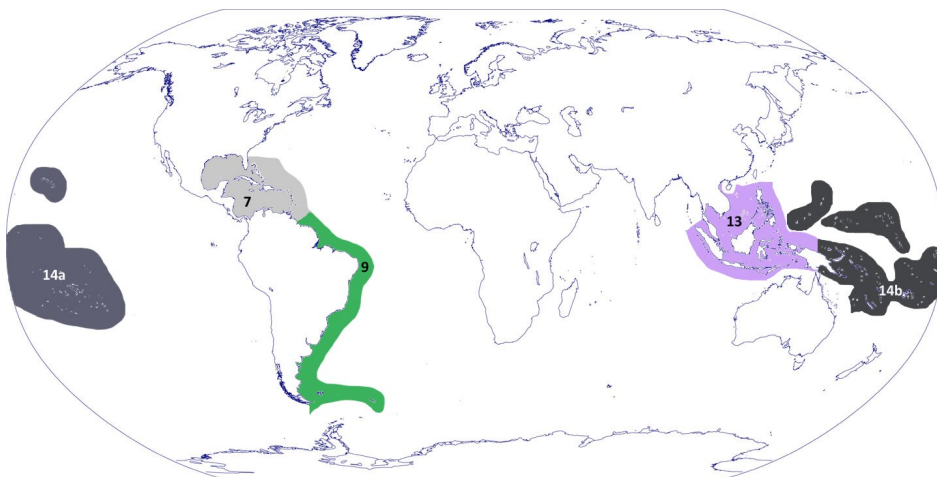
None

Larval Period

Larval period is 10 days when water temperature is 28°C.

Distribution (Bioregions)

Native: 9, 7 **Introduced:** 13, 14



Habitat

This species is found in sheltered, murky waters of bays and harbours. Can be found in semi-exposed sites. Attaches to hard (natural or artificial) substrates in the high intertidal to zero tidal zone. On vessel hulls it is observed occupying the area above the water line.

Temperature Tolerance

16 to 38°C

Salinity Range

22 to 36 ppt. Able to tolerate short periods of freshwater.

Size

Up to 10 mm

Lists

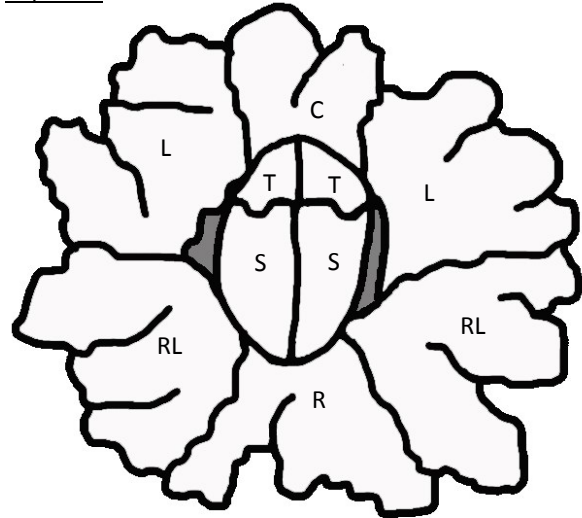
- WA species of concern
- BHP Billiton—Outer Harbour Development

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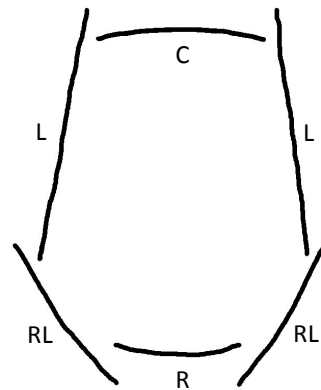
Key Features

- Sessile barnacle with a tan to white conical shell;
- The texture may be smooth or ribbed;
- External appearance varies (depending on age, density and environmental conditions) making it difficult to identify in the field;
- It has 6 plates;
- The aperture is oval, diamond or rhombus shaped.

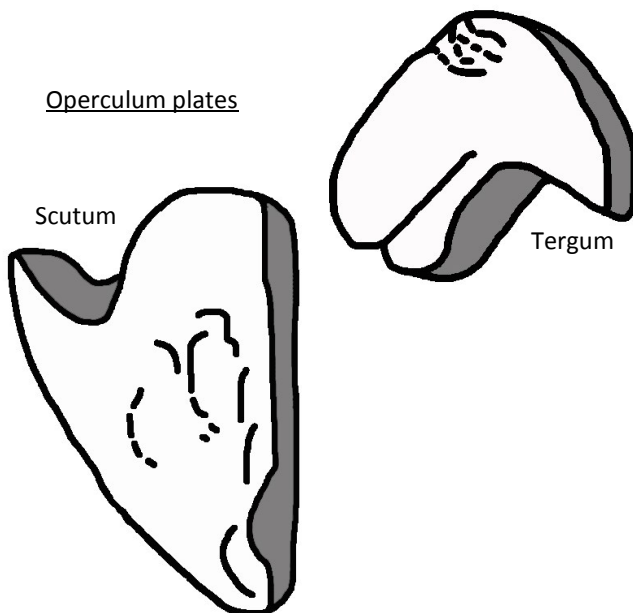
Top view



Basic arrangement



Operculum plates



Key

- C—carina (plate)
- L—lateral (plate)
- R—rostrum (plate)
- RL—rostrolateral (plate)
- S—scutum (moveable operculum plate)
- T—tergum (moveable operculum plate)