

Pachycheles barbatus, A. Milne-Edwards (Pl. XI. fig. 4).

Pachycheles barbatus, A. Milne-Edwards, Bull. Soc. Philom. Paris, sér. 7, t. ii. p. 228, 1878.

Habitat.—St. Vincent, Cape Verde Islands.

The carapace of the single specimen, a young male referred with some hesitation to this species, measures 4.5 mm. in length and 4 mm. in breadth. The carapace is flattened, with the front depressed; a few slight granulations are seen towards the lateral borders on the gastric and hepatic areas, and a series of transverse lines occurs on the branchial areas. The front is pubescent and obscurely trilobed, bounded posteriorly by two transverse ridges on the gastric area, at the point where the carapace becomes level. The chelipedes are granulated and pubescent above, the hairs with which they are clothed being short and stiff; the anterior border of the carpus bears from three to five acute teeth, and the lower surface of the propodus is glabrous, with numerous rounded granulations towards the outer border. The ambulatory limbs are moderately pubescent.

The type-specimen came from the Cape Verde Islands.

Pachycheles pulchellus (Haswell).

Porcellana pulchella, Haswell, Proc. Linn. Soc. N.S.W., vol. vi. p. 758, 1881; Catal. Austral. Crust., p. 148, 1882.

Pachycheles pulchellus, Miers, Crust. in Zool. H.M.S. "Alert," p. 273, pl. xxx. fig. A, 1884.

Habitat.—Station 186, Flinders Passage, North Australia; depth, 8 fathoms; bottom, coral mud. A female with ova.

Station 188, Arafura Sea, South of Papua; depth, 28 fathoms; bottom, green mud. A female with ova.

The specimens described by Haswell and Miers were taken at various localities on the northern coasts of Australia.

Genus *Polyonyx*, Stimpson.

Polyonyx, Stimpson, Proc. Acad. Nat. Sci. Philad., p. 67, 1858.

Carapace suborbicular, smoothly convex, the breadth slightly greater than the length. Front but little produced, with an almost straight margin. First joint of the antennular peduncle smooth; the corresponding joint of the antennal peduncle greatly elongated. Eyes of small size. Chelipedes smooth, with the merus broad. Dactyli of the ambulatory limbs short, and furnished with two or more well-developed claws.