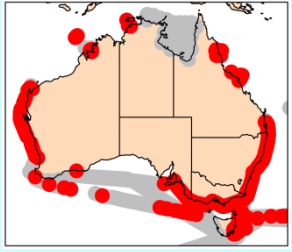
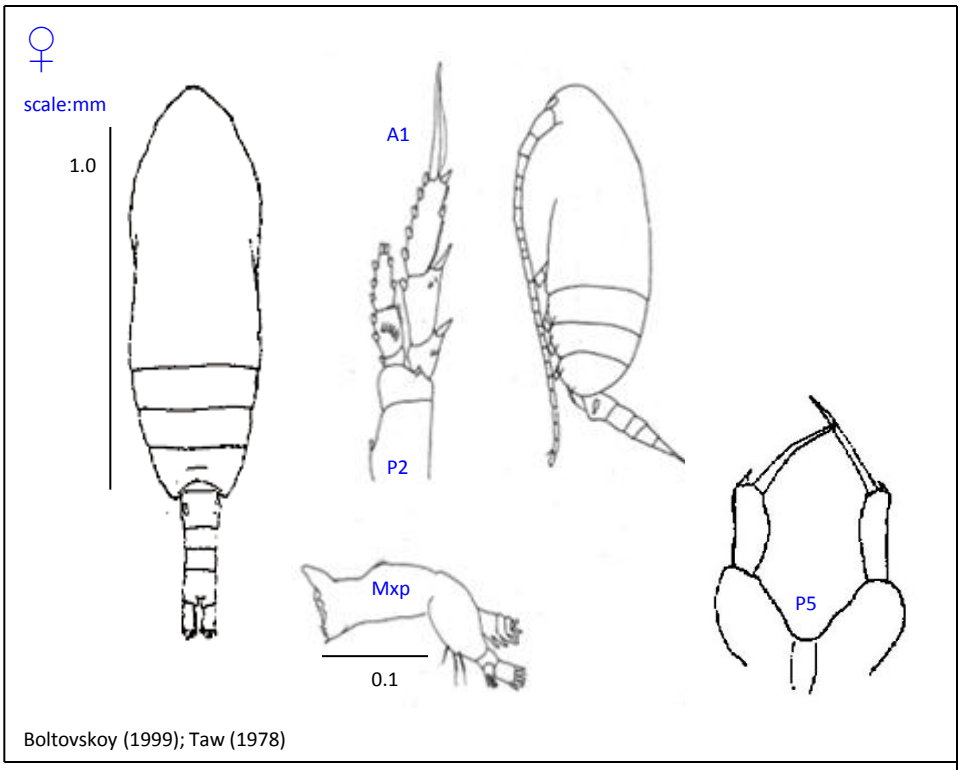
IMOS Integrated Marine Observing System

Paracalanus indicus

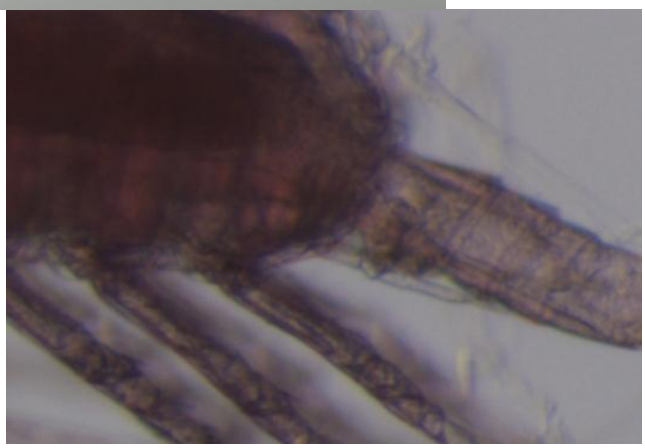
Wolfenden, 1905



Phylum	Arthropoda
Order	Calanoida
Family	Paracalanidae



Boltovskoy (1999); Taw (1978)



Synonyms
none

Size
Female: 0.85-0.95 mm

Genus notes
- Small oval copepods
- Cephalosome fused with first pedigerous somite
- A1 extends beyond prosome
- Rostrum composed of 2 fine filaments
- Posterior prosome segments rounded
- Exopodites of P3 and P4 with serrated outside margin
- P4 exopod segment 3 with a spine which is closer to the end of the segment than the start
- Small P5, which is slender, short, uniramous, symmetrical and 2-segmented
- Genital somite and caudal rami symmetrical

Female
- Urosome 4-segmented
- Short genital somite
- P5 distal segment cylindrical , terminal spine longer than its joint, outer distal spine short, about ¼ length of terminal segment
- Genital somite widest anteriorly in dorsal view
- Caudal rami 2x as long as wide with short inner seta
- A1 extends just beyond the anal somite, all segments separate

Distribution
- Epipelagic
- Coastal
- Widespread in tropical and subtropical waters of the Atlantic, Pacific and Indian Oceans, also found in subantarctic waters
- Common in coastal waters around Australia including Tasmania

Ecology
- Suspension feeders
- Common prey for planktivorous fish in shallow estuaries
- Not tolerant of high particulate loads found in shallow estuaries
- One of several neritic species that are commonly parasitized by protists

Compiled: C. H. Davies & A. S. Slotwinski 2012
Verified:

CSIRO

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Wolfenden, 1905

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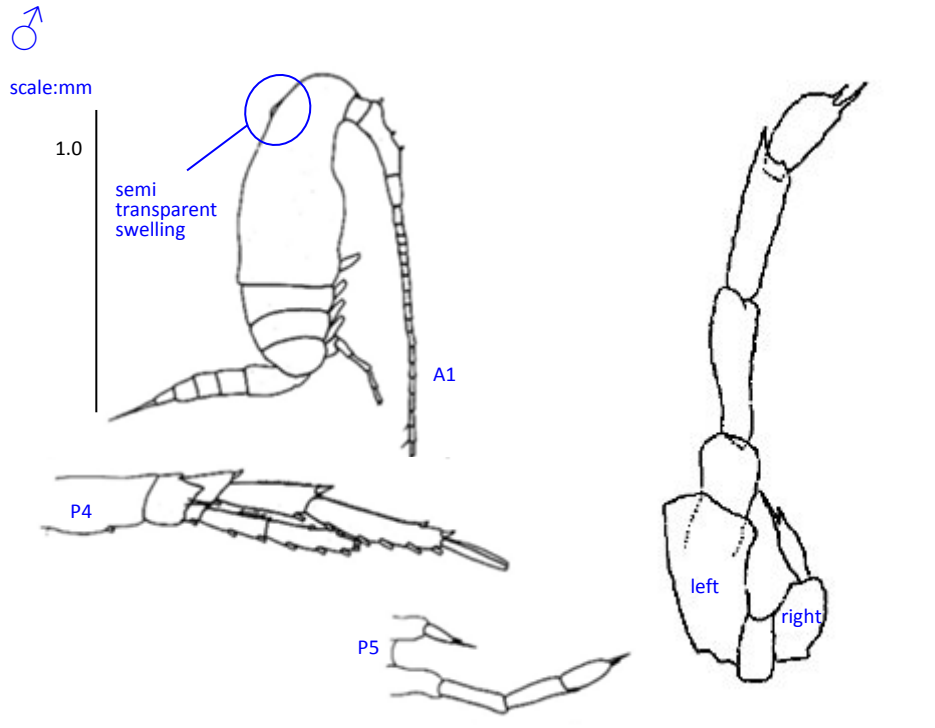

Boltovskoy (1999); Taw (1978)

Size
Male: 0.85-1.02 mm

Male
- A1 extends to about the distal border of urosome somite 2
- P5 uniramous, asymmetrical, with 5 segments on left and 2 on right. P5 extends beyond posterior border of urosome somite 3, right leg extends beyond distal border of left leg segment 2
- Anal somite longer than urosome somite 4
- Caudal rami 2x as long as wide

Source
Boltovskoy (1999)
Bradford-Grieve (1994)
Conway *et al*. (2003)
Kimmerer and McKinnon (1990)
Taw (1978)

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

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