



## Key to the species of Bathypontiidae Temorites 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 Bathypontiidae *Temorites* Occurring in the China Seas

Chang-tai Shih <sup>a,\*</sup>, Qing-Chao Chen <sup>b</sup>, Yang-Chi Lan <sup>c</sup>, Shih-Hui Hsiao <sup>d</sup>, Chi-Yu Weng <sup>e</sup>

<sup>a</sup> National Taiwan Ocean University, Taiwan

<sup>b</sup> South China Sea Institute of Oceanology, China

<sup>c</sup> Fisheries Research Institute, Taiwan

<sup>d</sup> National Taipei University of Education, Taiwan

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

*Temorites brevis*(4a/11a/f)\*, *elongata*(5a/12a/f)\*, *longicornis*(12b/f)\* (female unknown), *minor*(2a/9a/f)\*, *sarsi*(6a/10a/f)\*, *similis*(3a/8b/f)\*, *spinifera*(8a/f)\*

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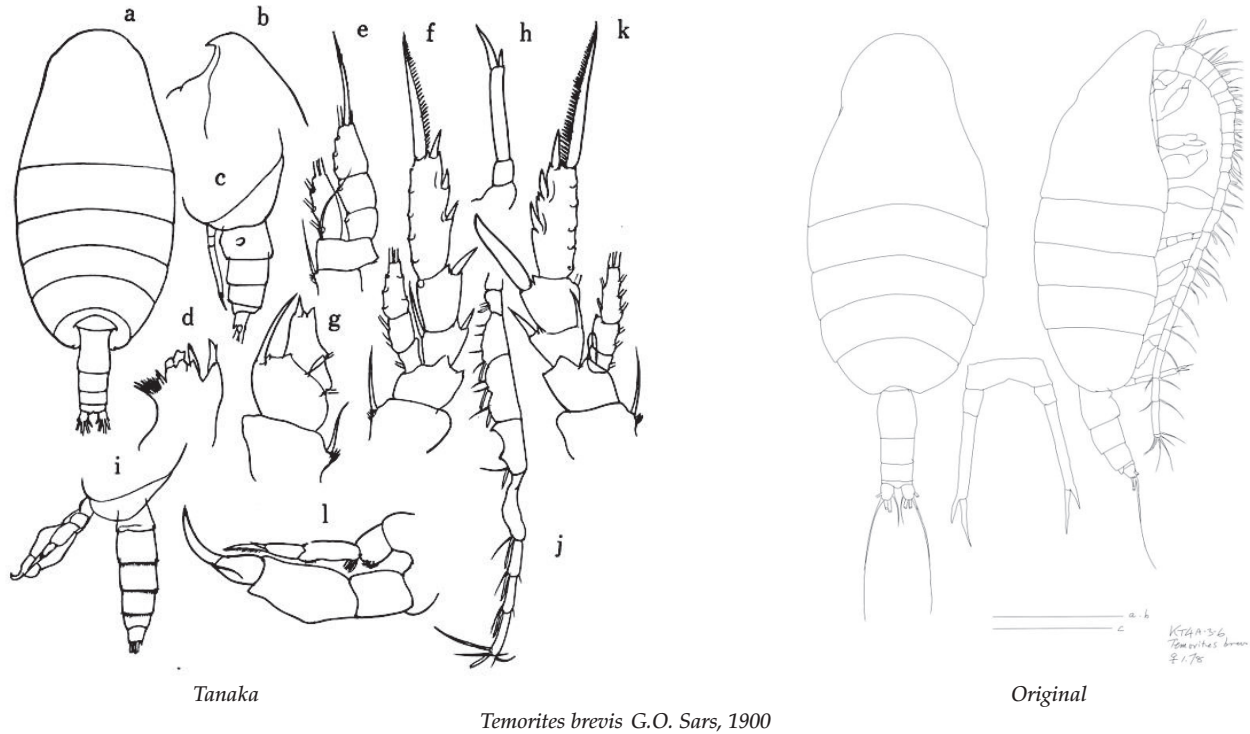
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\* Corresponding author.

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



*Temorites brevis* G.O. Sars, 1900 (Size: female, 1.52–2.12 mm; male, 1.05–1.94 mm)



Tanaka

*Temorites brevis* G.O. Sars, 1900

Original

Tanaka, 1965: Fig. 243. Female. a. habitus (dorsal); b. forehead (lateral); c. pediger 5 & urosome (lateral); d. mandible gnathobase; e. leg 1; f. leg 2; g. leg 3 coxa & basis; h. leg 5. Male. i. pediger 5 & urosome (lateral); j. antennule; k. leg 2; l. 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 May 24, 2021].

Original. *Temorites brevis* G.O. Sars, 1900, Female, 1.78 mm, east of Taiwan (23°57'N, 122°16'E, 800 m): a/b. habitus (dorsal/lateral); c. leg 5 (posterior).

*Temorites elongata* G.O. Sars, 1905 (Size: female, 4.70–6.15 mm; male, 4.68–5.55 mm)

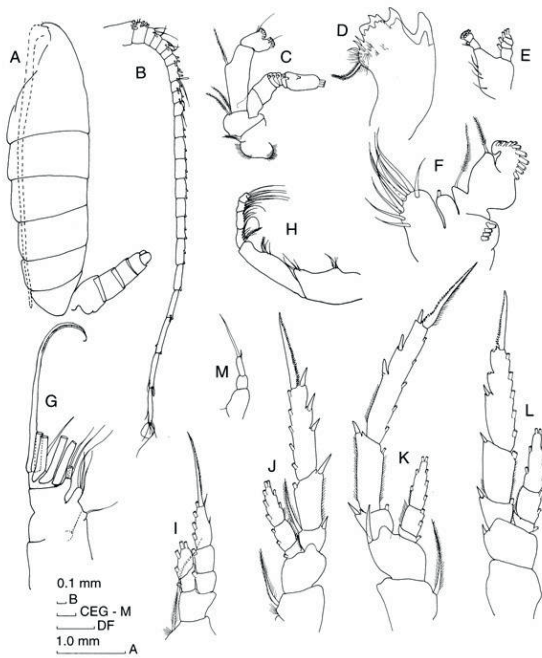


fig. 4

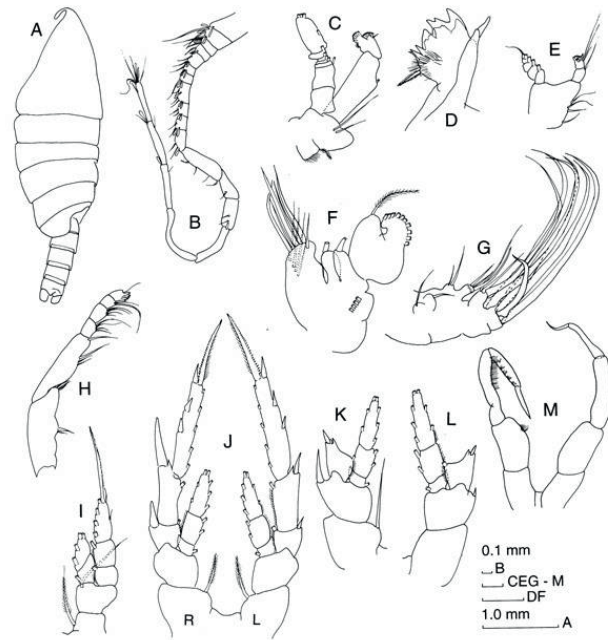
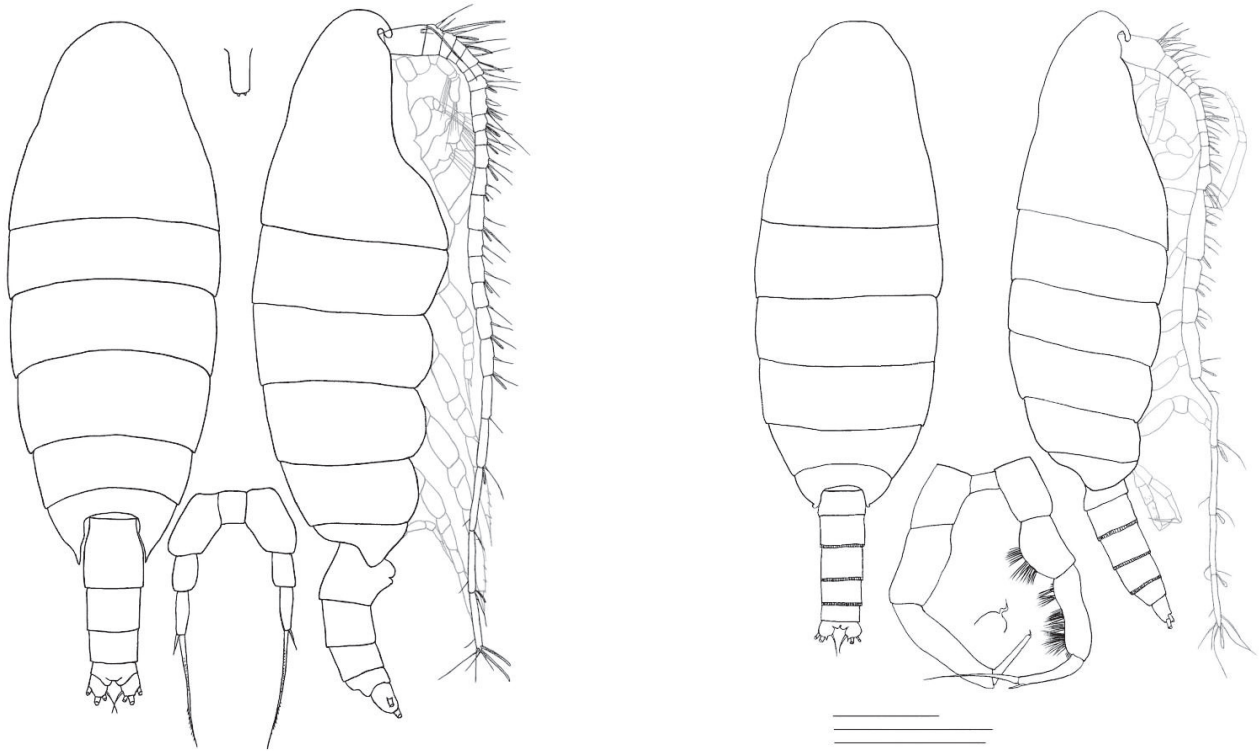


fig. 5

*Temorites elongata* G.O. Sars, 1905

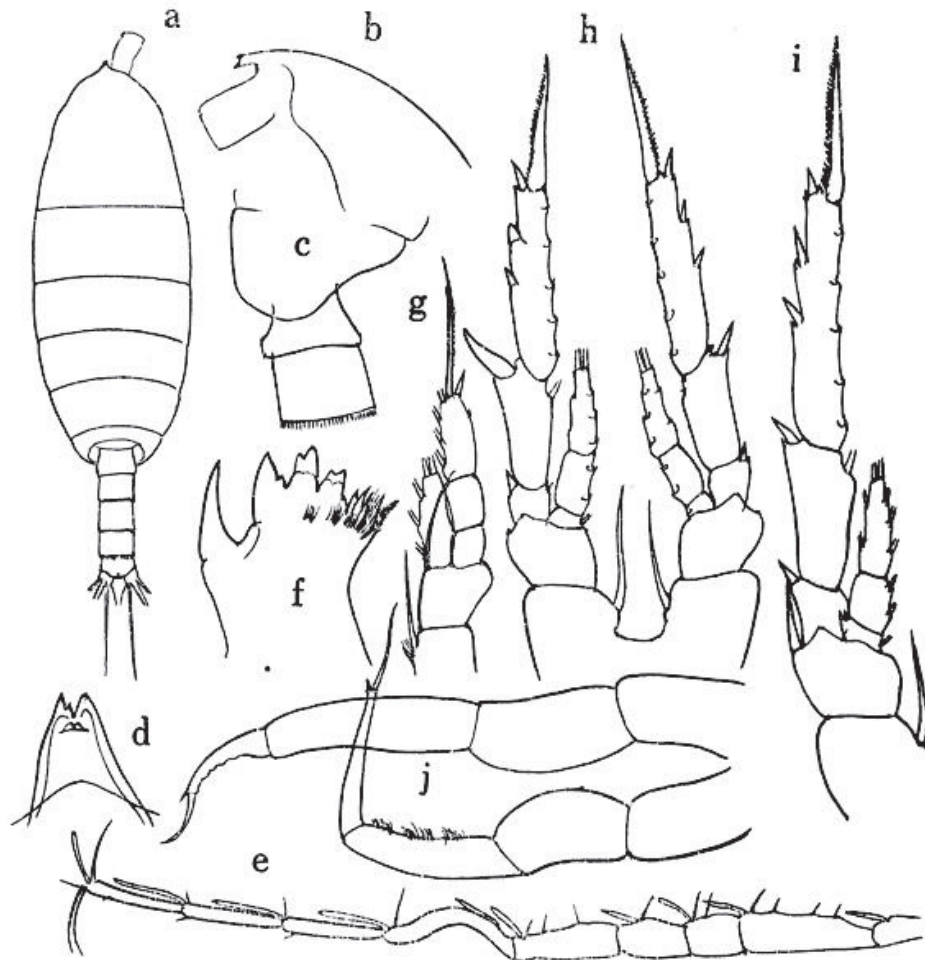
Bradford-Grieve, 1999: Fig. 4. Female. A. habitus (lateral); B. antennule; C. antenna; D. mandibular blade; E. mandibular palp; F. maxillule; G. maxilla; H. maxilliped; I-M. legs 1–5. Fig. 5. Male. A. habitus (laterodorsal); B. right antennule; C. antenna; D. mandibular blade; E. mandibular palp; F. maxillule; G. maxilla; H. maxilliped; I-L. legs 1–4; M. 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 May 24, 2020].

*Temorites elongata* G.O. Sars, 1905*Temorites elongata* G.O. Sars, 1905

Original. *Temorites elongata* G.O. Sars, 1905, Female, 5.64 mm, South China Sea (16°40.8'N, 138°54.0'E 2000 m), a/b. habitus (dorsal/lateral); c. rostrum (anteroventral) d. leg 5. Male, 5.84 mm, South China Sea (9°29'N, 114°42'E, 2438 m), a/b. habitus (dorsal/lateral); c. leg 5 (posterior); d. tip of distal segment.

*Temorites longicornis* (Tanaka, 1965) (Size: female, Unknown; male: 5.18 mm)



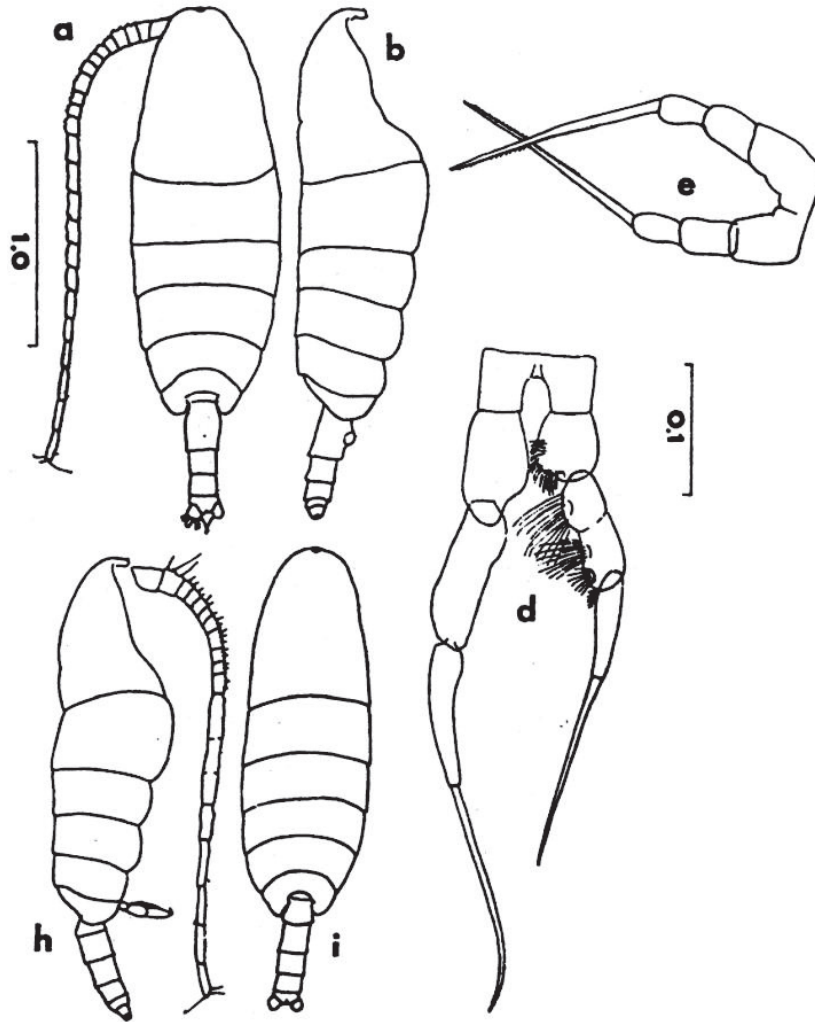
*Temorites longicornis* (Tanaka, 1965)

Tanaka, 1965: Fig. 242. Male. a. habitus (dorsal); b. forehead (lateral); c. pedigeron 5 & urosomites 1 & 2 (lateral); d. rostrum (dorsal); e. right antennule; f. mandible gnathobase; g-i. legs 1–3; j. 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 25, 2021].



*Temorites minor* (Wolfenden, 1906) (Size: female, 2.50–2.80 mm; male, 2.30–2.51 mm)

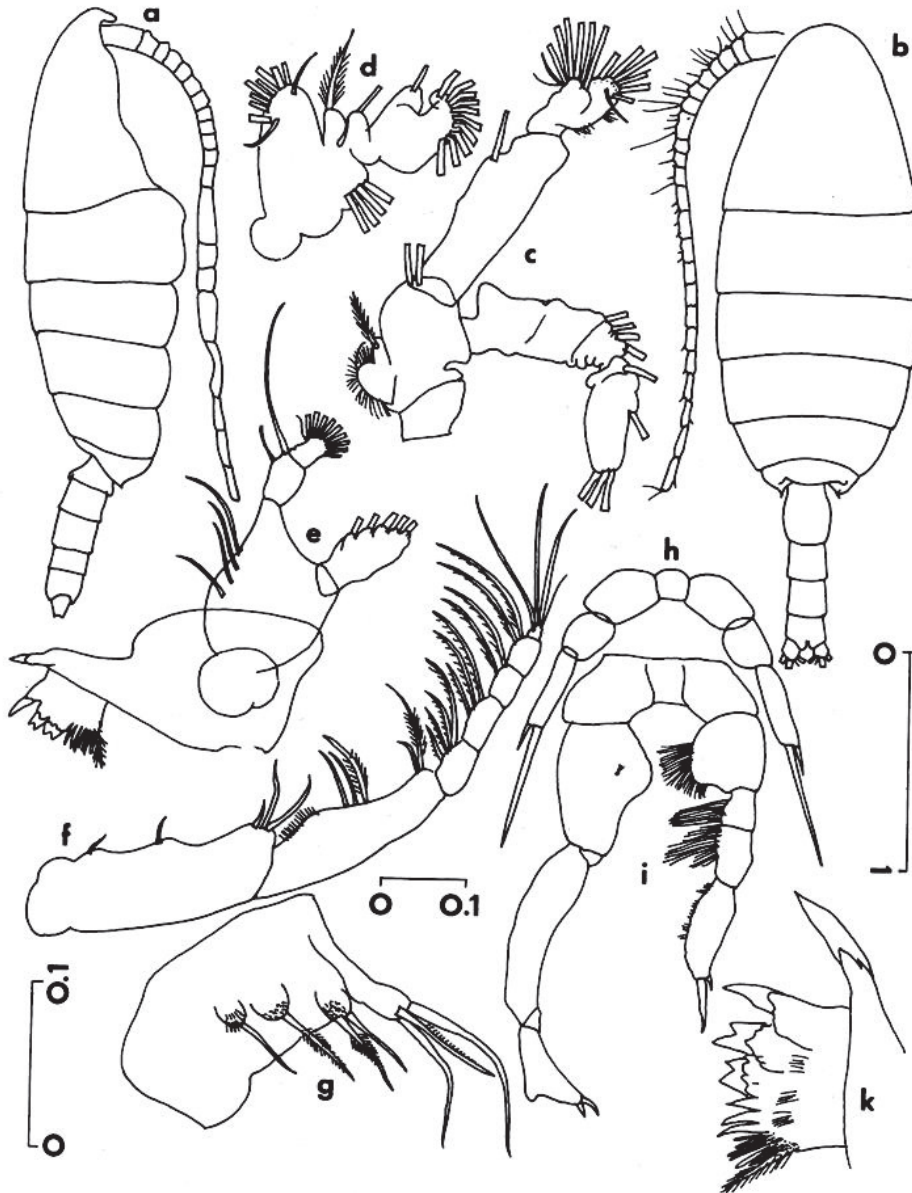


*Temorites minor* (Wolfenden, 1906)

Deevey, 1973: Fig. 3. Female. a/b. habitus (dorsal/lateral); e. leg 5. Male. d. leg 5 (anterior); h/i. habitus (dorsal/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 25, 2020].

*Temorites sarsi* (Grice & Hülsemann, 1967) (Size: female, 2.60–3.04 mm; male, 2.74–3.04 mm)



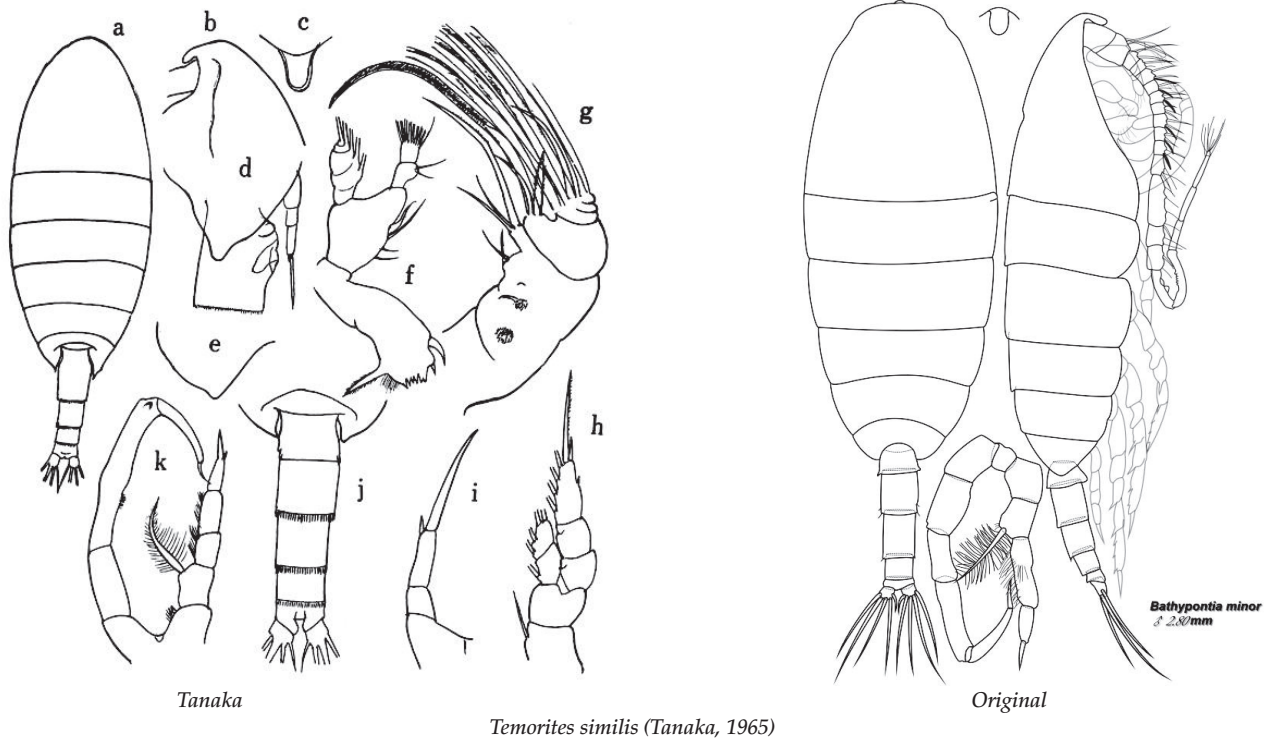
*Temorites sarsi* (Grice & Hülsemann, 1967)

Deevey, 1967: Fig. 8. Female. a/b. habitus (lateral/dorsal); c. antenna; d. maxillule; e. mandible; f. maxilliped; g. syncoxa of maxilla; h. leg 5; k. mandible gnathobase. Male. a. habitus (lateral); i. 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 25, 2021].



*Temorites similis* (Tanaka, 1965) (Size: female, 2.60–3.12 mm; male, unknown)

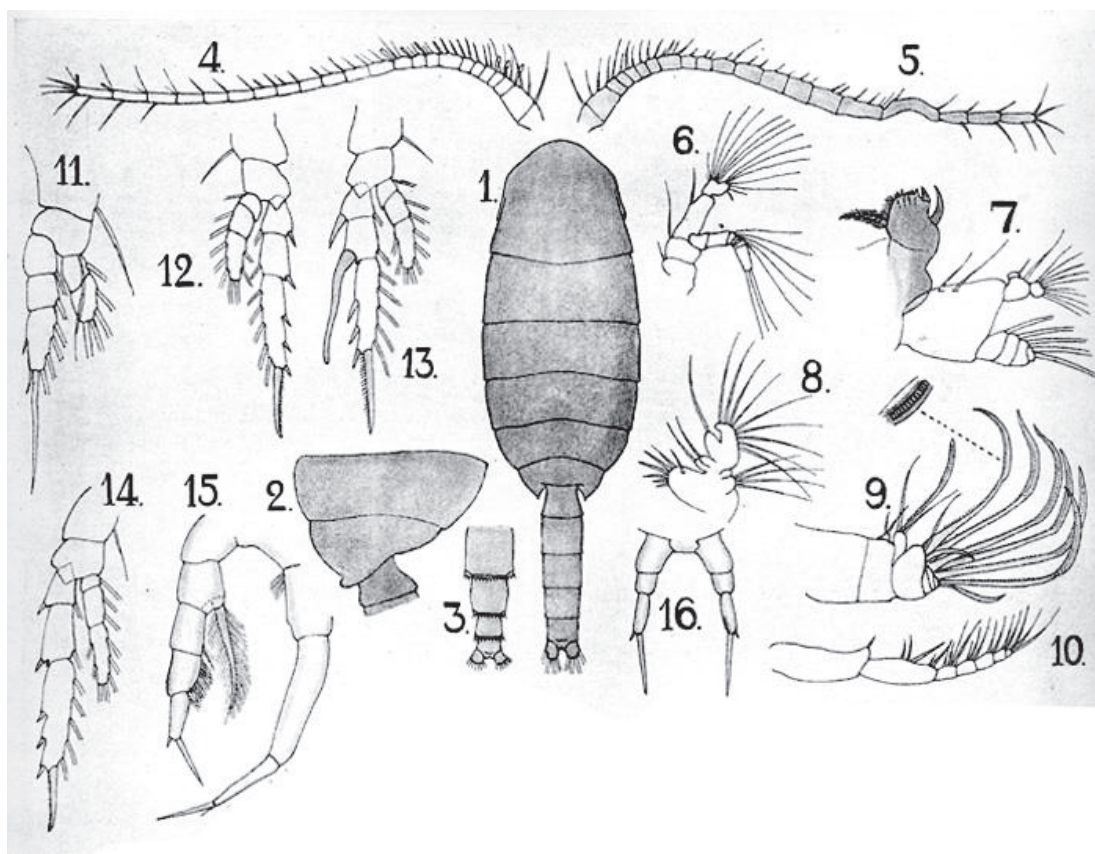


Tanaka, 1965: Fig. 241. Female. a. habitus (dorsal); b. forehead (lateral); c. rostrum (frontal); d. pediger 5 & genital double-somite (lateral); e. posterior corner of prosome (left lateral); f. mandible; g. maxilla; h. leg 1; i. leg 5. Male. j. pediger 5 & urosome (dorsal); k. leg 5 (posterior).

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 May 25, 2021].

Original. *Temorites similis* (Tanaka, 1965), Male, 2.80 mm., South China Sea, 6°46'N, 112°43'E, 1200 m. a/b. habitus (dorsal/lateral); c. rostrum (anteroventral); leg 5 (anterior).

*Temorites spinifera* (A. Scott, 1909) (Size: female, 3.30 mm; male, 2.60–3.00 mm)



*Temorites spinifera* (A. Scott, 1909)

Scott, 1909: pl. 3. Female. 3. urosome (dorsal); 4. antennule; 6. antenna; 7. mandible; 8. maxillule; 9. maxilla; 10. maxilliped; 11. leg 1; 12. leg 2; 14. leg 4; 16. leg 5. Male. 1. habitus (dorsal); 2. pedigers 4/5 & urosomite 1 (lateral); 5. right antennule; 13. leg 2; 15. 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 May 25, 2021].