

64° 37' S. To the range which they show from east to west there are only two localities to be added from earlier sources, namely, the waters of the Pacific off Chili, in which Guérin's type specimen was obtained, and the Atlantic, lat. 8° S., long. 46° E., which White gives for his *Primno guerinii*.

Family PHORCIDÆ, Spence Bate, 1862.

Spence Bate in 1862 established the Phorcidæ as the fourth family of the division Hyperina, placing it between the family Platyscelidæ and the family Oxycephalidæ; in the definition of the family he includes the character "third pair of pereopoda imperfectly developed," but as all the joints of the third peræopods are present, and some of them of unusual length, the mere fact of their tenuity can scarcely be described as imperfect development. Bovallius in 1887 gives the following diagnosis:—

"Head nearly globular, a little tumid, deeper than the body. Eyes occupying the lower parts of the sides or the whole sides of the head. First pair of antennæ fixed at the anterior side of the head; first joint of flagellum tumid, the rest subterminal. Second pair few-jointed, short, not angularly folded, fixed at the inferior side of the head. Mandibles with palp (in the males), or wanting palp (in the females). Seventh pair of pereopoda [*Fifth Peræopods*] reduced. Peduncles [*?uropods*] normal."

As far as I know, no description distinctly referring to the mandibles of the female in any species of this family has yet been published.

Genus *Phorcorrhaphis*, n. n. (*Phorcus*, Milne-Edwards, 1830).¹

1830. *Phorcus*, Milne-Edwards, Ann. d. Sci. Nat., t. xx. pp. 385, 391 (extr., pp. 34, 40).
 1837. „ Burmeister, Handbuch der Naturgeschichte, Abth. ii., Zool.
 1838. „ Milne-Edwards, Hist. Nat. des Anim. sans vertèbres, t. v.
 1840. „ Lucas, Hist. Nat. des Crust., Arachn. et Myriap., p. 235.
 1840. „ Milne-Edwards, Hist. Nat. des Crust., t. iii. p. 79.
 1852. „ Dana, Amer. Journ. Sci. and Arts, ser. 2, vol. xiv. No. 41.
 1852. „ Dana, U.S. Explor. Exped., vol. xiii. pt. ii. pp. 1000, 1006, 1442.
 1862. „ Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 339.
 1886. „ Gerstaecker, Bronn's Klassen und Ordnungen, Bd. v. Abth. ii. p. 485.
 1887. „ Bovallius, Systematical List of Amph. Hyper., Bihang till K. Svensk. Vetensk.-
 Akad. Handl., Bd. 11, No. 16, p. 28.
 1887. „ Claus, Die Platysceliden, p. 66.

For the original definition of the genus, see Note on Milne-Edwards, 1830 (p. 142). The following descriptions of new species will show that the size of the second peræon-segment does not at any rate afford a generic character, and that the fourth peræopods

¹ *Phorcus* being preoccupied by Risso in 1826 for a genus of Mollusca, the name is altered to *Phorcorrhaphis*, from *Phorcus* and *ραφίς*, a needle, in reference to the needle-like third peræopod.