

and propodus (more especially the latter) is armed with numerous acute, corneous-tipped spines arranged in longitudinal rows, on the upper border of both joints the spines are of large size; the fingers are densely hirsute even on the inner surface, their opposed edges are armed with tubercular teeth, and their apices have a black horny external margin. The ambulatory limbs are hirsute, the hairs being confined to the margins, the anterior surface of the three terminal joints is armed with spines similar to those met with on the chelipedes, and a few spinules exist on the posterior borders of the meri. The last two pairs of legs are moderately pubescent.

The penultimate abdominal segment bears a deep T-shaped impression; the terminal segment has its sinuous margin thrown into four lobes.

Length of body 34 mm., of chelipede 26 mm., of third right leg 41 mm., of ocular peduncle 8 mm.

This species is characterised by the form of its chelipedes, which are those of a *Clibanarius* (the fingers moving almost in a horizontal plane as in that genus), though in all other respects it is a true *Pagurus*; it thus serves to illustrate the close connection which exists between these two genera.

*Habitat*.—Station 212, Celebes Sea; depth, 10 fathoms; bottom, sand. A female specimen, in the shell of a species of *Fusus*.

In addition to the above recorded species, the collection contains a *Pagurus* from off Port Jackson, 30 to 35 fathoms, too young to be satisfactorily identified.

#### Genus *Clibanarius*, Dana.

- Clibanarius*, Dana, U.S. Explor. Exped., vol. xiii., Crust., part i. p. 461, 1852.  
 ,, Stimpson, Proc. Acad. Nat. Sci. Philad., p. 72, 1858.  
 ,, Heller, Crust. südlichen Europa, p. 177, 1863.  
 ,, Miers, Catal. New Zealand Crust., p. 67, 1876.  
 ,, Haswell, Catal. Austral. Crust., p. 159, 1882.

Front with a distinct rostral projection. Ocular peduncles usually slender, the basal scales of small size and situated close together. Antennal acicle short, the flagellum naked. Chelipedes subequal and of similar conformation; the hand small, with the fingers moving in a horizontal plane, excavated internally, and corneous at the tips. Ambulatory limbs often with longitudinal colour markings, the penultimate pair chelate.

#### *Clibanarius strigimanus* (White).

- Pagurus strigimanus*, White, Proc. Zool. Soc. Lond., p. 122, 1847; Ann. and Mag. Nat. Hist. ser. 2, vol. i. p. 224, 1848.

*Habitat*.—Station 162, off East Monceour Island, Bass Strait; depth, 38 fathoms; bottom, sand and shells. An adult male, in a shell of *Voluta undulata*, Lam.