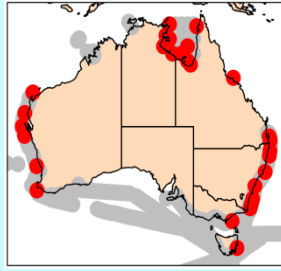
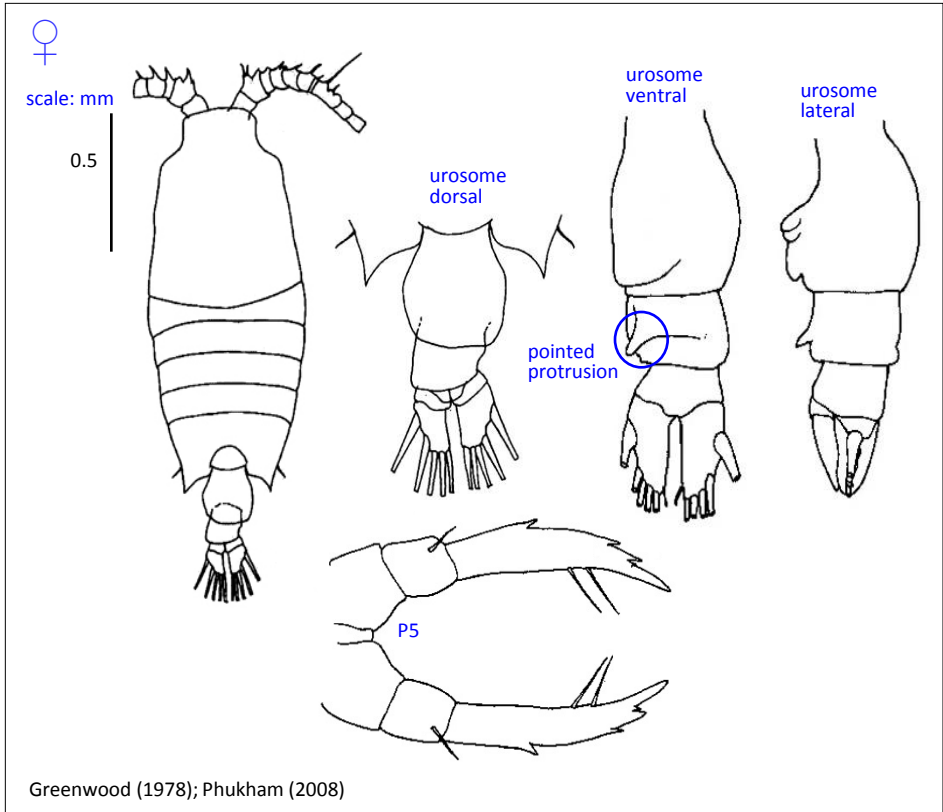


# *Candacia bradyi*

Scott A., 1902



<b>Phylum</b>	Arthropoda
<b>Order</b>	Calanoida
<b>Family</b>	Candaciidae



Greenwood (1978); Phukham (2008)

**Synonyms**  
None

**Size**  
Female: 1.4 - 2.1 mm

- Genus notes**
- Body relatively robust, cephalosome rectangular in dorsal view, gives appearance of 'shoulders'
  - May be darkly pigmented
  - Cephalosome and pedigerous somite 1 separated, pedigerous somites 4-5 fused and extended into pointed, often asymmetrical processes; rarely rounded
  - Right A1 of male with teeth present on one or more segments at the bend in the geniculate region
  - Rostrum atrophied
  - Female P5 terminal segments with one or more spine processes, a finger-like process or a single long setae; setae may or may not be present on the inner lateral margins
  - Male right P5 is chelate or ends in a long feather like seta
  - Female urosome 3-segmented, genital somite often spinose or asymmetrical, without seminal receptacles, somite 2 often asymmetrical; male 5-segmented
  - Caudal rami short with 6 setae

**Female**

- Posterior prosome somite corners each end in a short spine
- P1 with 1-segmented endopod
- P5 segment 3 curved slightly inwards, with 2 setae on inner margin and three spines on distal outer edge. These spines are blunt and pigmented on the left and sharp and non-pigmented on the right
- Genital somite broad and almost symmetrical in dorsal view, with slight protrusion on right side
- Urosome somite 2 has a pointed protrusion, half the length of genital somite, on the mid ventral surface
- Caudal rami twice as long as wide, slightly asymmetrical, the right wider than the left

**Distribution**

- Epipelagic; open ocean
- Temperate, tropical and subtropical
- Indian and Pacific Oceans; not Atlantic

**Ecology**

- Specialised predator, grasping prey with large and robust maxillae
- Larvaceans are major prey item
- Has been observed feeding on *Sagitta*



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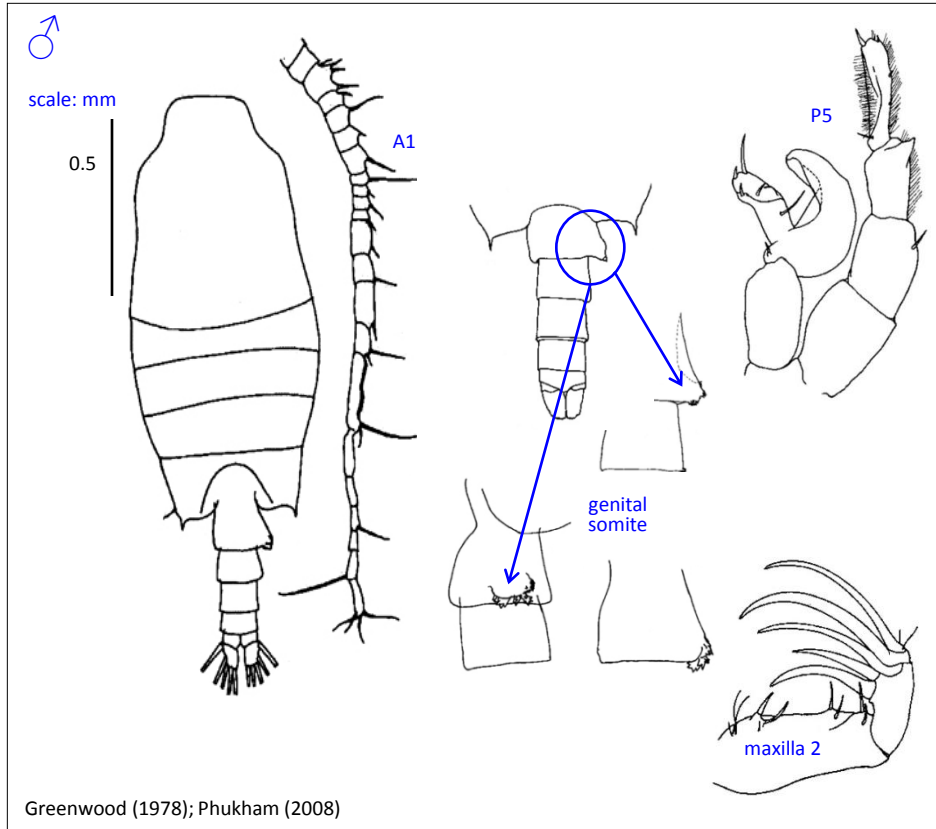
1 mm  
C. Davies, CSIRO © 2013



**Phylum** Arthropoda  
**Order** Calanoida  
**Family** Candaciidae

# *Candacia bradyi*

Scott A., 1902



**Size**

Male: 1.4 - 1.8 mm

**Male**

- A1 23-segmented, extends to posterior border of prosome
- Posterior prosome symmetrical, tip of right process does not reach beyond mid point of genital somite
- P2-4 terminal spines are more than half the length of its segment
- Left P5 segment 3 is produced at outer distal angle into a short, stout, pigmented tooth-like process, which is divided into 3 blunt points, segment 4 is elongated and narrow with 3 small terminal spines
- Genital somite produced into a small toothed process on right side
- Urosome somite 2 with patch of small spines near posterior end

**Source**

- Boxshall & Halsey (2004)
- Bradford-Grieve (1999)
- Conway (2003)
- Greenwood (1978)
- Phukham (2008)
- Razouls et al. (2010)
- Wickstead (1959)

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