

First pair of antennæ thick, scarcely tumid (♂ with multiarticulate flagellum). Second pair of antennæ almost similar to the first pair, not angulated, fixed at the anterior side of the head. Mandibles with palp. Seventh pair of pereopoda not transformed [*Fifth Peræopods* normal]. Uropoda normal."

The genera included in the family by Bovallius<sup>1</sup> are *Hyperia*, *Iulopsis*, *Hyperoche*, *Tauria*, *Hyperielli*, *Parathemisto*, *Euthemisto*, *Themistella*, and *Phronimopsis*. Of Dana's *Tauria*, however, Bovallius does not appear to have seen any examples, so that its validity as an independent genus remains more or less conjectural. *Phronimopsis* is withdrawn from the family Phronimidæ, in which Claus placed it, probably on account of the shortness of the head and the possession of a palp by the mandibles. *Cyllopus* and *Cystisoma*, which Claus alludes to as included among the Hyperidæ, are transferred to two separate families by Bovallius.

Genus *Phronimopsis*, Claus, 1878.

1878. *Phronimopsis*, Claus, Zool. Anzeiger, Jahrg. i. No. 12, p. 269.  
 1879.        "        Claus, Der Organismus der Phronimiden, p. 5.  
 1881.        "        E. von Martens,<sup>2</sup> Zool. Record for 1879, Crustacea, p. 33.  
 1885.        "        Carus, Prodrömus Faunæ Mediterraneæ, pars ii. p. 424.  
 1886.        "        Gerstæcker, Bronn's Klassen und Ordnungen, Bd. v. Abth. ii. p. 489.  
 1887.        "        Bovallius, Systematical List of Amph. Hyper., Bihang till K. Svensk. Vetensk. Akad. Handl., Bd. 11, No. 16, p. 23.

For the original definition of the genus, see Note on Claus, 1879 (p. 488). Bovallius in 1887 removed it, without giving any fresh definition, from the family Phronimidæ, in which it was placed by Claus, and made it the ninth genus of the family Hyperiidæ. As the genus now includes three species, the definition may be modified as follows:—

*Antennæ* of both pairs having multiarticulate flagella in the male, but not in the female.

*Mandibles* with dentate cutting edge, a secondary plate on the left mandible, a molar tubercle, and, in the male, a three-jointed palp.

The *First Gnathopods* simple, with hairy finger; the *Second Gnathopods* chelate.

The *Peræopods* slender, all narrowly subchelate.

*Uropods* with long narrow peduncles and narrowly lanceolate rami.

*Telson* small.

The *Head* short and deep; branchial vesicles attached to the second, third, and fourth pairs of peræopods.

There are in the heart of *Phronimopsis spinifer*, Claus says, three pairs of venous ostia.

<sup>1</sup> Systematical List of the Amphipoda Hyperiidæ.

<sup>2</sup> The index suggests the form *Phronimatopsis*.