Journal of
Marine Science and Technology

Volume 30
Issue 5 *Review-Special Issue (Part 2)*

Article 29

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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 Cosmocalanus occurring in the China Seas," *Journal of Marine Science and Technology*: Vol. 30: Iss. 5, Article 29.
DOI: 10.51400/2709-6998.2620
Available at: https://jmstt.ntou.edu.tw/journal/vol30/iss5/29

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REVIEW-TAXONOMIC INDEX

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

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Cosmocalanus caroli (2a/3a/f), darwini (2b/3b/f)

1a	Female	2
1b	Male	3
2a/1a	Posterolateral corner of prosome in lateral view triangularly squared. Genital double-somite length about 1.2 times width	*Cosmocalanus caroli*
2b	Posterolateral corner of prosome in lateral view narrowly rounded. Genital double-somite about as long as wide	*Cosmocalanus darwini*
3a/1b	Right leg 5 exopod segment 3: distal half of outer margin with 3 processes, proximal 2 processes rounded, distal process sharply pointed	*Cosmocalanus caroli*
3b	Right leg 5 exopod segment 3: inner margin with a single beak-like process	*Cosmocalanus darwini*

Available online 14 November 2022

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https://doi.org/10.51400/2709-6998.2620
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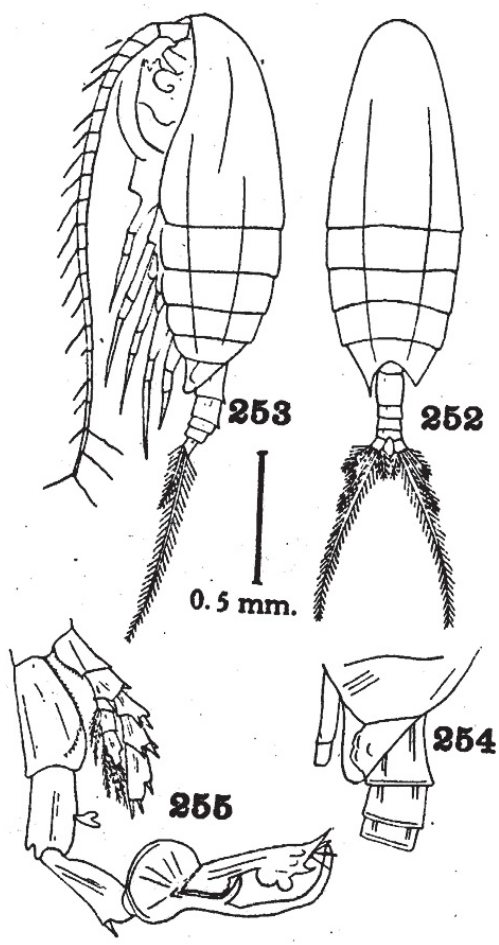
Cosmocalanus caroli (Giesbrecht, 1888) (Size: female, 1.97−2.14 mm; male, 1.50−1.85 mm)

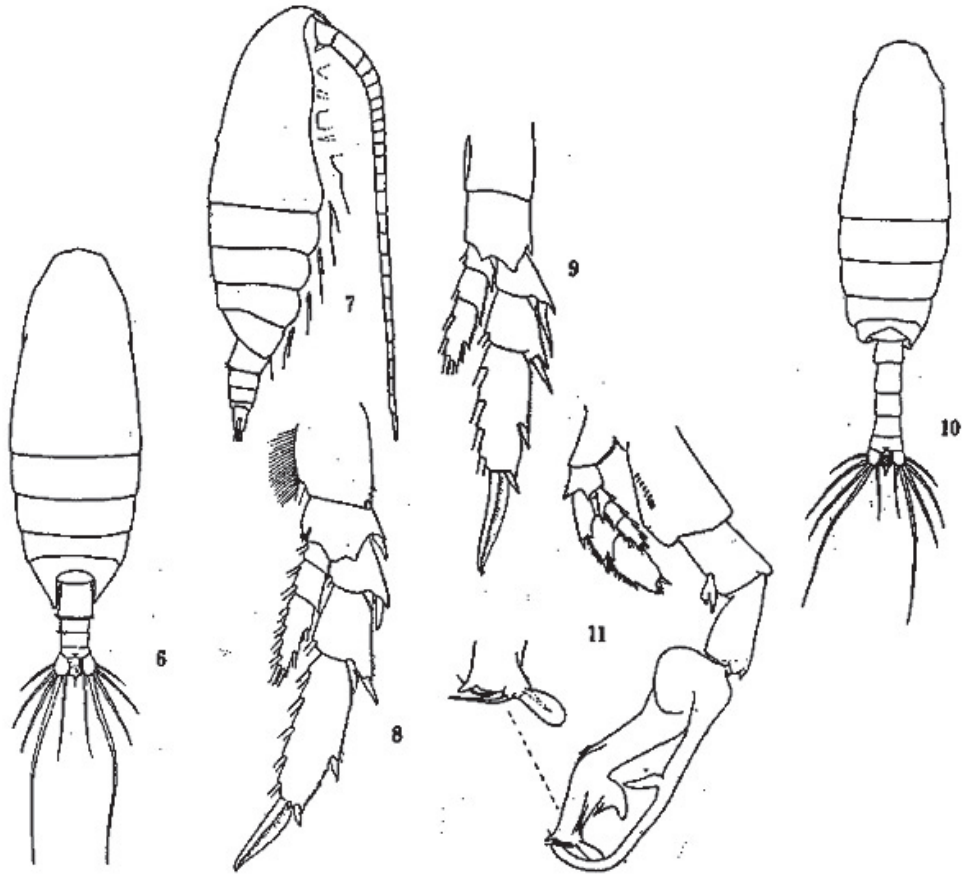


Cosmocalanus caroli (Giesbrecht, 1888)

C.B. Wilson, 1950: pl. 19. **Female**. 252/253. habitus (dorsal/lateral); 254. pediger 5 & urosomite 1−3 (lateral). **Male**. 255. leg 5.

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 26, 2021].

Cosmocalanus darwini (Lubbock, 1860) (Size: Female, 1.60−2.58 mm; male, 1.60−2.35 mm)

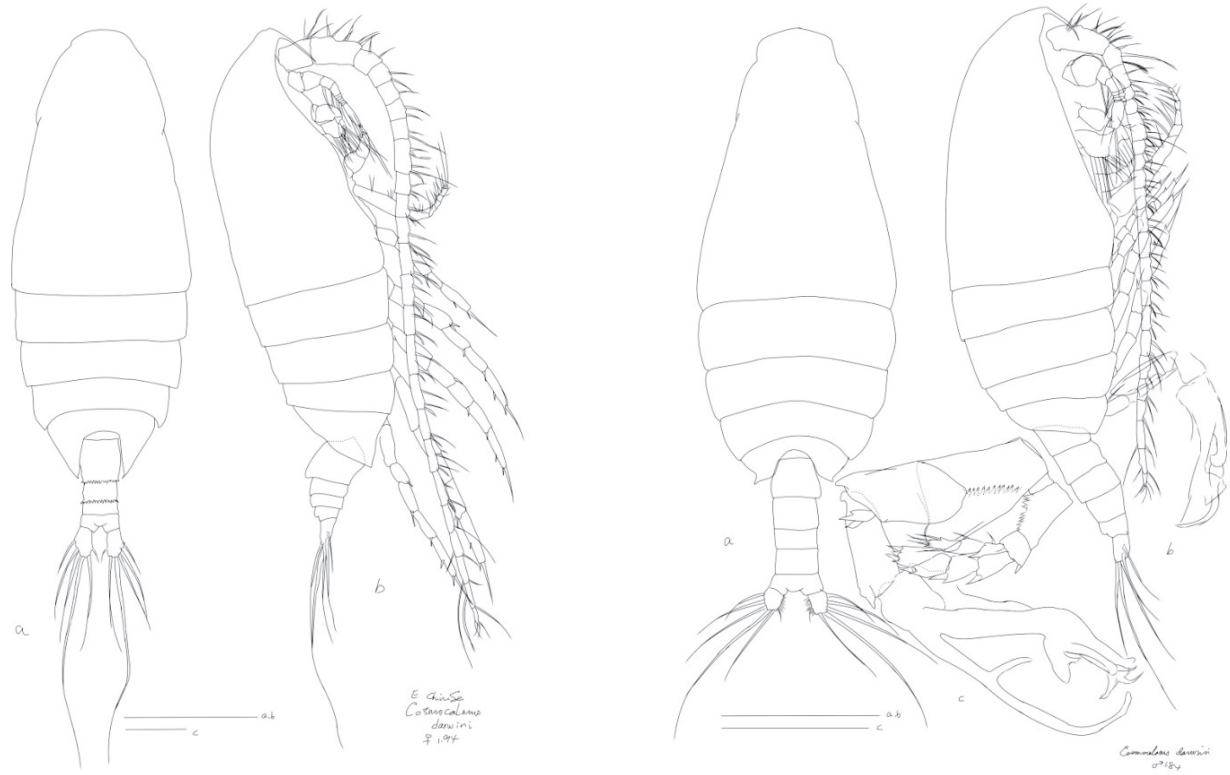


Cosmocalanus darwini (Lubbock, 1860)

Chen & Zhang, 1965: pl. 4. Female (from East China Sea). 6/7. habitus (dorsal/lateral); 8. leg 3 (posterior); 9. leg 5 (posterior). Male. 10. habitus (dorsal); 11. leg 5 (posterior).

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 November 26, 2020].

Cosmocalanus darwini (Lubbock, 1860)



Female *Male*

Original. *Cosmocalanus darwini* (Lubbock, 1860), **Female** 1.94 mm, East China Sea (23°55′N 122°25′E) a/b. habitus (dorsal/lateral). **Male** 1.84 mm, East China Sea (25°05′N 123°10′E) a/b. habitus (dorsal/lateral); c. leg 5 (anterior).

Cosmocalanus darwini (Lubbock, 1860)

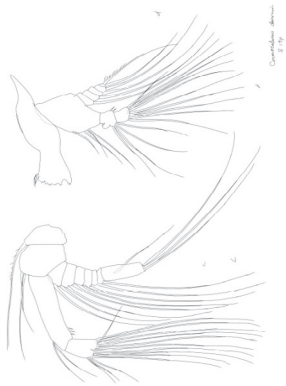


Fig. 1(c/d)

Fig. 2(e/f/g)

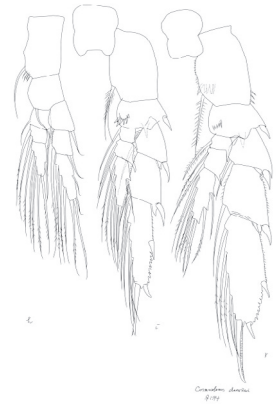


Fig. 3(h/i/j)

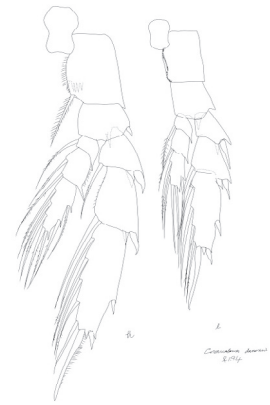


Fig. 4(j/k)

*Cosmocalanus darwini (Lubbock, 1860) (*Mouth parts & legs, female)*

Original. *Cosmocalanus darwini* (Lubbock, 1860), **Female** 1.94 mm, East China Sea (23°55′N 122°25′E). Fig. 1: c. right antenna, posterior; d. right mandible, posterior; Fig. 2: e. right maxillule, posterior; f. right maxilla, posterior; g. right maxilliped, posterior; Fig. 3: h. right leg 1, posterior; i. right leg 2, posterior; Fig. 4: j. leg 3, posterior, k. leg 4, posterior; l. right leg 5, posterior.