

Pagurus calidus, Risso.

- Pagurus calidus*, Risso, Hist. Nat. de l'Eur. Mérid., t. v. p. 29, 1826.
 " " Roux, Crust. de la Médit., pl. xv., 1828.
 " " Milne-Edwards, Ann. d. Sci. Nat., sér. 2e, t. vi. p. 271, 1836; Hist. Nat. des Crust., t. ii. p. 220, 1837.
 " " Lucas, Anim. art. de l'Algér., Crust., p. 29, 1849.
 " *calidus*, White, Catal. Crust. Brit. Mus., p. 59, 1849.
 " " Heller, Crust. südlichen Europa, p. 176, 1863.
 " *diogenes*, Costa, Fauna del Regno di Napoli, Crust., p. 5, 1845.

Habitat.—St. Vincent, Cape Verdes. Three specimens (two adult and one young), the largest inhabiting a shell which is covered by Anemones. Bands of a brilliant red colour are still visible on the carapace, ocular peduncles, and ambulatory limbs.

Station VIII, off Gomera, Canaries; depth, 78 fathoms; bottom, volcanic sand. A single immature specimen.

Pagurus calidus is a well-known Mediterranean species. It is recorded by Miers from Madeira and the Canaries.

Pagurus deformis, H. Milne-Edwards.

- Pagurus deformis*, Milne-Edwards, Ann. d. Sci. Nat., sér. 2e, t. vi. p. 272, pl. xiii. fig. 4, 1836; Hist. Nat. des Crust., t. ii. p. 222, 1837.
 " " Dana, U.S. Explor. Exped., vol. xiii., Crust., part i. p. 449, 1852.
 " " Stimpson, Proc. Acad. Nat. Sci. Philad., p. 84, 1858.
 " " Heller, Reise der Novara, Crust., p. 86, 1865.
 " " Hilgendorf, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 818, taf. iii. figs. 6, 7, 1878.

Habitat.—Reefs, Papeite. A single incomplete specimen (with the chelipedes wanting) is apparently referable to this widely distributed Indo-Pacific species.

Pagurus imbricatus, H. Milne-Edwards.

- Pagurus imbricatus*, Milne-Edwards, Ann. d. Sci. Nat., sér. 3e, t. x. p. 61, 1848.
 " " Miers, Catal. New Zealand Crust., p. 66, 1876; Crust. in Zool. H.M.S. "Alert," p. 264, 1884.

Habitat.—Station 186, Flinders Passage; depth, 8 fathoms; bottom, coral mud.

A female specimen (in spirit) has the imbricated scales which cover the chelipedes and ambulatory limbs of a beautiful deep red colour, those on the propodal joint of the larger chela marked by conspicuous white tubercles.

Pagurus imbricatus has been taken only in the New Zealand and Australian seas.