

Varuna, Milne Edwards.

- Varuna*, Milne Edwards, Dict. Class. d'Hist. Nat., vol. xvi. p. 511, 1830; Hist. Nat. Crust., vol. ii. p. 94, 1837; Ann. d. Sci. Nat., ser. 3, Zool., vol. xx. p. 176, 1853.
 ,, Kingsley, Proc. Acad. Nat. Sci. Philad., p. 205, 1880.
Trichopus, de Haan (subgenus), Crust. in v. Siebold, Fauna Japonica, decas ii. p. 32, 1835.

This genus is nearly allied to *Pseudograpsus*, but may be distinguished as follows:—The front and the antero-lateral teeth of the carapace are more prominent; the front nearly horizontal. The branchial regions of the carapace are laterally defined by a granulated line. The orbits are much deeper, and are widely open below. The exognath of the exterior maxillipedes (although rather broad) is much less developed. The chelipedes (in the male) are subequal and somewhat more slender; carpus with a spine on its interior surface. The fifth to the seventh joints of the ambulatory legs are ciliated, compressed, and somewhat dilated and adapted for swimming.

This genus contains but a single species, *Varuna litterata*, which occurs commonly throughout the Indo-Pacific region.

Varuna litterata (Fabricius).

- Cancer litteratus*, Fabricius, Entom. Syst. Suppl., p. 342, 1798.
Varuna litterata, Milne Edwards, Dict. Class. d'Hist. Nat., vol. xvi. p. 511, 1830; Hist. Nat. Crust., vol. ii. p. 95, pl. xiv. *bis*, fig. 8, 1837; Ann. d. Sci. Nat, *tom. cit.*, p. 176, 1853.
 ,, ,, Dana, U.S. Explor. Exped., vol. xiii., Crust., p. 336, pl. xx. fig. 8, 1852.
 ,, ,, Kingsley, *tom. cit.*, p. 205, 1880, and references to literature.

Philippines, Pasananca, Mindanao, in the rivers (a male); north coast of New Guinea (three males and three females); Banda, fresh water (a young male).

In these specimens the frontal margin is perfectly straight, and is less rounded at the lateral angles than is usual in the genus.

The colour (in spirit) is a deep chocolate-brown; on either side of the gastric region and in front of the branchial regions are three or four yellow spots.

	Lines.	Millims.
Length of carapace, nearly	21	44
Breadth of carapace,	23½	50

Epigrapsus, Heller.

- Epigrapsus*, Heller, Verhandl. d. k. k. zool.-bot. Gesellsch. Wien, vol. xii. p. 522, 1862.
 ,, Kingsley, Proc. Acad. Nat. Sci. Philad., p. 192, 1880.
Nectograpsus, Heller, Crust. in Reise der "Novara," p. 56, 1865.

Carapace depressed, smooth and polished on the dorsal surface, nearly quadrate, with the antero-lateral angles rounded and entire. Front of moderate width, deflexed; no