

Munida subrugosa (White).

- Galathea subrugosa*, White, List Crust. Brit. Mus., p. 66, 1847 (*sine descr.*).
 " " Cunningham, Trans. Linn. Soc. Lond. (Zool.), vol. xxvii. p. 495, 1871.
Munida subrugosa, Dana, U.S. Explor. Exped., vol. xiii., Crust., part i. p. 479, pl. xxx. fig. 7, 1852.
 " " Miers, Zool. "Erebus" and "Terror," Crust., p. 3, pl. iii. fig. 2, 1874; Catal. New Zealand Crust., p. 68, 1876.
 " " Targioni Tozzetti, Crost. "Magenta," p. 234, pl. xiii. fig. 5, 1877.
 " *gregaria*, Miers, "Alert," Crust., Proc. Zool. Soc. Lond., p. 73, 1881.
juv. (?) *Galathea gregaria*, Fabricius, Ent. Syst., t. ii. p. 473, 1793.
juv. (?) *Grimothea gregaria*, Leach, Dict. d. Sci. Nat., t. xviii. p. 50, 1820.
 " " Desmarest, Consid. sur les Crust., p. 188, 1825.
 " " Guerin,¹ Voy. "Coquille," Crust., pl. iii. fig. 1, 1830.
 " " Milne-Edwards, Hist. Nat. des Crust., t. ii. p. 277, 1837; in Cuvier, Règne Anim., éd. 3, Crust., pl. xlvii. fig. 2, no date.
 " " Dana, U.S. Explor. Exped., vol. xiii., Crust., part i. p. 483, pl. xxxi. fig. 1, 1852.
 " " Cunningham, Trans. Linn. Soc. Lond. (Zool.), vol. xxvii. p. 496, 1871.

Habitat.—Station 304, Port Otway, Patagonia; depth, 45 fathoms; bottom, green sand. Several young specimens with the total length of body varying from 10 mm. to 14 mm.

Station 305A, Messier Channel, Patagonia; depth, 125 fathoms; bottom, blue mud. An adult male and a young female.

Station 312, Port Famine, Patagonia; depth, 10 to 15 fathoms; bottom, blue mud. A large series of adult specimens.

Gray's Harbour, Patagonia. Several specimens from the stomach of a fish.

Station 315, Port William, Falkland Islands; depth, 5 to 12 fathoms; bottom, sand and gravel. Two adult males and a female, the latter with ova, also a young specimen measuring 13 mm. in total length.

Station 320, off Monte Video; depth, 600 fathoms; bottom, green sand. A male specimen in a very imperfect state of preservation.

Munida subrugosa is abundant in the Patagonian region; it occurs also at the Auckland Islands (White), in the New Zealand seas (Miers), and I am enabled to record the species from the South Atlantic and a variety from South Australia. It may be said, indeed, to represent *Munida rugosa* in the southern hemisphere. In the Catalogue of New Zealand Crustacea, and subsequently in a more recent work, Mr. E. J. Miers states his conviction that the so-called *Grimothea gregaria* is merely an immature stage of this species, a belief based on the facts that the two exhibit many points of similarity and occur in the same localities. The *Grimothea* is moreover apparently pelagic in habit, and it may be added that its general appearance favours the theory of immaturity. In spite

¹ Milne-Edwards regarded Guerin's figure as that of a distinct species, and applied the name *Grimothea "Duperrei"* to it.