

*Spiropagurus elegans*, Miers.

*Spiropagurus elegans*, Miers, Ann. and Mag. Nat. Hist., ser. 5, vol. viii. p. 278, pl. xvi. fig. 5, 1881.

*Habitat*.—Station VIII, off Gomera, Canaries, February 10, 1873; depth, 78 fathoms; bottom, volcanic sand. An adult male without the right chelipede.

This species is very closely allied to the last, and distinguished chiefly by the absence of piliferous lines from the chelipedes. The type specimen came from Goree Island, Senegambia.

Genus *Anapagurus*, Henderson.

*Anapagurus*, Henderson, Clyde Decapoda, Trans. Nat. Hist. Soc. Glasgow, p. 27, 1886; Proc. Roy. Phys. Soc. Edin., vol. ix. part i. p. 73, 1886.

Anterior portion of the carapace depressed, the cervical groove deep; front with the rostral projection but slightly marked. Ocular peduncles usually short and stout, with the corneæ dilated; the basal scales of moderate size and separated by a considerable interval. Antennal acicle slender, the flagellum usually ciliated. Chelipedes unequal, the right larger (in adult males the disparity in size is often very striking), the fingers moving in a horizontal plane and calcareous at the tips. Ambulatory limbs long and slender, the dactyli but slightly ciliated. Coxa of the fifth left leg in the male with a short, curved, membranous organ (formed by the protruded external portion of the vas deferens). Species of small size.

*Anapagurus* was originally described as constituting a subgenus of *Spiropagurus*; I am now, however, of opinion that it is entitled to rank as a separate genus. It is distinguished from the latter by the form of the chelipedes, ambulatory limbs, and sexual appendage.

The following species are referable to this genus:—

*Anapagurus chiroacanthus* (Lilljeborg), Scandinavian and British Seas.

*Anapagurus hyndmanni* (Thompson), British Seas.

*Anapagurus lævis* (Thompson), Scandinavian and British Seas; Mediterranean, in deep water ("Travailleur").

*Anapagurus pusillus*, n. sp., Azores, Canaries, and Cape of Good Hope (?).

*Anapagurus australiensis*, n. sp., New South Wales.

*Anapagurus pusillus*, n. sp. (Pl. VII. fig. 7).

*Characters*.—The anterior portion of the carapace is smooth. The ocular peduncles extend as far as the end of the penultimate joint of both the antennal and the antennular peduncles; the corneæ are moderately dilated, and the ophthalmic scales are long and acuminate. The antennal acicle slightly exceeds the eye-stalk; the external prolongation