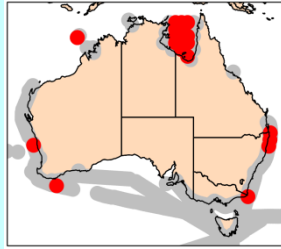
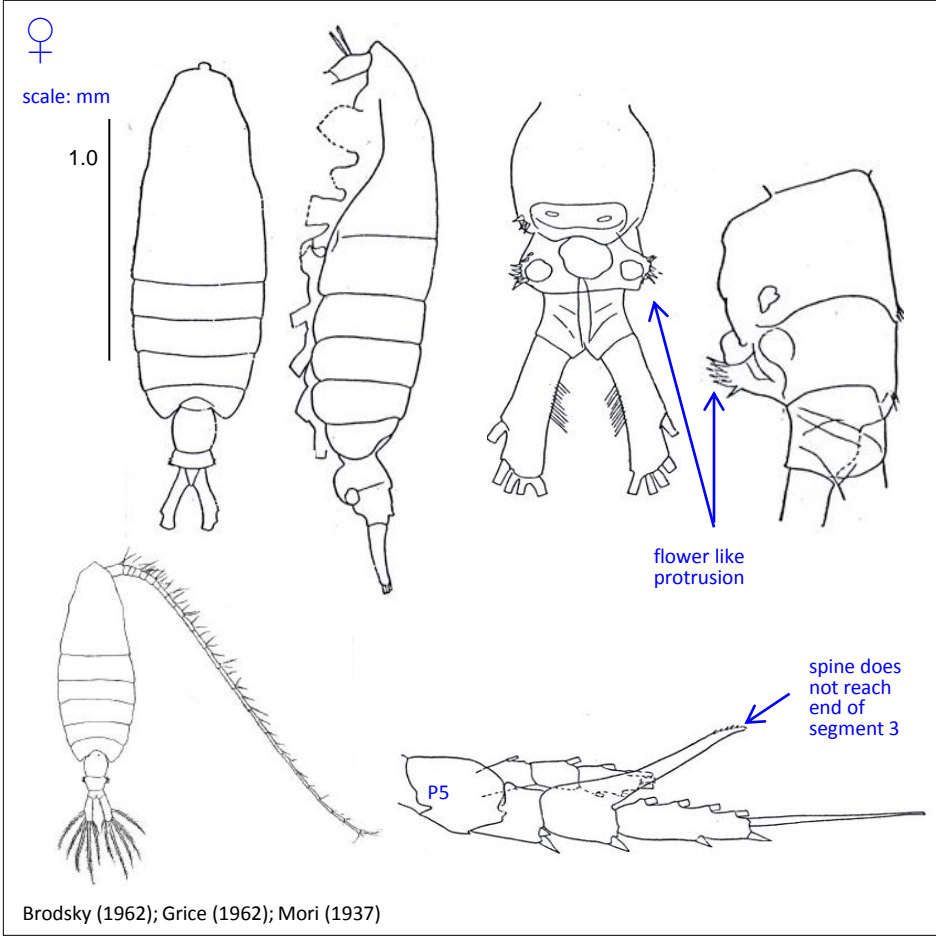


Centropages gracilis

(Dana, 1849)



Phylum	Arthropoda
Order	Calanoida
Family	Centropagidae



Brodsky (1962); Grice (1962); Mori (1937)

Synonym

Cyclopsina gracilis Dana, 1849
Hemicalanus gracilis Dana, 1852

Size

Female: 1.85 – 2.00 mm

Genus notes

- Small to medium size
- Cephalosome and pedigerous somite 1 are fused (fusion lines visible on sides)
- Single naupliar eye
- Lateral corners of posterior prosome often end in asymmetrical points
- Characteristic undulating edge on last prosomal somite between spine and urosome
- Female P5 biramous, exopod segment 2 with a strong, inner spine-like process
- Male P5 complex, right leg chelate
- Urosome usually 3-segmented, often with spines, without seminal receptacles

Female

- Lateral angles of the last prosome somite are rounded
- A1 extends beyond caudal rami by last 5 segments
- Inner marginal spine on exopodite segment 2 of P5 does not reach the end of segment 3
- Genital somite with naked lateral borders
- Urosome somite 2 has lateral knobs covered in small spines (flower like)
- Caudal rami are symmetrical

Distribution

- Epipelagic
- Coastal and offshore
- Tropical
- Indian, Pacific and Atlantic

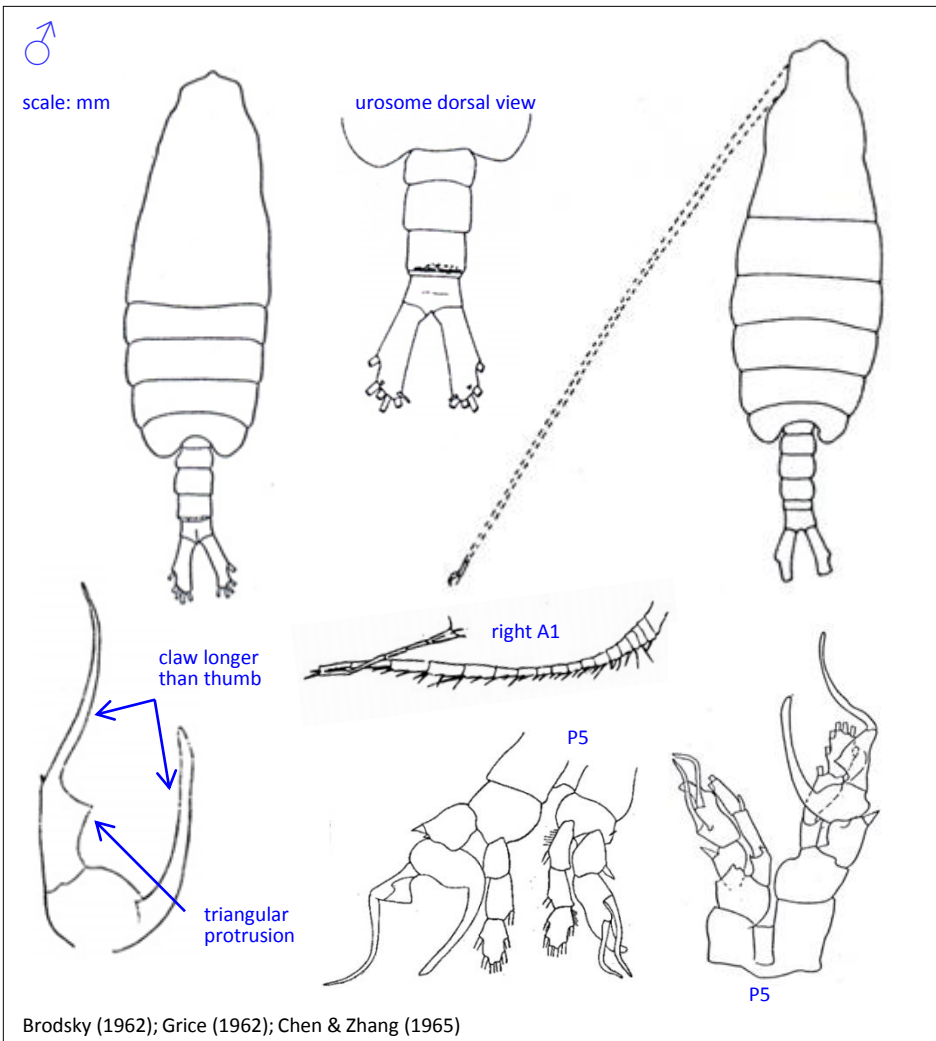
Ecology

- Little is known about the ecology of this species

Phylum Arthropoda
Order Calanoida
Family Centropagidae

Centropages gracilis

(Dana, 1849)



Size
 Male: 1.80 – 2.04 mm

- Male**
- Posterior corners of prosome rounded
 - Right P5 terminal claw is longer than the appendage on exopod 2 (thumb) and has a pronounced triangular protrusion, absent in other species in the genus

Source
 Bradford-Grieve & Markhaseva (1999)
 Boxshall & Halsey (2004)
 Brodsky (1962)
 Chen & Zhang (1965)
 Conway (2003)
 Grice (1962)
 Mori (1937)
 Razouls et al. (2012)

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