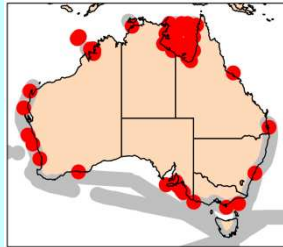


Dioithona rigida

(Giesbrecht, 1896)



Phylum Arthropoda
Order Cyclopoida
Family Oithonidae

Synonyms

Oithona rigida Giesbrecht, 1896

Size

Female: 0.78-0.83 mm

Genus notes

- Prosome short, oval to fusiform, 5-segmented
- Anterior cephalosome rounded or with 1 rostrum
- A1 slender, 2 geniculations in males
- Greatest width generally at posterior margin of cephalosome
- Posterior prosome margin rounded
- P5 represented by 2 lateral processes on pedigerous segment 5, free exopod segment of P5 with 2 setae
- P6 reduced to lateral process on genital somite
- Urosome slender, 5-segmented in females, 6-segmented in males, genital somite longest, anterior section more or less swollen laterally
- Caudal rami with 1 dorsal, 4 apical and 1 outer marginal setae

Female

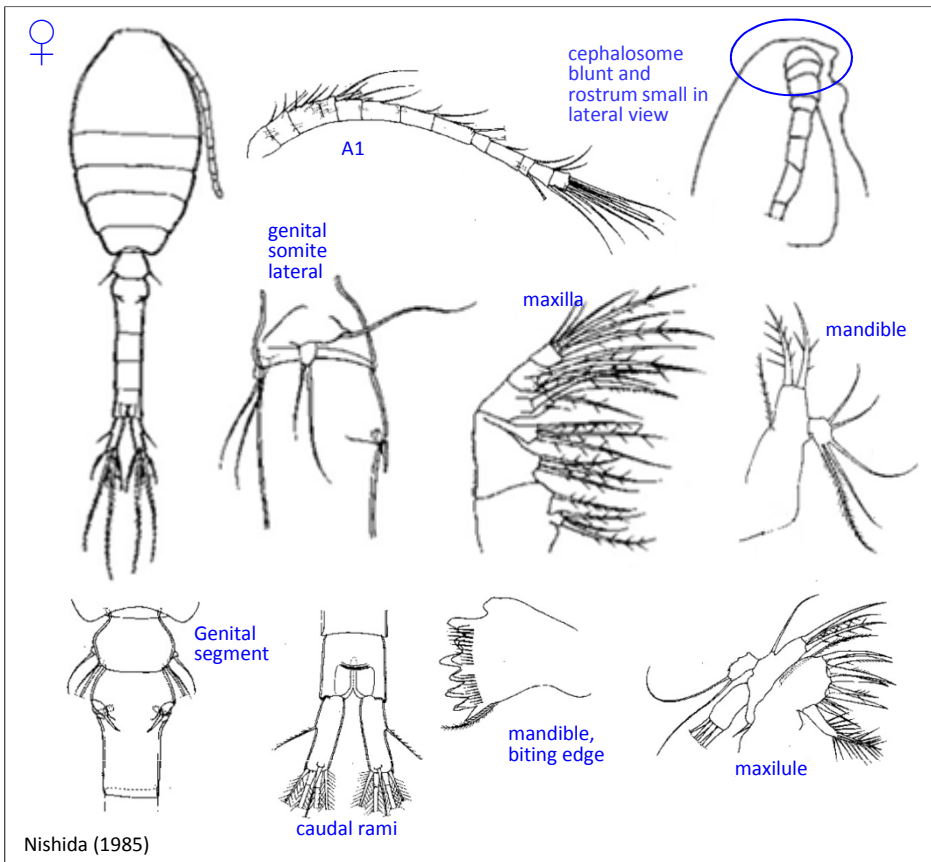
- Very robust with blunt, rounded cephalosome
- Body rigid, with thick cuticle
- Prosome stumpy, short oval in dorsal view, greatest width at posterior end of cephalosome
- Cephalosome broadly truncate in dorsal view, laterally bent ventrally into blunt rostrum, nearly pointed anteroventrally
- A1 0.8 times prosome length
- Pr length 1.7 times width
- Pr:Ur 1.2
- Anterior third of genital somite swollen laterally, smooth round swelling in dorsal view

Distribution

- Tropical
- Coastal, estuarine
- Indian Ocean, equatorial Pacific

Ecology

- Can produce over 400 eggs per female
- Experiences maximum hatching rates at temperatures ~ 26 °C
- Used as feed in hatcheries



preserved specimen



CSIRO AusCPR

Dioithona rigida

(Giesbrecht, 1896)

Phylum	Arthropoda
Order	Cyclopoida
Family	Oithonidae

Male

- To be completed

Source

Mckinnon pers. comm.
Nishida (1985)
Razouls et al. (2012)
Santhanam & Perumal (2012)

(Full reference available at
<http://www.imas.utas.edu.au/zooplankton/references>)