Key to the species of Scolecitrichidae Lophothrix occurring in the China Seas

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Key to the Species of Scolecitrichidae *Lophothrix* Occurring in the China Seas

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*Lophothrix frontalis* (2a/3a/f), *latipes* (2b/3b/f)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>Female ........................................................................................................... 2</td>
</tr>
<tr>
<td>1b</td>
<td>Male ............................................................................................................... 3</td>
</tr>
<tr>
<td>2a</td>
<td>Anterior profile of cephalosome in lateral view narrowly rounded. Rostrum: filaments minute, nipple-like. Leg 5: segments 2 and 3 longer than wide ...................................................................................... Lophothrix frontalis</td>
</tr>
<tr>
<td>2b</td>
<td>Anterior profile of cephalosome in lateral view broadly rounded. Rostrum with filaments as long as the proper. Leg 5: segments 2 and 3 shorter than wide..................................................................................... Lophothrix latipes</td>
</tr>
<tr>
<td>3a</td>
<td>Right leg 5: endopod reaching beyond basis of right leg 5. Right leg 5: endopod longer than exopod... Lophothrix frontalis</td>
</tr>
<tr>
<td>3b</td>
<td>Right leg 5: endopod short of reaching distal margin of basis; right leg 5: exopod longer than endopod... Lophothrix latipes</td>
</tr>
</tbody>
</table>

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Lophothrix frontalis Giesbrecht, 1895 (Size: female, 4.75–7.40 mm; male, 4.50–6.00 mm)

Sars, 1924: pl. 45. Female. 9/10. habitus (dorsal/lateral); 11. forehead (lateral); 12. rostrum (frontal); 13. antenna; 14. mandible; 15. maxillule; 16. maxilla; 17. maxilliped; 18–20. leg 1–3; 21. leg 5. Pl. 46. Male. 1. habitus (lateral); 2. rostrum; 3. mandible; 4. maxillule; 5. maxilla; 6. maxilliped; 7. leg 5 (posterior).

*Lophothrix frontalis* Giesbrecht, 1895

Original. *Lophothrix frontalis* Giesbrecht, 1895. **Female**, 5.88 mm, South China Sea (9°29′N, 114°42′E, 2438 m): a/b. Habitus (dorsal/lateral); c. left leg 5 (posterior). Scales: a, b = 1.0 mm; c = 0.2 mm. **Male**, 5.20 mm, South China Sea (9°30′N, 114°08′E, 2000 m): a/b. Habitus (dorsal/lateral); c. leg 5 (posterior). Scales: a, b = 1.0 mm; c ~ 0.5 mm.
Lophothrix latipes (T. Scott, 1894) (Size: female, 2.65–3.30 mm; male, 2.96–3.19 mm)

Sars, 1924: pl. 46. Female. 8/9. habitus (dorsal/lateral); 10. forehead (lateral); 11. rostrum; 12. leg 2; 13. leg 3 endopod; 14. leg 5.

Roe, 1975: Fig.10. Male (NE Atlantic): a. habitus (dorsal); b. forehead and rostrum (lateral); c. pedigers 4 & 5 (lateral); d. antenna; e. mandibular palp; f. maxillule; g. maxilla; h. maxilliped; i-m. legs 1–5; n. right leg 5 last exopod segment; o. left leg 5 (terminal exopod segments); p. left leg 5 last endopod segment. Bar scale 0.1 mm unless otherwise indicated.