



Key to the species of Temoridae *Temora* occurring in the China Seas

Chang-tai Shih
National Taiwan Ocean University, ctshih@mail.ntou.edu.tw

Qing-Chao Chen
South China Sea Institute of Oceanology

Yang-Chi Lan
Fisheries Research Institute

Shih-Hui Hsiao
National Taipei University of Education

Chi-Yu Weng
Institute of Oceanography, National Taiwan University/Ocean Data Bank of the Ministry of National Science and Technology Council, Taiwan

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REVIEW-TAXONOMIC INDEX

Key to the Species of Temoridae *Temora* Occurring in the China Seas

Chang-tai Shih ^{a,*}, Qing-Chao Chen ^b, Yang-Chi Lan ^c, Shih-Hui Hsiao ^d, Chi-Yu Weng ^e

^a National Taiwan Ocean University, Taiwan

^b South China Sea Institute of Oceanology, China

^c Fisheries Research Institute, Taiwan

^d National Taipei University of Education, Taiwan

^e Institute of Oceanography, National Taiwan University/Ocean Data Bank of the Ministry of National Science and Technology Council, Taiwan

Temora discaudata(3a/8a/f), *longicornis*(4a/7b/f), *stylifera*(3b/8b/f), *turbinata*(4b/6a/f)

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2a/1a	Posterolateral corners of prosome sharp and pointed.....	3
2b	Posterolateral corners of prosome rounded.....	4
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3b	Right length of anal somite equal to left length	<i>Temora stylifera</i>
4a/2b	Urosome 4-segmented	<i>Temora longicornis</i>
4b	Urosome 5-segmented	<i>Temora turbinata</i>
5a/1b	Posterolateral corners of prosome more or less rounded.....	6
5b	Posterolateral corners of prosome more or less pointed	7
6a/5a	Left leg 5, terminal segment with 2 large spines near inner distal end and 1 fine spine on inner margin at the middle.....	<i>Temora turbinata</i>
6b	Left leg 5, terminal segment 3 small spines on inner margin, and a large distal inner spine.....	<i>Temora longicornis</i>
7a/5b	Right leg 5, terminal segment making a 180° turn at proximal quarter.....	<i>Temora discaudata</i>
7b	Right leg 5, terminal segment making a slight outward turn at proximal end	<i>Temora stylifera</i>

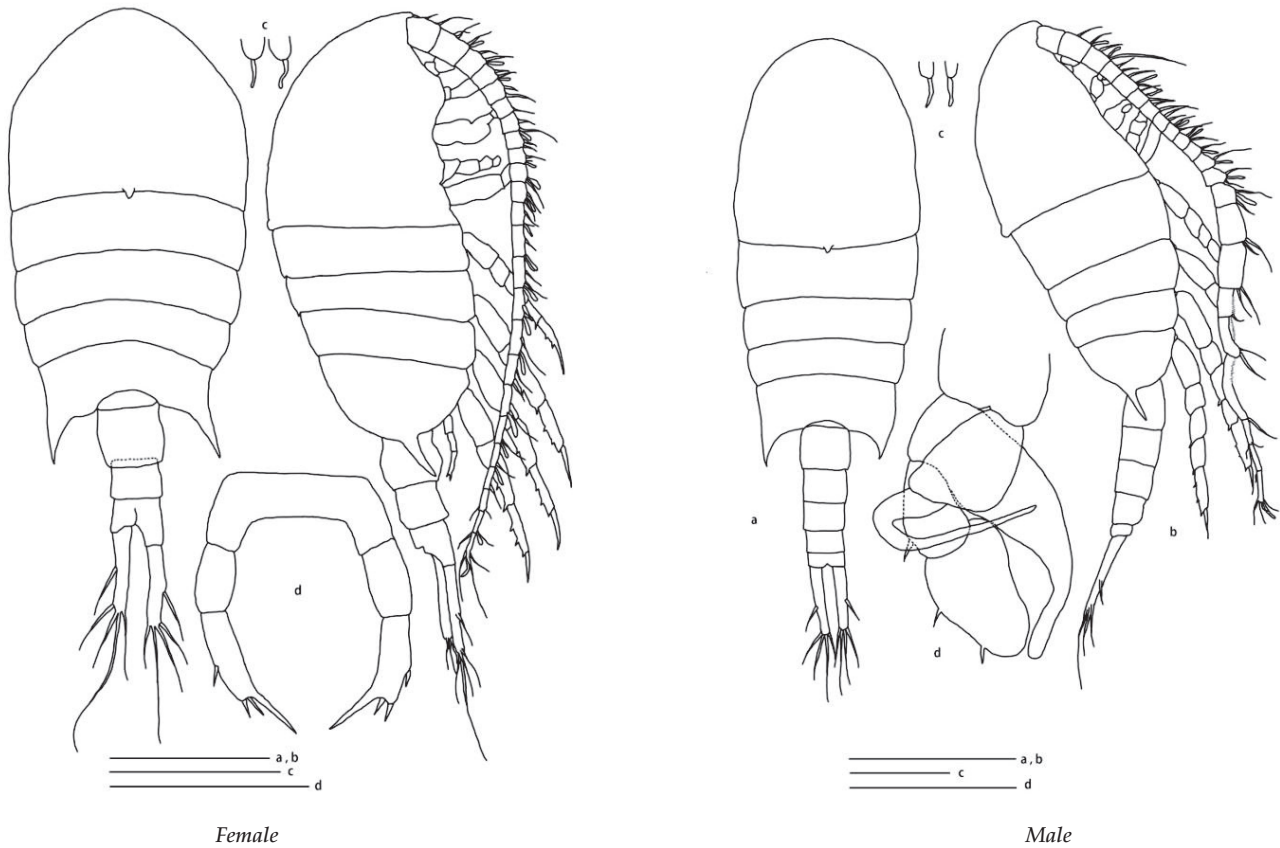
Available online 14 November 2022

* Corresponding author.

E-mail address: ctshih@mail.ntou.edu.tw (C.-t. Shih).



Temora discaudata Giesbrecht, 1889 (Size: female, 1.11–2.05 mm; male, 1.50–1.97 mm)

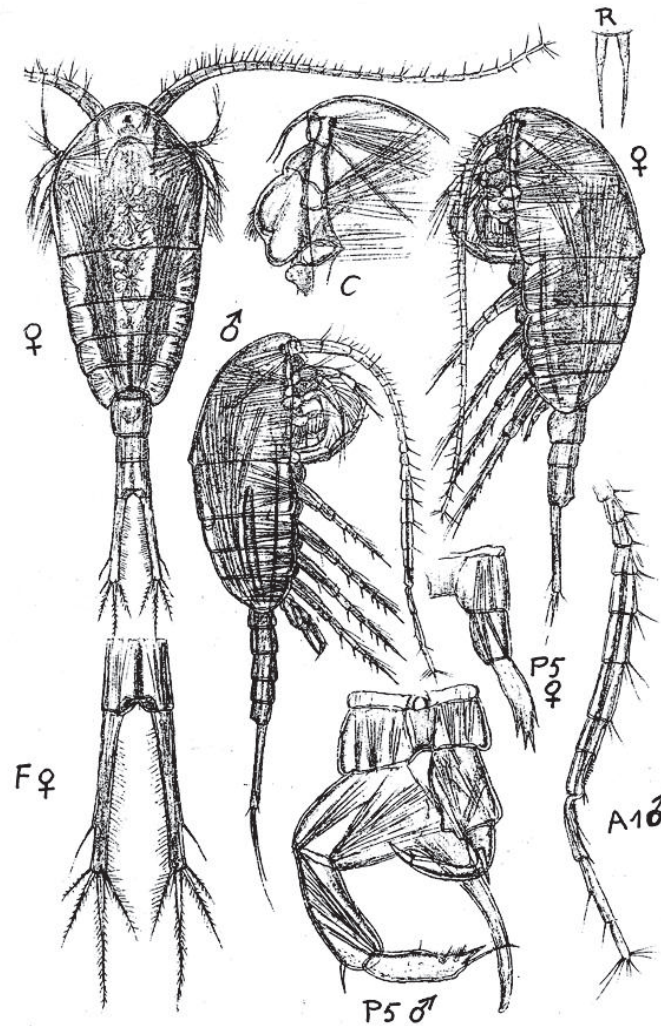


Temora discaudata Giesbrecht, 1889

Original. *Temora discaudata* Giesbrecht, 1889, Female, 1.86 mm, East China Sea (25°35'N, 121°59'E): a/b. habitus (dorsal/lateral); c. rostrum (anteroventral); d. leg 5 (posterior) Scales: a, b = 0.5 mm; c = 0.2 mm; d = 0.2 mm. Male, 1.76 mm, East China Sea (25°35'N, 121°59'E): a/b. habitus (dorsal/lateral); c. rostrum (anteroventral); d. leg 5 (posterior). Scales: a, b = 0.5 mm; c = 0.2 mm; d = 0.2 mm.

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 10 2021].

Temora longicornis (Müller, 1792) (Size: female, 0.80–1.66 mm; male, 0.82–1.65 mm)

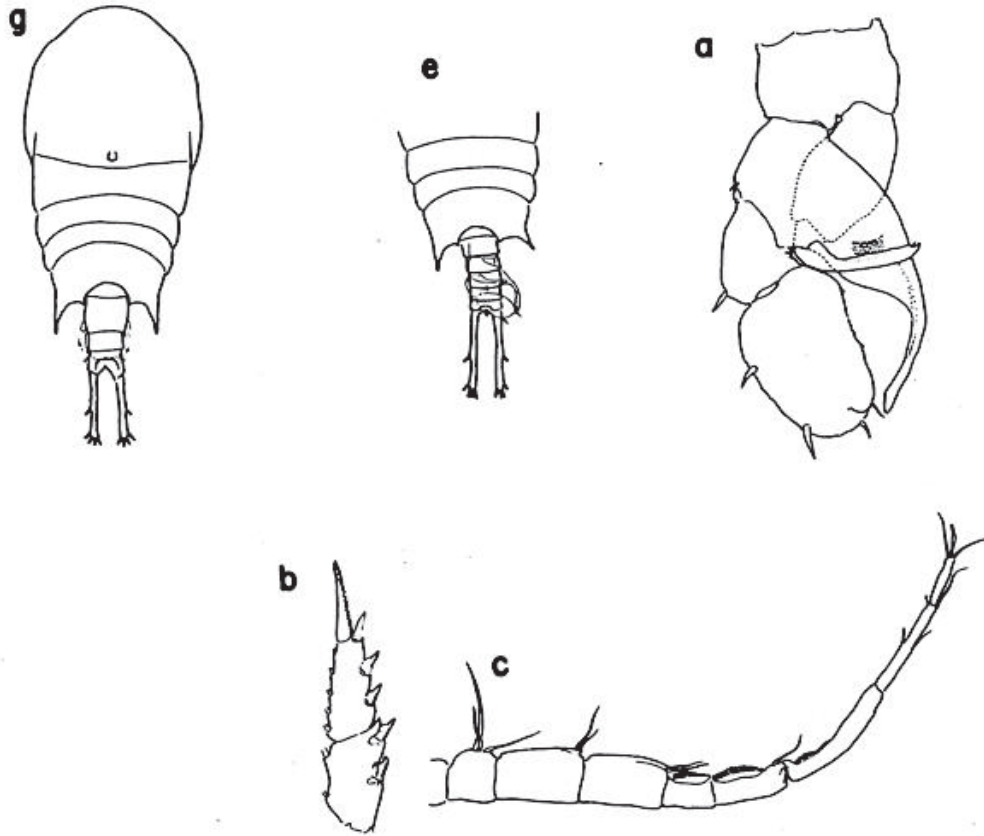


Temora longicornis (Müller, 1792)

Sars, 1903: pl. 65/66. Female & Male *Temora longicornis* (Müller, 1792), Female. habitus (dorsal/lateral); c. forehead (lateral); F. anal somite 7 caudal rami (dorsal); p5. leg 5. Male. habitus (lateral); A1. Antennule; P5. 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 10 2021].

Temora stylifera (Dana, 1849) (Size: female, 1.19–2.05 mm; male, 1.01–1.88 mm)

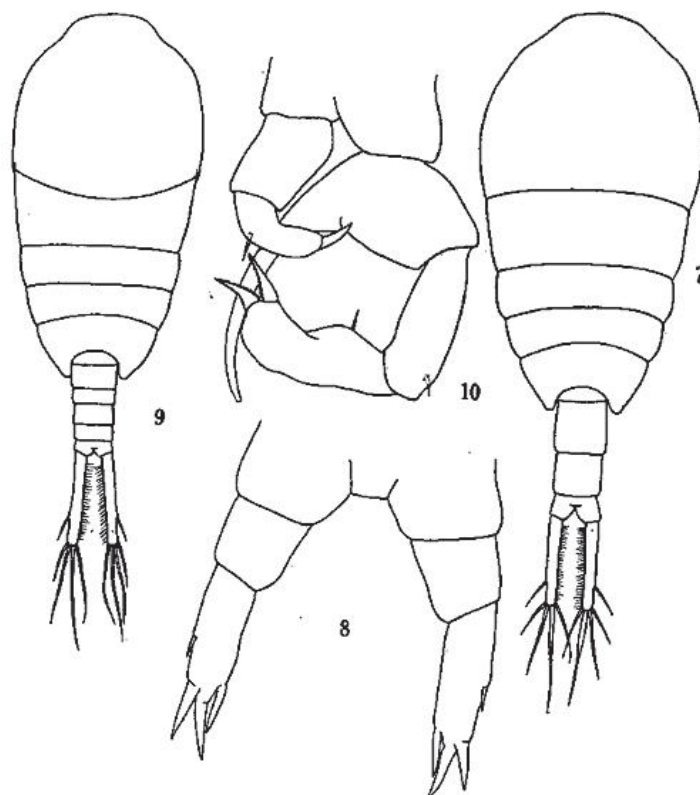


Temora stylifera (Dana, 1849)

Fleminger & Hülsemann, 1973: Fig. 6. *Temora stylifera* (Dana, 1849), Female, fig. g. habitus (dorsal). Fig. 7. Male. a. leg 5; b. Leg 2, exopod; c. distal segments of antennule. e. posterior prosome & urosome.

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 10 2021].

Temora turbinata (Dana, 1849) (Size: female, 0.95–1.70 mm; male, 0.89–1.56 mm)



Temora turbinata (Dana, 1849)

Chen & Zhang, 1965: pl. 20. *Temora turbinata* (Dana, 1849), Female (from East China Sea). 7. habitus (dorsal); 8. leg 5 (posterior). Male. 9. habitus (dorsal); 10. leg 5 (anterior).

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 10 2021].