



Key to the species of Calanidae Calanus occurring in the China Seas

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Recommended Citation

Shih, Chang-tai; Chen, Qing-Chao; Lan, Yang-Chi; Hsiao, Shih-Hui; and Weng, Chi-Yu (2022) "Key to the species of Calanidae Calanus occurring in the China Seas," *Journal of Marine Science and Technology*. Vol. 30: Iss. 5, Article 28.
DOI: 10.51400/2709-6998.2619
Available at: <https://jmstt.ntou.edu.tw/journal/vol30/iss5/28>

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REVIEW-TAXONOMIC INDEX

Key to the Species of Calanidae *Calanus* Occurring in the China Seas

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Calanus jaschnovi(2b/3b/f), *sinicus*(2a/3a/f)

1a	Female	2
1b	Male	3
2a/1a	Prosoma in general spindle-shaped, front of cephalosome in dorsal view dully triangular, posterolateral corners closed to urosome. Antennule exceeding distal end of caudal ramus by up to 2 segments.....	<i>Calanus sinicus</i>
2b	Prosoma in general columnar-shaped, front of cephalosome in dorsal view, moderately rounded, posterolateral corners divergent. Antennule reaching distal end of urosomite 3	<i>Calanus jaschnovi</i>
3a/1b	Anal somite longer than urosomite 4. Segments in leg 5, generally narrower, e.g., right leg 5 exopod segment 3, length 3 times width.....	<i>Calanus sinicus</i>
3b	Anal somite and urosomite 4 subequal in length. Segments in leg 5 generally wider, e.g., right leg 5 exopod segment 3, length 2.5 times width.....	<i>Calanus jaschnovi</i>

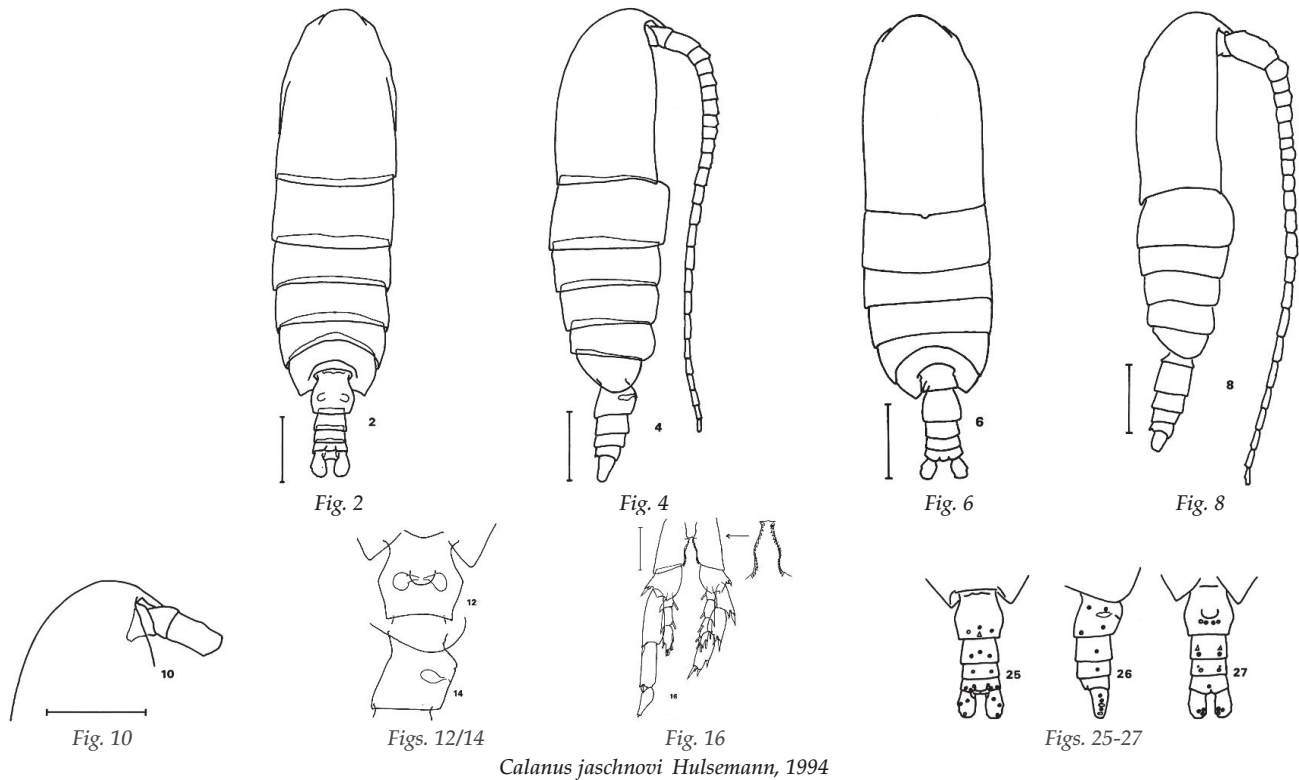
Available online 14 November 2022

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Calanus jaschnovi Hulsemann, 1994 (size: female, 3.40–4.40 mm; male, 3.00–3.80 mm)



Hulsemann, 1994. Fig.2/4. Female (from NW Pacific) habitus (dorsal/lateral). Scale bar = 0.5 mm. Fig. 6/ Fig. 8. Male (from NW Pacific) (dorsal/lateral). Scale bar 0.5 mm. Fig. 10. Female (from NW Pacific): forehead (lateral). Scale bar = 0.5 mm. Figs.12/14, genital segment (ventral/lateral). Fig. 16. Male (from NW Pacific): leg 5 (posterior). Scale bar = 0.2 mm. Figs. 25-27. Female: (from NW Pacific); schematic, showing sites of integumental organs: 25/26/27, urosome (dorsal/lateral/ventral). Filled circle: 100% presence; open circle: 95–99% presence; triangle: 40–49% presence; dot: 30% or less presence. n = 49.

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 24 2021].

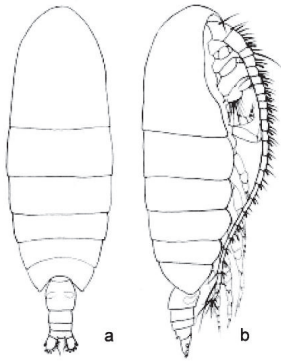
Calanus jaschnovi Hulsemann, 1994

Fig. 2

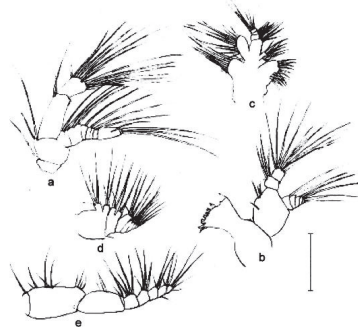


Fig. 3a-e

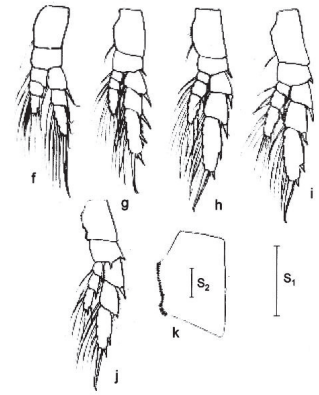
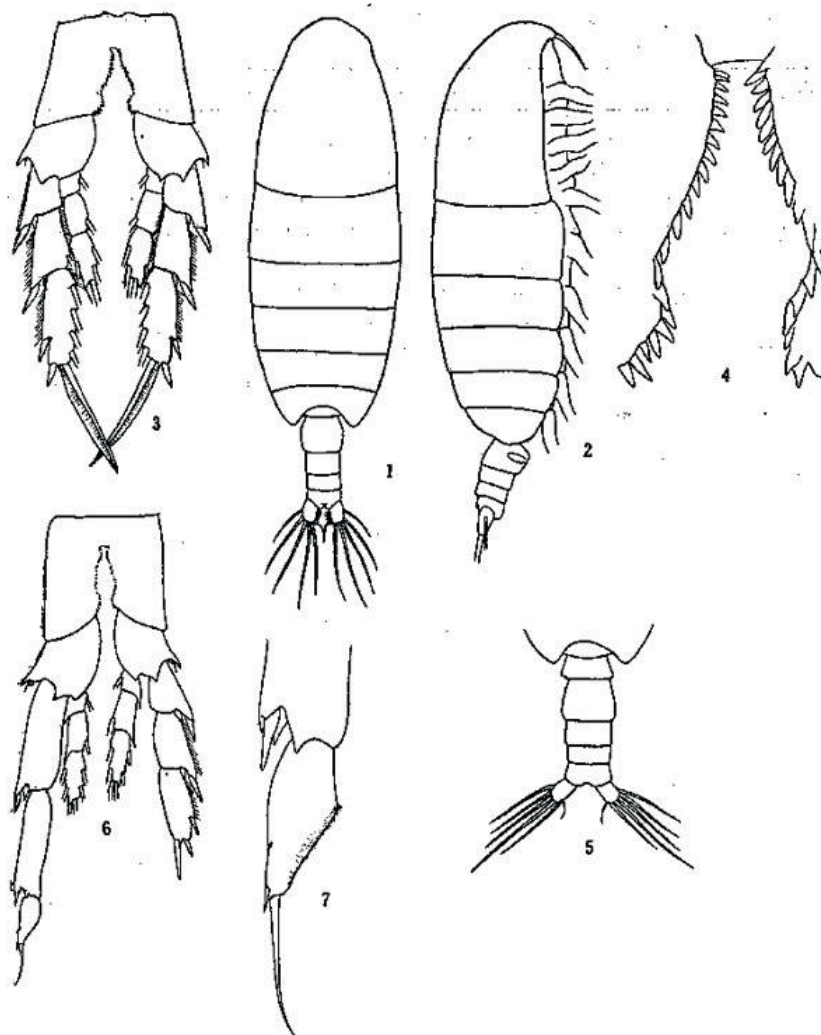


Fig. 3f-k

S.-H. Hsiao et al., 2004. Fig. 2. Female (from E Taiwan): a/b, habitus (dorsal/lateral). Fig. 3a–e: Female: a, antenna; b, mandible; c, maxillule; d, maxilla; e, maxillioed. Scale bar = 0.5 mm, Fig. 3f–k: f–j, legs 1–5; k, enlargement of coxa of leg 5. Scale bars: S1 = 0.5 mm; S2 = 0.1 mm. Nota: Coxa of P5 bearing 20–26 small teeth on curved inner border; length/width proportion of the segment 1.38–1.45.

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 24 2021].

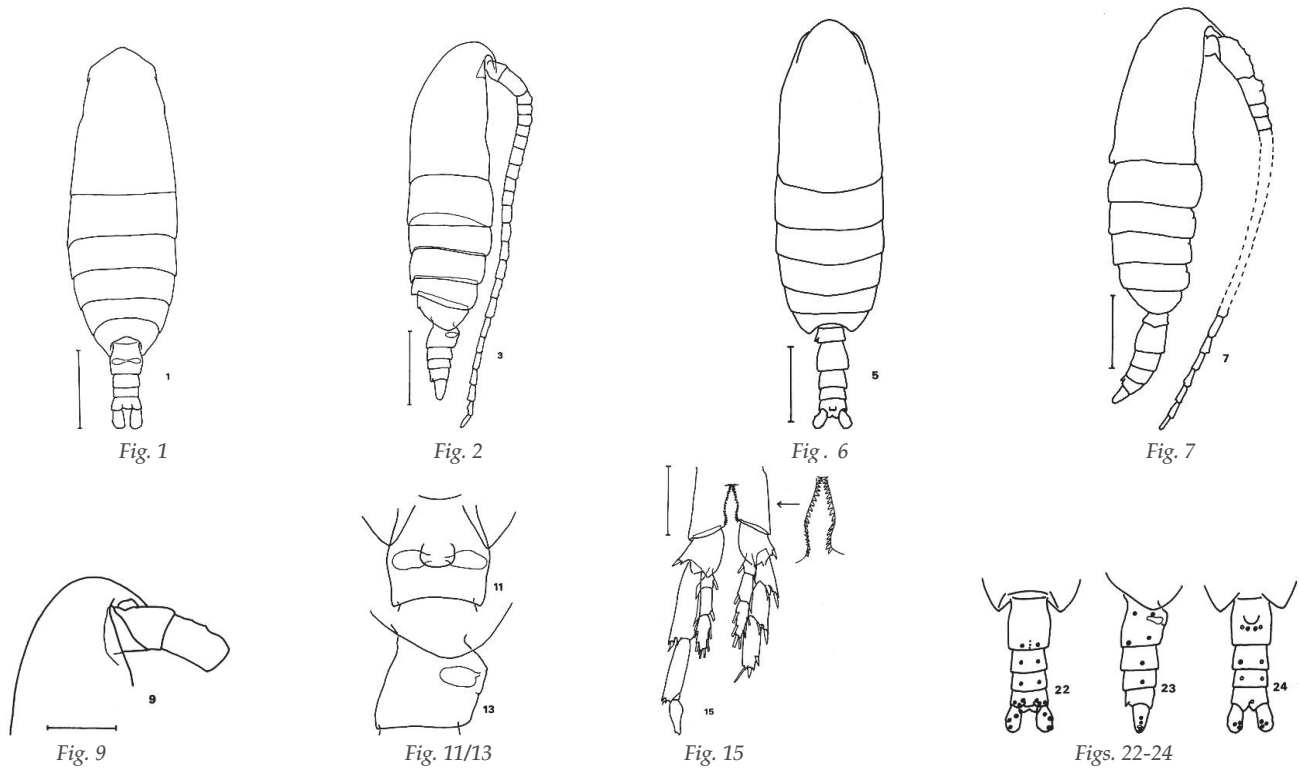
Calanus sinicus Brodsky, 1965 (size: female, 2.10–3.60 mm; male, 2.00–3.50 mm)



Chen & Zhang

Chen & Zhang, 1965, 7. [Pl.1, 1–7]. Female (from E China Sea): 1/2, habitus (dorsal/); 3, P5 (posterior); 4, leg 5 coxa inner margin. Male: 5, urosome (dorsal); 6, leg 5 (posterior); 7, left leg 5 exopod distal segment.

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 24 2021].

Calanus sinicus Brodsky, 1965*Calanus sinicus* Brodsky, 1965

K. Hulsemann, 1994. Fig. 1. Female: (from NW Pacific): 1/2, habitus (dorsal/lateral). Scale bar = 0.5 mm. Fig. 2. Male: (from NW Pacific): Fig. 6/Fig. 7, habitus (dorsal/lateral). Scale bar = 0.5 mm. Fig. 9, forehead (lateral). Scale bar = 0.2 mm. Fig. 11/13, female, genital segment (ventral/lateral). Fig. 15, male, leg 5 (posterior). Scale bar = 0.2 mm. Figs. 22-24. Female: (from NW Pacific), schematic, showing sites of integumental organs: 22/23/24, urosome (dorsal/lateral/ventral). Filled circle: 100% presence; open circle: 95–99% presence; triangle: 40–49% presence; dot: 30% or less presence. n = 53.

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 24 2021].