



Key to the species of Eucalanidae Pareucalanus occurring in the China Seas

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REVIEW-TAXONOMIC INDEX

Key to the Species of Eucalanidae *Pareucalanus* Occurring in the China Seas

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Pareucalanus attenuatus(3b/4a/f), *langae*(2a/4a/f), *sewelli*(3a/5b/f)

1a	Female	2
1b	Male	4
2a/1a	Cephalosome: width of shoulder less than 2 times width of triangular front. Mandible: basis with 4 setae... <i>Pareucalanus langae</i>	
2b	Cephalosome: width of shoulder more than 2 times width of triangular front. Mandible: basis with 2 setae	3
3a/2b	Antennule reaching distal border of prosome. Genital double-somite wider than long	<i>Pareucalanus sewelli</i>
3b	Antennule exceeding caudal rami by last 3 segments. Genital double-somite longer than wide	<i>Pareucalanus attenuatus</i>
4a/1b	Right leg 5 barely passing proximal border of left leg 5 segment 2	<i>Pareucalanus attenuatus</i>
4b	Right leg 5 nearly reaching midlength of left leg 5 segment 2.....	5
5a/4b	Right margin of usosomite 1 clearly convexed.....	<i>Pareucalanus langae</i>
5b	Right margin of urosomite 1 undulated	<i>Pareucalanus sewelli</i>

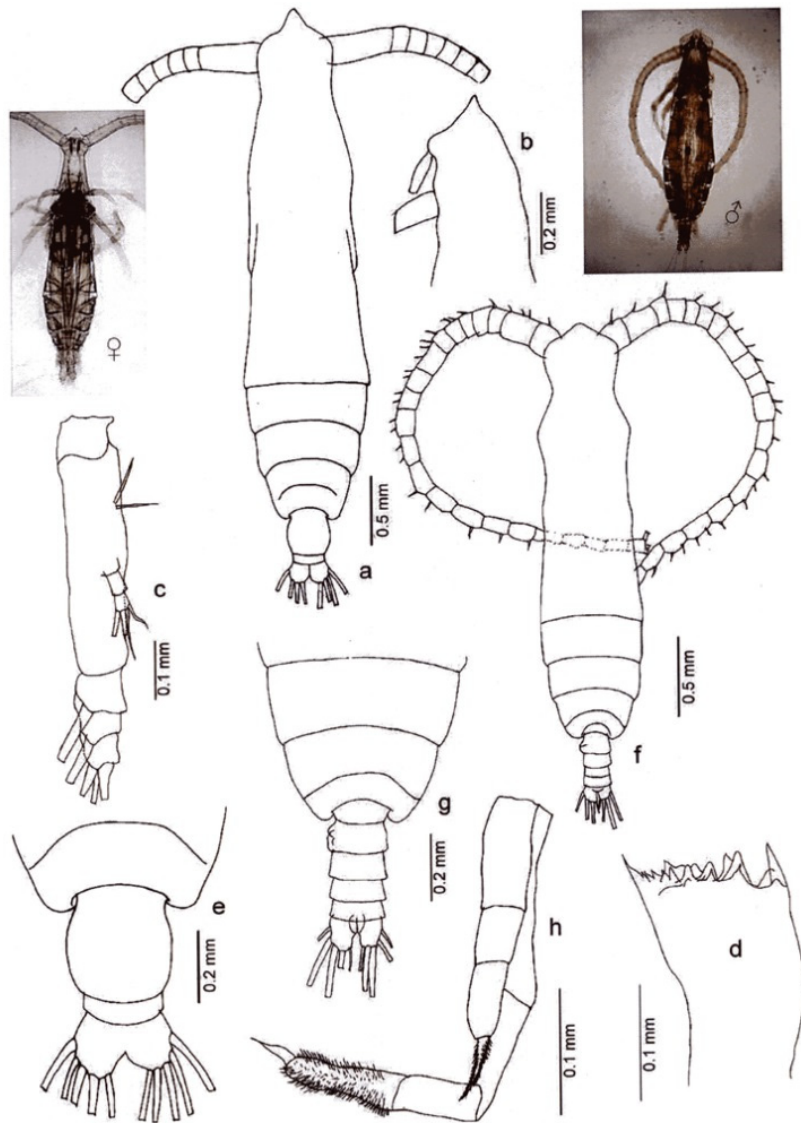
Available online 14 November 2022

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Pareucalanus attenuatus (Dana, 1849) (Size: female, 3.00–7.30 mm; male, 2.75–6.04 mm)

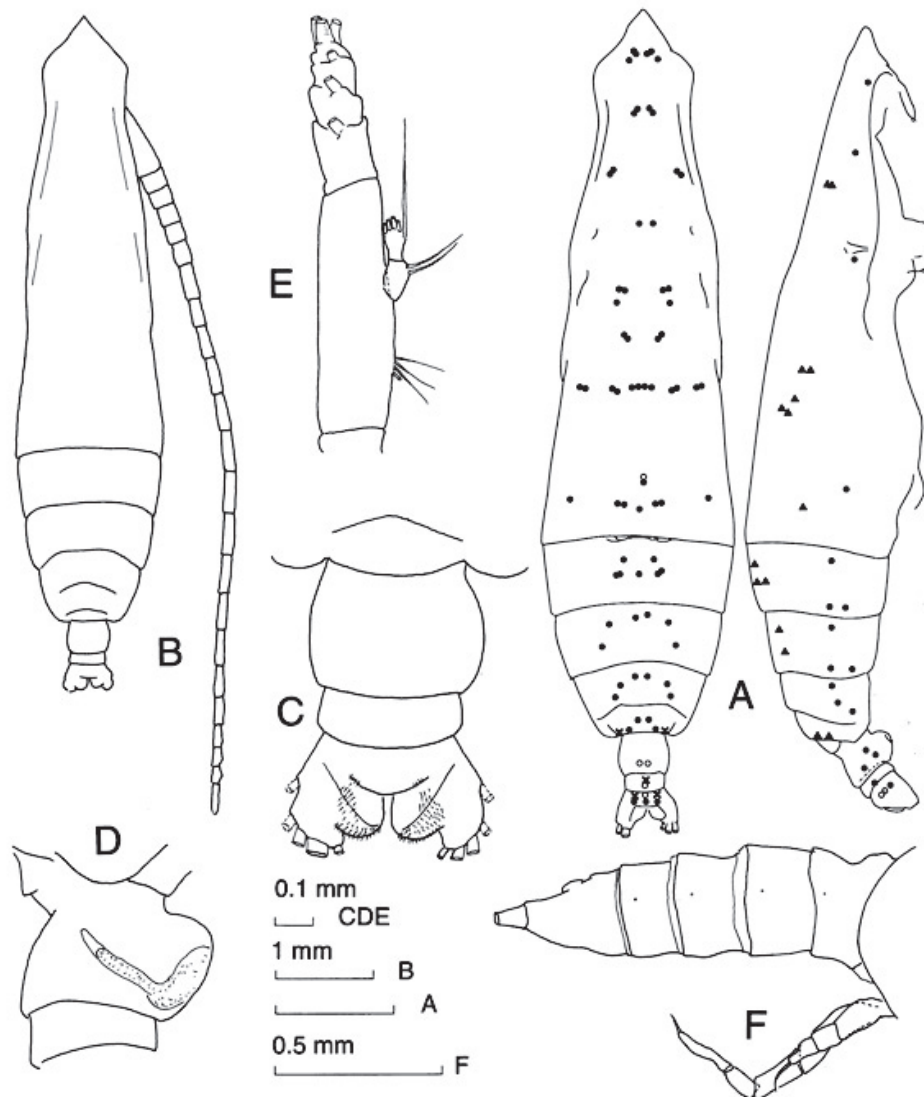


Pareucalanus attenuatus (Dana, 1849)

Phukham, 2008: Fig. 79. Female. a. habitus (dorsal); b. forehead (lateral); c. mandibular palp; d. mandibular cutting edge; e. posterior prosome and urosome (dorsal). Male. f. habitus (dorsal); g. posterior prosome & urosome (dorsal); h. leg 5 (right lateral).

Adapted from Razouls C., de Bovée F., Kouwenberg J. and Desreumaux N., 2005–2020. Diversity and Geographic Distribution of Marine Planktonic Copepods. Sorbonne University, CNRS. Available at <http://copepodes.obs-banyuls.fr/en>. [Accessed May 07, 2021].

Pareucalanus langae (Fleminger, 1973) (Size: female, 5.01–7.22 mm; male, 6.20–6.59 mm)

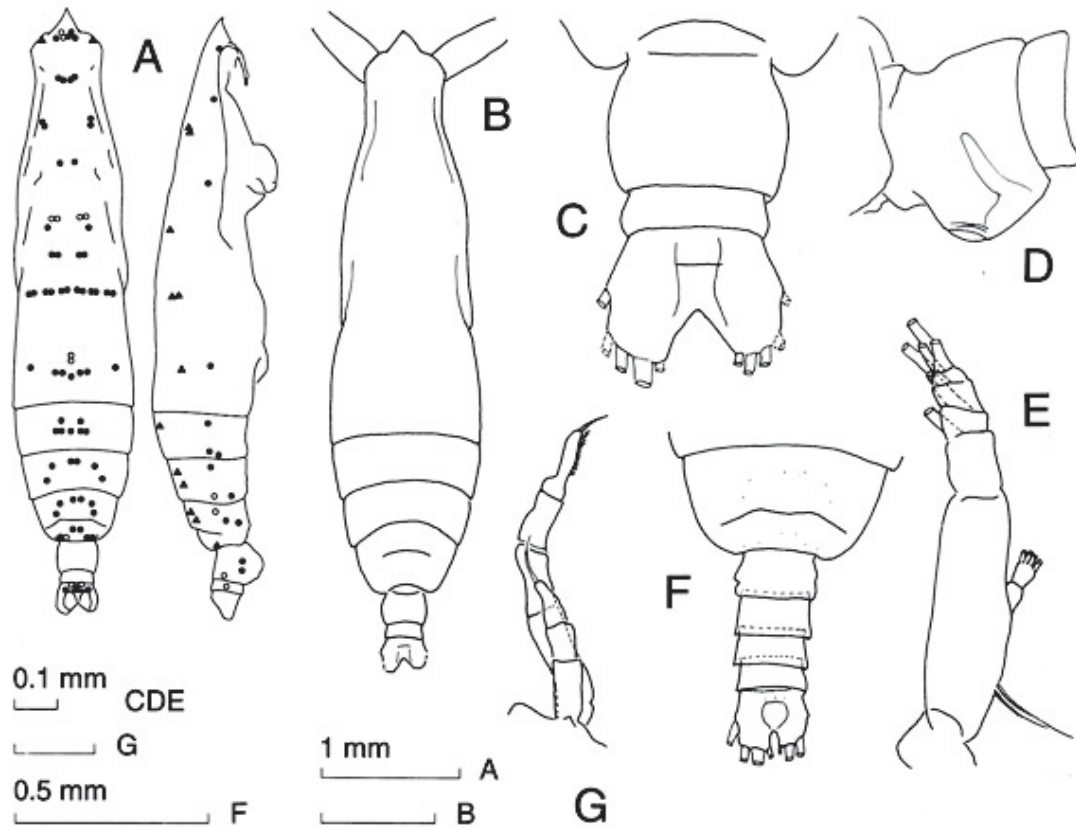


Pareucalanus langae (Fleminger, 1973)

Bradford-Grieve, 1994: Fig. 43. Female. A. habitus (dorsal/lateral); B. habitus (dorsal); C. urosome (dorsal); D. genital double-somite (lateral); E. mandibular palp. Male. F. urosome & leg 5 (right lateral).

Adapted from Razouls C., de Bovée F., Kouwenberg J. and Desreumaux N., 2005–2020. Diversity and Geographic Distribution of Marine Planktonic Copepods. Sorbonne University, CNRS. Available at <http://copepodes.obs-banyuls.fr/en>. [Accessed May 07, 2021].

Pareucalanus sewelli (Fleminger, 1973) (Size: female, 3.65–6.10 mm; male, 2.89–4.58 mm)

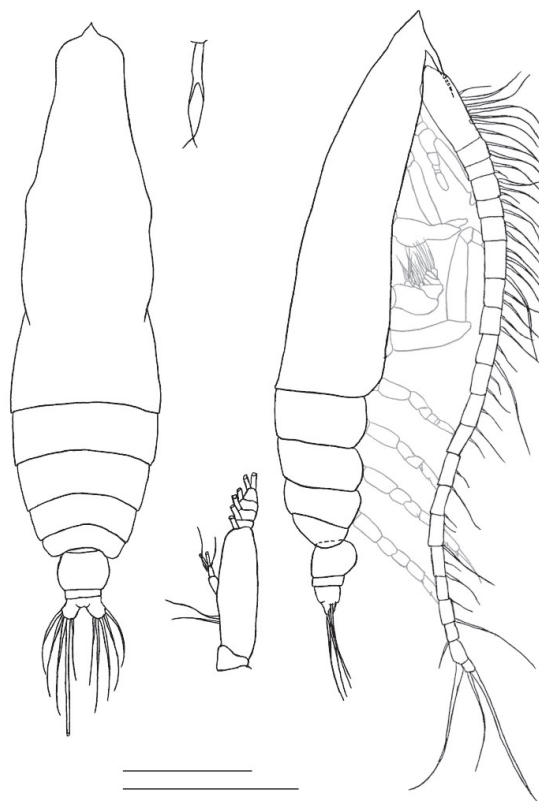


Pareucalanus sewelli (Fleminger, 1973)

Bradford-Grieve, 1994: Fig. 44. *Pareucalanus sewelli* (Fleminger, 1973), Female. A. habitus (dorsal and lateral); B. habitus (dorsal); C/D. urosome (dorsal/lateral); E. mandibular palp. Male. F. posterior prosome & urosome (dorsal). G. leg 5 (right lateral).

Adapted from Razouls C., de Bovée F., Kouwenberg J. and Desreumaux N., 2005–2020. Diversity and Geographic Distribution of Marine Planktonic Copepods. Sorbonne University, CNRS. Available at <http://copepodes.obs-banyuls.fr/en> [Accessed May 07, 2021].

Pareucalanus sewelli (Fleminger, 1973)



Pareucalanus sewelli (Fleminger, 1973)

Original. *Pareucalanus sewelli* (Fleminger, 1973), female, 4.60 mm, East of Taiwan (24°18'N, 121°46'E (Hualian, Heping), habitus (dorsal/lateral); rostrum; mandible.