



Key to the species of Tharybidae Neoscolecithrix occurring in the China Seas

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REVIEW-TAXONOMIC INDEX

Key to the species of Tharybidae *Neoscolecithrix* occurring in the China Seas

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Neoscolecithrix japonica(2a/f), *koehleri*(2b/f) (Male not available)

| | | |
|-------|---|---------------------------------|
| 1a | Female | 2 |
| 1b | Male | 3 |
| 2a/1a | Leg 5 asymmetrical and thin, right leg slightly longer than left leg, terminal segment length 7 times width | <i>Neoscolecithrix japonica</i> |
| 2b | Leg 5 strong and symmetrical, terminal segment length 3 times width | <i>Neoscolecithrix koehleri</i> |

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Neoscolecithrix japonica Ohtsuka, Boxshall et Fosshagen, 2003 (Size: female, 3.23–3.33 mm; male, 3.31–3.41 mm)

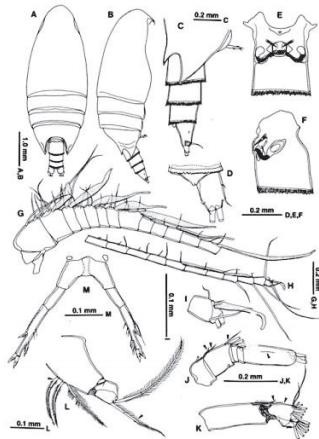


Fig. 4

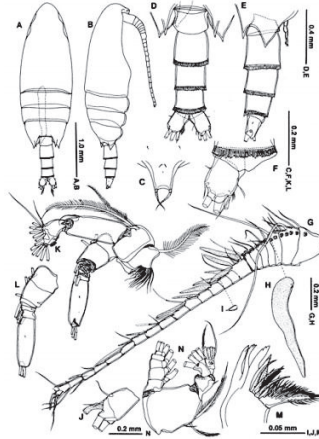


Fig. 1

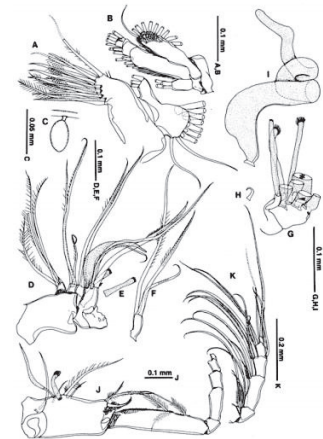


Fig. 2

Neoscolecithrix japonica Ohtsuka, Boxshall et Fosshagen, 2003

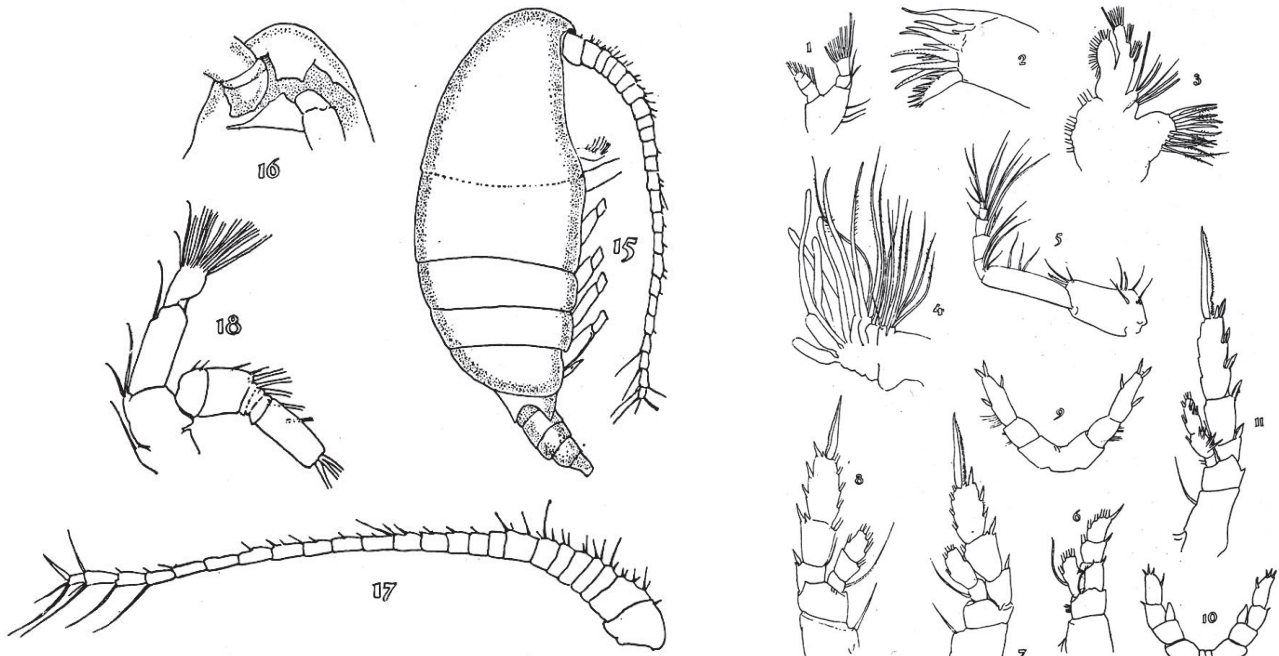
Ohtsuka, Boxshall & Fosshagen, 2003: Fig. 4. Female (from Ie Island, Okinawa): A/B, habitus (dorsal/lateral); C, Prosomal end and urosome (lateral); D, anal somite and left caudal ramus (ventral); E/F, genital double-somite (ventral/lateral); G, antennule, segments 1 to 13; H/I, antennule, segments 14 to 24; J, antenna exopod; K, antenna endopod; L, mandibular palp; M, leg 5 (anterior).

Ohtsuka, Boxshall & Fosshagen, 2003: Fig. 1. Male: A/b, habitus (dorsal/lateral); C, rostrum; D/E, prosomal ends and urosome (dorsal/lateral); F, anal somite and right caudal ramus (ventral); G, antennule; H, distal large aesthetasc on 3rd segment of antennule (ancestral V); I, spiniform element on 9th segment of antennule (ancestral XIII); J, distal compound segment of antennule (ancestral XXVII-XXVIII); K, antennule; L, exopod of A2; M, masticatory edge; N, mandibular palp).

Ohtsuka, Boxshall & Fosshagen 2003: Fig. 2. Male: A, maxillule (praecoxa and coxa); B, maxillule (basis and rami); C, phoront of apostome ciliate (?) on maxillulary seta; D, maxilla (elements on 2nd coxal endite and endopod omitted); E, brush-like sensory seta on 1st coxal endite of maxilla; F, 2nd coxal endite of maxilla; G, endopod of maxilla; H, rudimentary element on endopod of maxilla; I, largest vermiform sensory seta of endopod of maxilla; J, maxilliped (setae on endopod omitted); K, endopod of maxilliped.

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 29, 2021].

Neoscolecithrix koehleri Canu, 1896 (Size: female, 3.00–4.00 mm; male, 3.50–4.00 mm)



Pl. 10

Pl. 11

Neoscolecithrix koehleri Canu, 1896

Farran, 1905: pl. 10. *Neoscolecithrix japonica* Ohtsuka, Boxshall & Fosshagen, 2003, Female. 15. habitus (lateral); 16. rostrum (ventral); 17. antennule; 18. antenna. Pl. 11. 1. mandibular palp; 2. mandible cutting edge; 3. maxillule; 4. maxilla; 5. maxilliped; 6–8. legs 1–3; 9. leg 5; 10. leg 5 (from another specimen); 11. leg 2.

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 11, 2021].