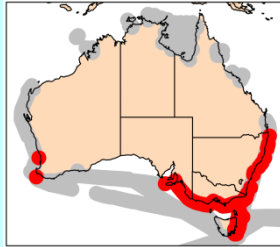
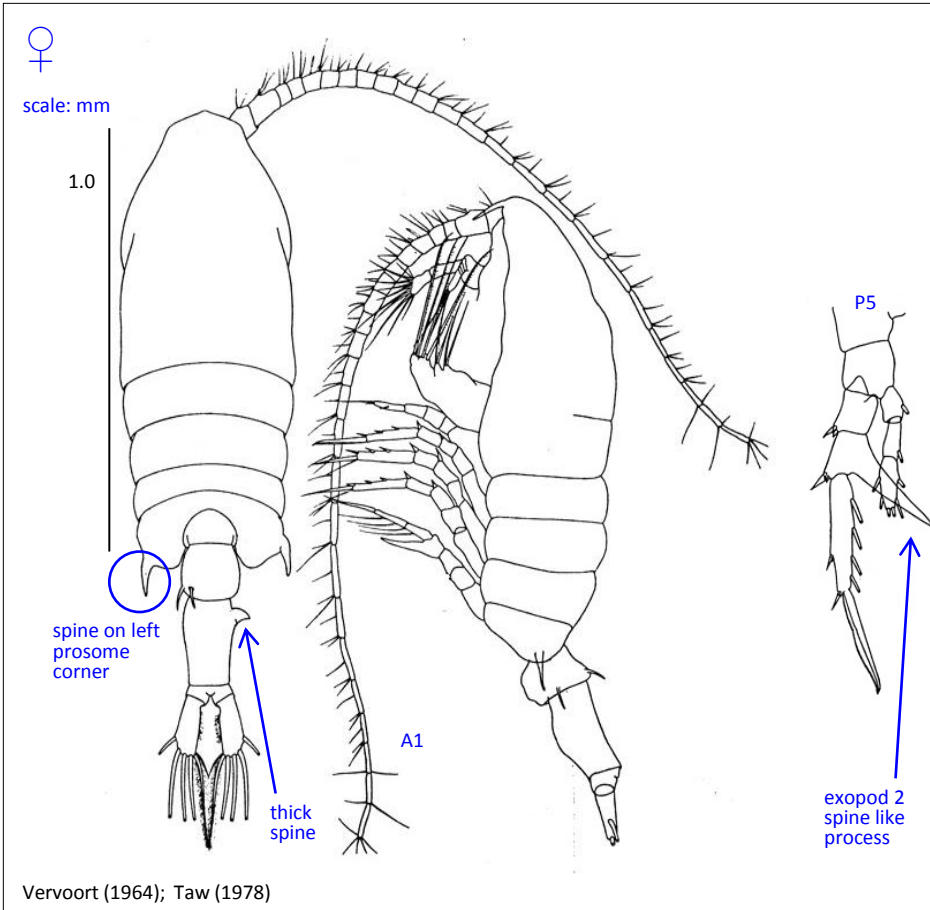


# Centropages australiensis

Fairbridge, 1944



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



**Synonyms**

None

**Size**

Female: 1.43 mm

**Genus notes**

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

**Female**

- A1 exceeds caudal rami by 2 segments
- Spine on left prosome corner reaches to end of genital somite, spine on right side reaches to middle of genital somite
- Genital somite almost symmetrical, with 2 small spines
- 2<sup>nd</sup> urosomal somite asymmetrical; left side slightly swollen, right side with spine
- Caudal rami symmetrical, twice as long as wide

**Distribution**

- Epipelagic
- Inshore coastal and coastal waters
- Southern Australian distribution, particularly along eastern seaboard

**Ecology**

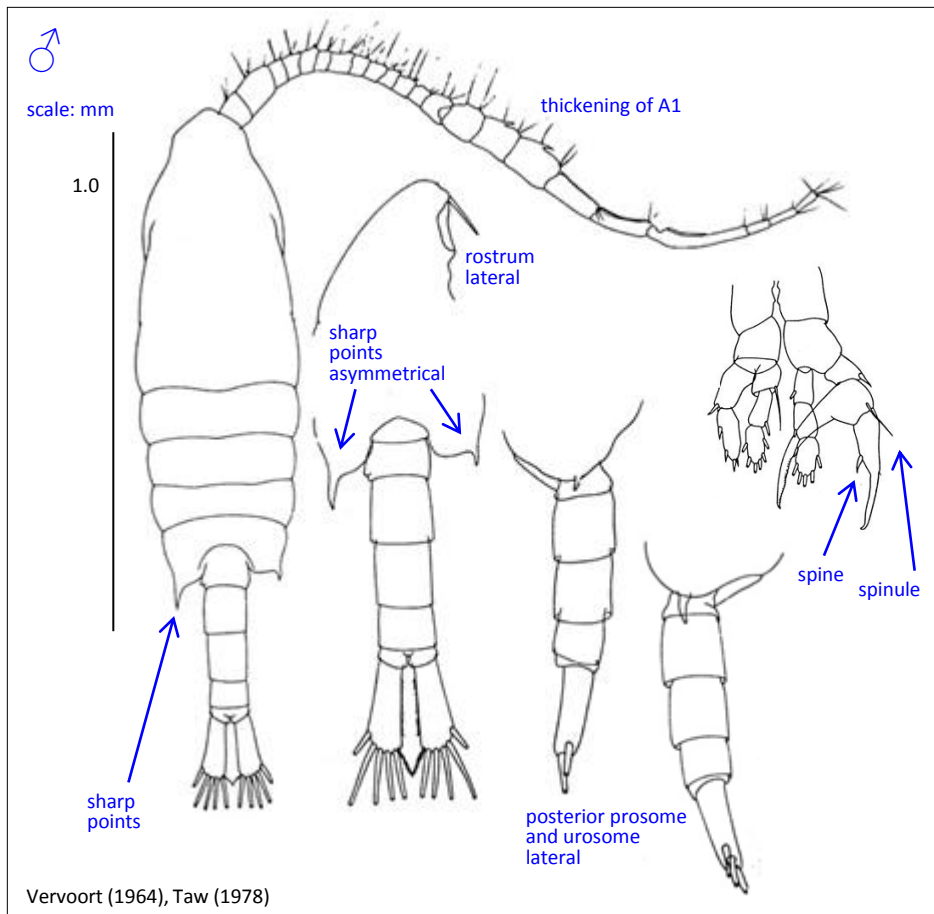
- Produces distinctive spiny eggs
- Eggs can diapause in sediments to avoid unfavourable conditions
- Females often observed with 2 or more spermatophores attached
- Omnivorous



**Phylum** Arthropoda  
**Order** Calanoida  
**Family** Centropagidae

# Centropages australiensis

Fairbridge, 1944



Vervoort (1964), Taw (1978)

**Size**  
 Male: 1.32 mm

**Male**

- One side of right A1 typically thickened along part of length
- Sharp points on posterior of prosome asymmetrical
- Right P5 with slightly curved spur on inner margin of exopod segment 2, outer apical margin furrowed
- Right P5 exopod segment 3 is pointed with furrowed inner margin and distinct spine on inner margin and minute spinule on outer margin
- Caudal rami twice as long as wide

**Source**

Boxshall and Halsey (2004)  
 Bradford-Grieve (1994)  
 Conway *et al.* (2003)  
 Taw (1978)  
 Vervoort (1964)

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