



Key to the species of Paracalanidae Acrocalanus occurring in the China Seas

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REVIEW-TAXONOMIC INDEX

Key to the Species of Paracalanidae *Acrocalanus* Occurring in the China Seas

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Acrocalanus andersoni(4b/8a/f), *gibber*(5a/9a/f), *gracilis*(5b/7a/f), *longicornis*(4a/9b/f), *monachus*(2a/7b/f)

1a	Female	2
1b	Male	6
2a/1a	Anterior cephalosome prolonged, in lateral view almost square in outline, in dorsal view nearly triangular in shape.....	<i>Acrocalanus monachus</i>
2b	Anterior cephalosome in lateral and dorsal views rounded or nearly rounded	3
3a/2b	Antennule reaching beyond caudal rami by its last 5 segments. Leg 4: exopod segment 3 with numerous (>14) very small teeth on outer distal border.....	4
3b	Antennule reaching beyond caudal rami by its last 4 or less segments. Leg 4: exopod segment 3 with less number (<13) and larger teeth on outer distal border.....	5
4a/3a	Leg 4: length ratio of exopod segment 3/segment 2 larger than 1.80; 17–19 teeth on proximal outer border of segment 3.....	<i>Acrocalanus longicornis</i>
4b	Leg 4: length ratio of exopod segment 3/segment 2 smaller than 1.60; 22–26 teeth on proximal outer border of segment 3	<i>Acrocalanus andersoni</i>
5a/3b	Dorsal profile of cephalosome narrowed anteriorly. Antennule reaching beyond caudal rami by its last 2 segments. Leg 4: length ratio of exopod segment 3/segment 2 smaller than 1.50; exopod segment 3: proximal toothed outer border about 1.6 times the length of distal toothed outer border	<i>Acrocalanus gibber</i>
5b	Dorsal profile of cephalosome evenly rounded. Antennule reaching beyond caudal rami by its last 3 or 4 segments. Leg 4: length ratio of exopod segment 3/segment 2 larger than 1.8; exopod segment 3: proximal toothed outer border about 1.2 times the length of distal toothed outer border	<i>Acrocalanus gracilis</i>
6a/1b	Pedigerous somites 4 and 5 fused.....	7
6b	Pedigerous somites 4 and 5 separate.....	8
7a/6a	Leg 5: terminal segment length 3.5 times width, outer distal corner without spinous process.....	<i>Acrocalanus gracilis</i>
7b	Leg 5: terminal segment length 2 times width, outer distal corner with a spinous process	<i>Acrocalanus monachus</i>
8a/6b	Leg 5: length ratio of segment 3/segment 4 (inner margin) smaller than 1.2	<i>Acrocalanus andersoni</i>
8b	Leg 5: length ratio of segment 3/segment 4 (inner margin) larger than 1.3.....	9
9a/8b	Leg 5: segment 4 with laterodistal process longer than one-third of the segment; segment 5 without tuft of hairs near outer border	<i>Acrocalanus gibber</i>
9b	Leg 5: segment 4 with laterodistal process about one-tenth of the segment in length; segment 5 with a tuft of hairs near outer border	<i>Acrocalanus longicornis</i>

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Acrocalanus andersoni Bowman, 1958 (Size: female, 0.95–1.30 mm; male, 0.99–1.20 mm)

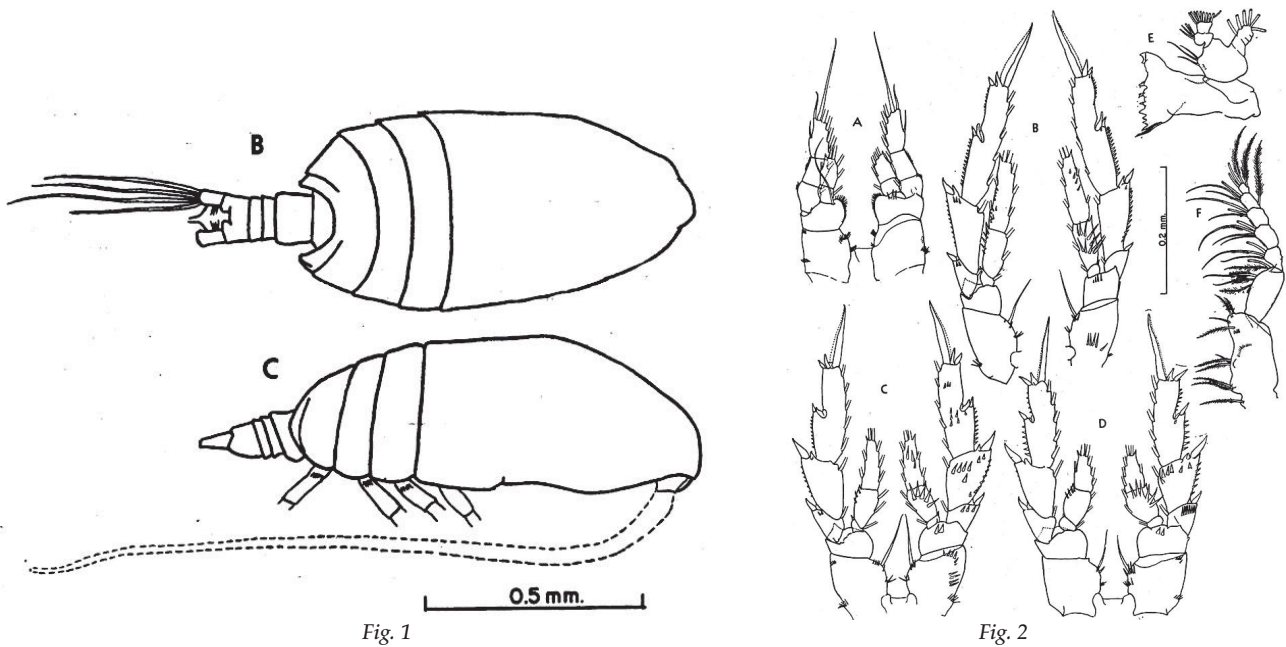
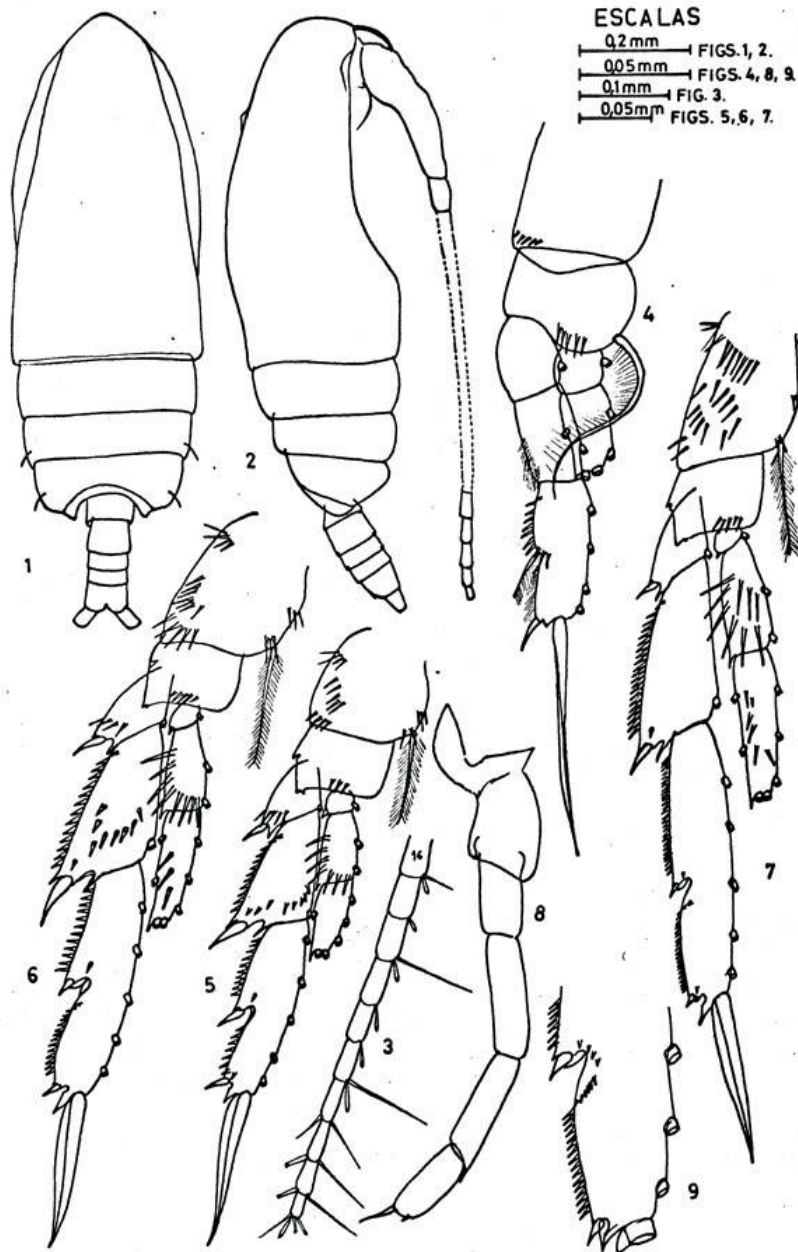


Fig. 1

Acrocalanus andersoni Bowman, 1958

Fig. 2

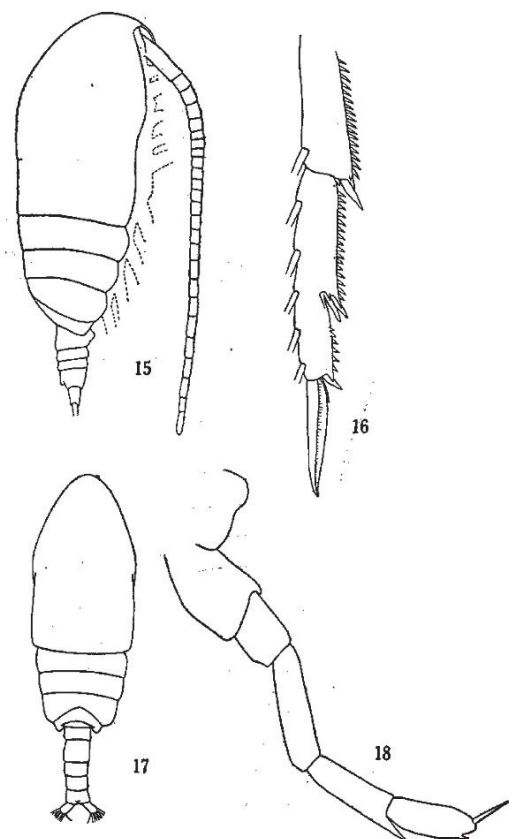
Bowman, 1958: Fig. 1. *Acrocalanus andersoni* Bowman, 1958, Female. B/C. habitus (dorsal/lateral). Fig. 2. Female. A/B/C/D. leg 1/4/3/2 (anterior surface on left/posterior surface on right); E. mandible; F. maxilliped. Adapted from Razouls C., de Bovée F., Kouwenberg J. and Desreumaux N., 2005–2020. Diversity and Geographic Distribution of Marine Planktonic Copepods. Sorbonne University, CNRS. Available at <http://copepodes.obs-banyuls.fr/en> [Accessed May 05, 2021].

Acrocalanus andersoni Bowman, 1958*Acrocalanus andersoni* Bowman, 1958

Corral Estrada, 1970: pl. 24. *Acrocalanus andersoni* Bowman, 1958, Male. 1/2. habitus (dorsal/lateral); 3. distal segments of antennule; 4–8. leg 1–5; 9. Leg 4, distal exopod segment (another specimen).

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 07, 2021].

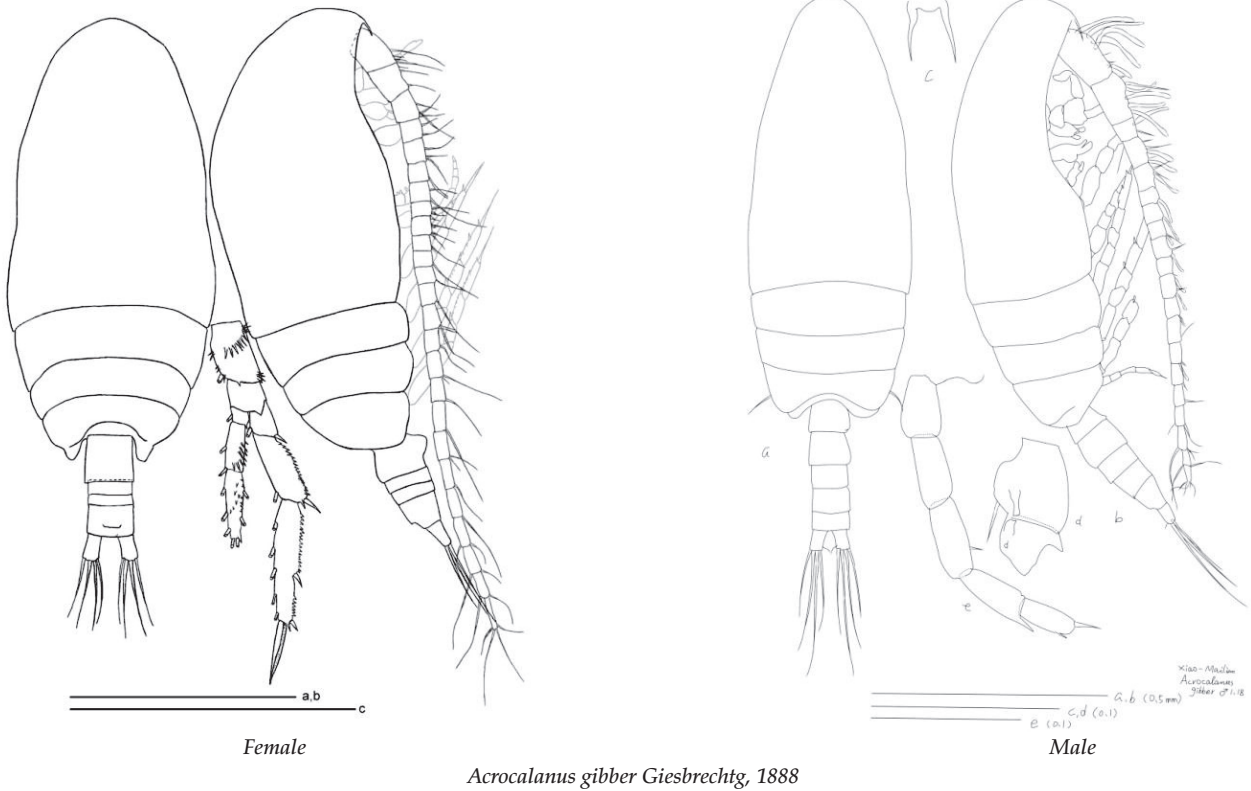
Acrocalanus gibber Giesbrecht, 1888 (Size: female, 0.74–1.28 mm; male, 0.85–1.40 mm)



Acrocalanus gibber Giesbrecht, 1888

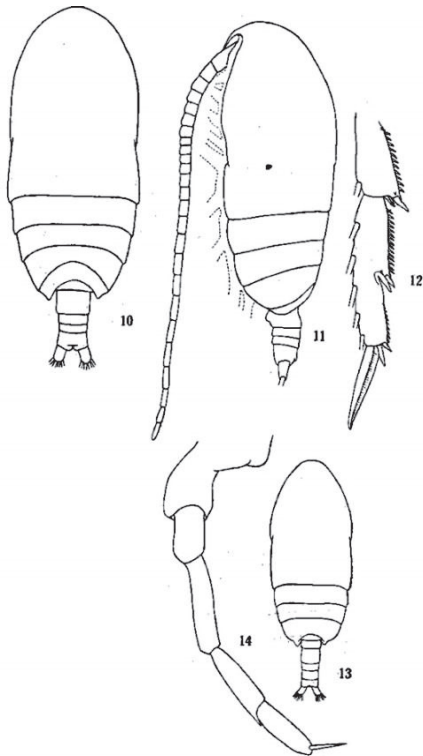
Chen & Zhang, 1965: pl.10. *Acrocalanus gibber* Giesbrecht, 1888, Female (from East China Sea): 15. habitus (lateral); 16. distal segments of exopod of P4 (posterior). Male. 17. habitus (dorsal); 18. Leg 5 (posterior).

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 05, 2021].

Acrocalanus gibber Giesbrecht, 1888

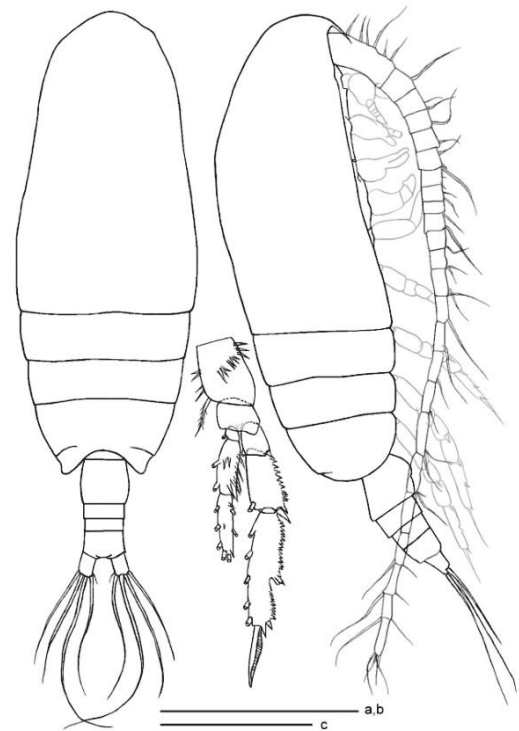
Original. As *Paracalanus gibber* Giesbrecht, 1888 **Female**, 1.18 mm, Taiwan Strait (23°45'N, 119°57'E): a/b. habitus (dorsal/lateral); c. right leg 4, posterior. Scales: a, b = 0.5 mm; c = 0.5 mm. **Male**, 1.16 mm, east of Taiwan (24°18'N, 121°46'E): a/b. habitus (dorsal/lateral). Scales: a, b = 0.25 mm; c. rostrum (ventral); d. leg 2: coxa and basis (anterior); e. leg 5. Scales: a, b = 0.5 mm; c = 0.1 mm; d = 0.2 mm; e. 0.1 mm.

Acrocalanus gracilis Giesbrecht, 1888 (Size: female, 0.80–1.80 mm; male, 0.80–1.36 mm)



Chen & Zhang

Acrocalanus gracilis Giesbrecht, 1888



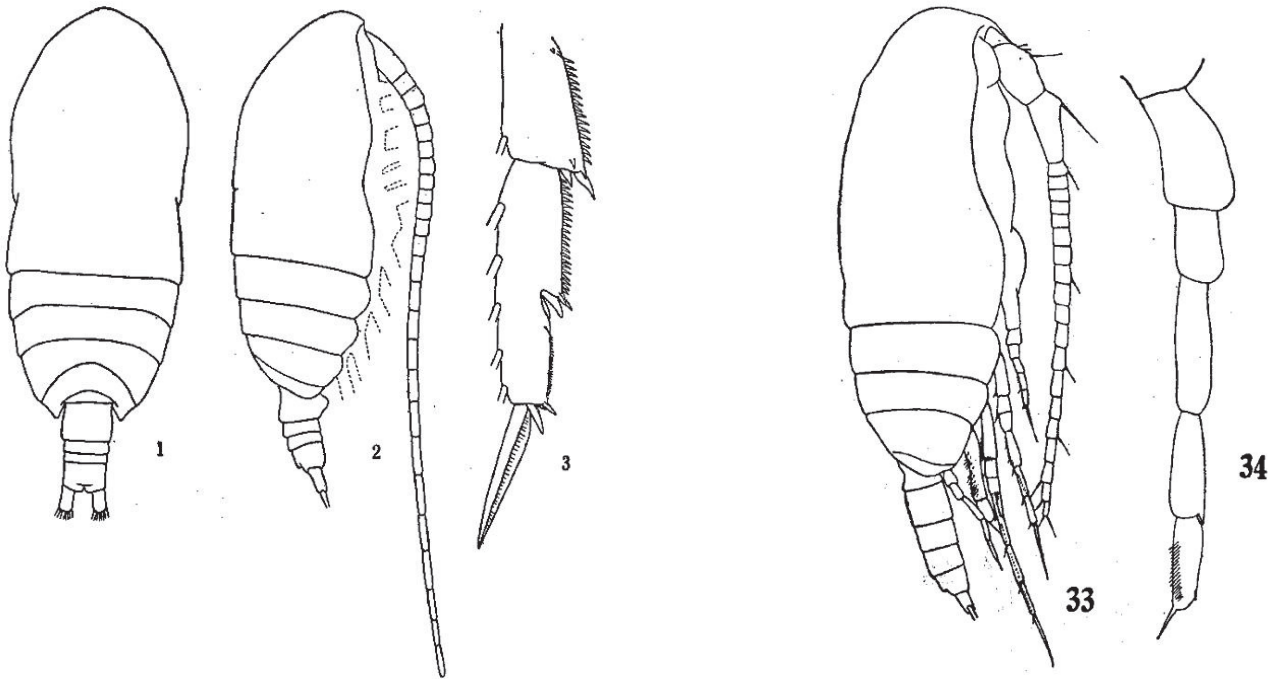
Original

Chen & Zhang, 1965: pl. 10. *Acrocalanus gracilis* Giesbrecht, 1888, Female (from East China Sea). 10/11. habitus (dorsal/lateral); 12. leg 4, distal exopod segments (posterior). Male. 13. habitus (dorsal); 14. 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 05, 2021].

Original. *Acrocalanus gracilis* Giesbrecht, 1888, Female, 1.40 mm, East of Taiwan (24°18'N, 121°46'E): a/b. habitus; (dorsal/lateral); c. right leg 4 (posterior).

Acrocalanus longicornis Giesbrecht, 1888 (Size: female, 0.94–1.55 mm; male, 0.90–1.40 mm)



Chen & Zhang, 1965

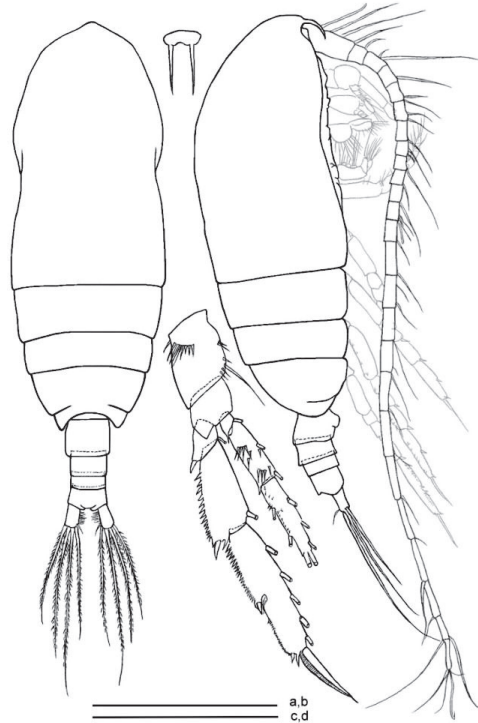
Acrocalanus longicornis Giesbrecht, 1888

Chen & Zhang, 1974

Chen & Zhang, 1965: pl.11. *Acrocalanus longicornis* Giesbrecht, 1888, Female: 1/2. habitus (dorsal/lateral); 3. Leg 4, exopod segments 2 & 3 (posterior).

Chen & Zhang, 1974: pl.3. *Acrocalanus longicornis* Giesbrecht, 1888, Male (from South China Sea): 33. habitus (lateral); 34. 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 06, 2021].

Acrocalanus longicornis Giesbrecht, 1888*Acrocalanus longicornis* Giesbrecht, 1888

Original. *Acrocalanus longicornis* Giesbrecht, 1888 *Acrocalanus longicornis* Giesbrecht, 1888, Female, 1.36 mm, East of Taiwan (24°18'N, 121°46'E): a/b. habitus (dorsal/lateral); c. rostrum (ventral); d. right leg 4 (posterior). Scales: a, b = 0.50 mm; c, d = 0.25 mm.

Acrocalanus monachus Giesbrecht, 1888 (Size: female, 0.88–1.10 mm; male, 0.79–0.98 mm)

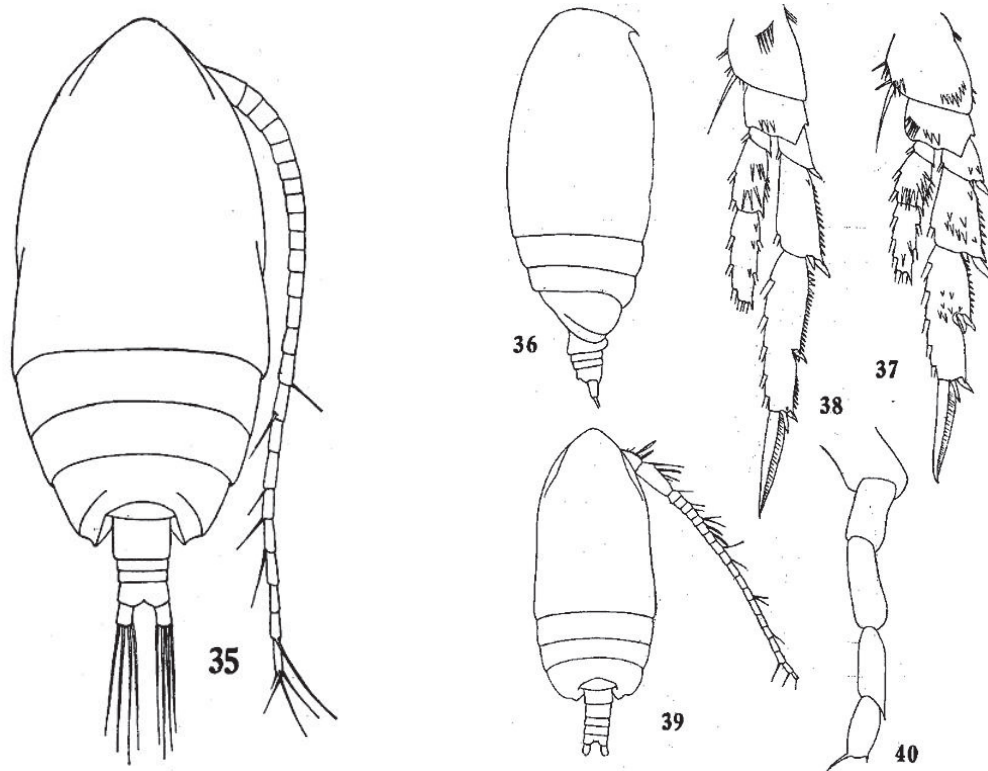


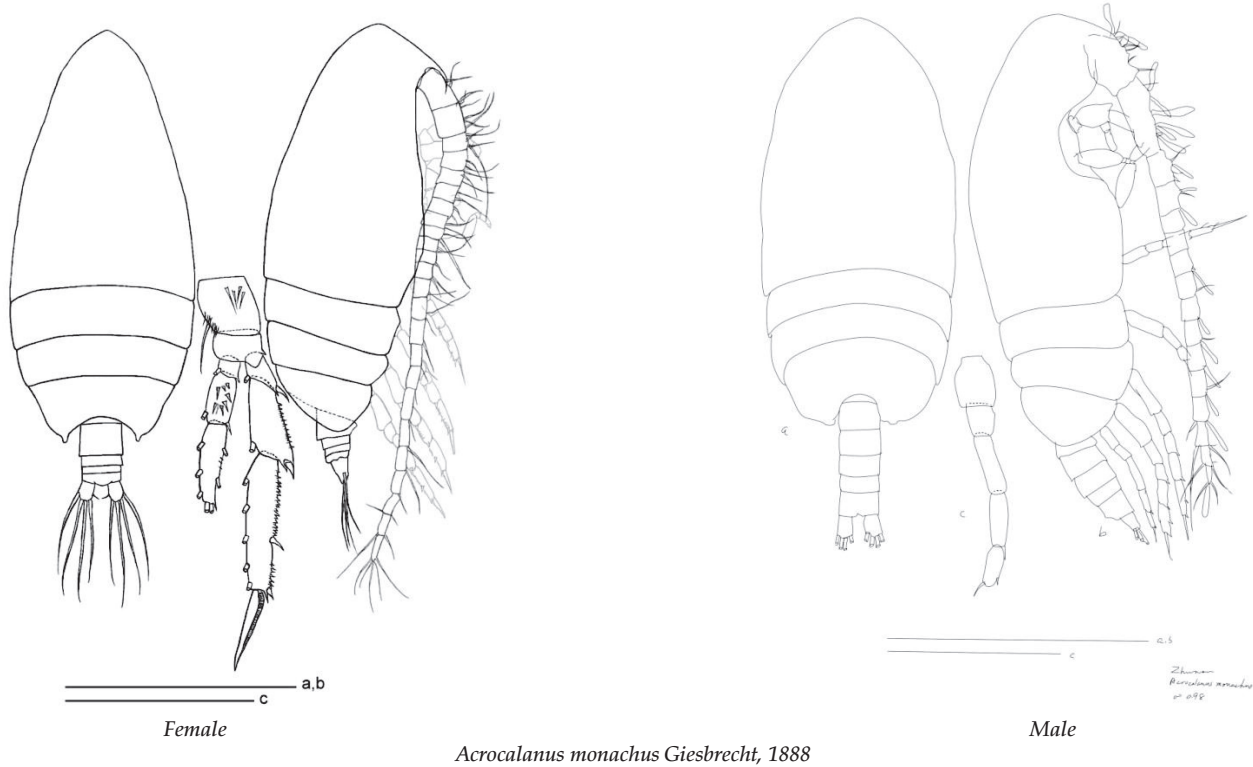
Fig. 35

Acrocalanus monachus Giesbrecht, 1888

Figs. 36-40

Chen & Zhang, 1974: pl. 3. Fig. 35, *Acrocalanus monachus* Giesbrecht, 1888, Female (from South China Sea). Figs. 36–40. 35/36. habitus (dorsal/lateral); 37/38. leg 3/4. Male. 39 habitus (dorsal); 40. 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 07, 2021].

Acrocalanus monachus Giesbrecht, 1888

Original. *Acrocalanus monachus* Giesbrecht, 1888. **Female**, 1.02 mm, East of Taiwan (24°18'N, 121°46'E): a/b. habitus (dorsal/lateral); c. right leg 4. Scales: a, b = 0.50 mm; c = 0.25 mm. **Male**, 0.98, Taiwan Strait (24°47'N, 120°53'E): a/b. habitus (dorsal/lateral); c. leg 5 (posterior). Scales: a, b = 0.50 mm; c = 0.20 mm.