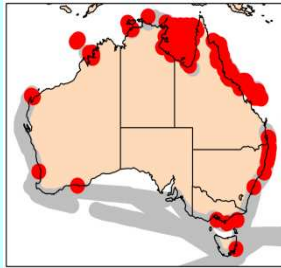
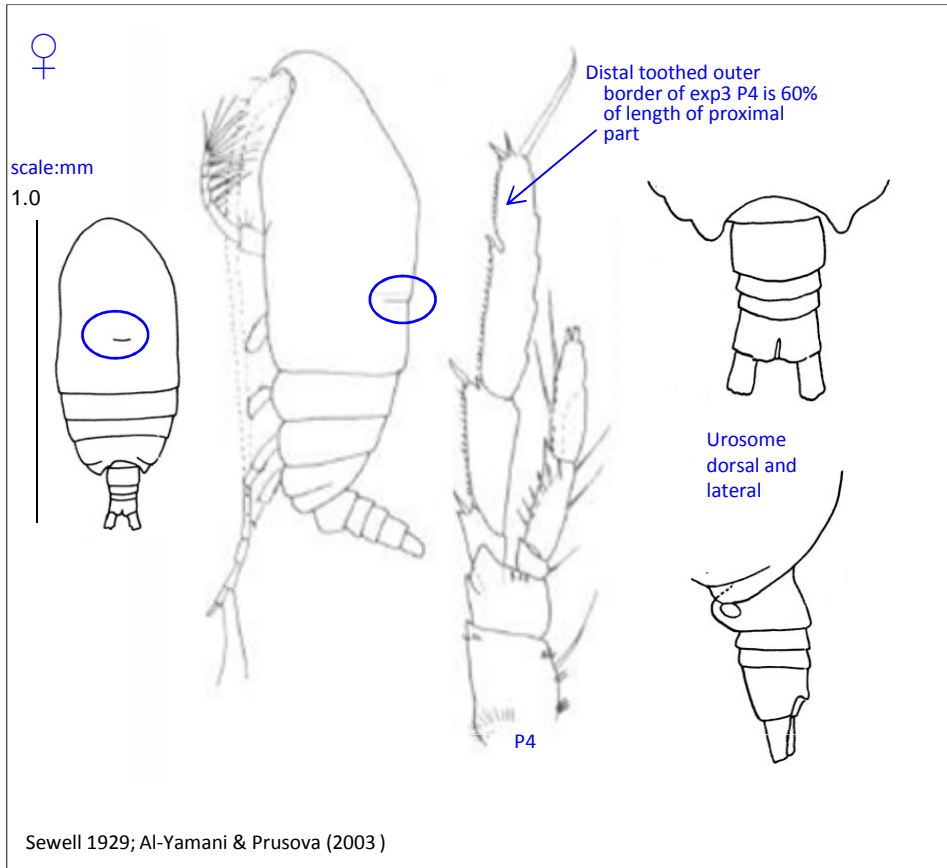


# Acrocalanus gibber

Giesbrecht, 1888



**Phylum** Arthropoda  
**Order** Calanoida  
**Family** Paracalanidae



## Synonyms

None

## Size

Female: 0.93-1.13 mm

## Genus notes

- A1 long
- Rostrum with long, slender filaments
- Pedigerous somites 4 & 5 incompletely separated
- Basis 2 of P1 with inner edge seta
- Obvious small spines on outer edge of exopodite segments of P2-4
- Female P5 is rudimentary
- Male P5 only present on left
- Females with short urosome
- Males of different species difficult to tell apart

## Female

- Deep body in lateral view, pronounced hump on cephalosome
- A1 exceeds caudal rami by 2 terminal segments
- Distinct though partial line of separation of cephalosome and 1<sup>st</sup> pedigerous somite visible
- Distal teeth on P4 are strong when compared to *A. longicornis*
- Distal toothed outer border of exp3 P4 is 60% of length of proximal part
- Genital somite longest, with prominent ventral swelling
- Females can be confused with *Paracalanus*, but in *Acrocalanus* P5 is absent

## Ecology

- Generally found in tropical regions but can be transported into temperate regions with warm currents
- Generally more abundant in inshore waters
- Abundances in the Great Barrier Reef peak between January to April
- When present, *A. gibber* is highly abundant
- Herbivorous filter feeder
- Broadcast spawners

## Source

Conway et al (2003)  
 Dakin & Colefax (1940)  
 Boltovskoy (1999)  
 Bradford-Grieve (1994)  
 McKinnon & Thorrold (1993)  
 Razouls et al (2005)



# Acrocalanus gibber

Giesbrecht, 1888

Phylum	Arthropoda
Order	Calanoida
Family	Paracalanidae

**Size**  
Male: 0.94-1.24 mm

**Male**

- Prominent hump on dorsal cephalosome
- P5 only visible on left and extends to end of urosome somite 3 or start of 4
- Left P5 very simple, 5 segmented with 2 tiny spines on end of last segment
- Males can be confused with male *Paracalanus* due to small transparent swelling on dorsal profile, differs from male *Paracalanus*, as male *A. gibber* has longer 2<sup>nd</sup> urosome somite, and P5 right is absent

