

Length of body<sup>1</sup> 13 mm., of carapace 6·8 mm., of left chelipede 15 mm., of first ambulatory limb 18·5 mm.

The peculiar markings on the left hand at once distinguish *Diogenes guttatus* from all other species of the genus. In some respects it approaches *Diogenes rectimanus*, Miers, but in this latter the outer surface of the hand is granulated and pubescent, and the lower border armed with strong spinules.

*Habitat.*—Station 187, Torres Strait; depth, 6 fathoms; bottom, coral mud. A single male specimen.

### Genus *Pagurus*, Fabricius.

- Pagurus*, Fabricius, Suppl. Ent. Syst., p. 411, 1798 (*in part*).  
 „ Milne-Edwards, Ann. d. Sci. Nat., sér. 2e, t. vi. p. 262, 1836; Hist. Nat. des Crust., t. ii. p. 213, 1837 (*in part*).  
 „ De Haan, Crust. Japon., p. 202, 1850 (*in part*).  
 „ Dana, U.S. Explor. Exped., vol. xiii., Crust., part i. p. 449, 1852.  
 „ Stimpson, Proc. Acad. Nat. Sci. Philad., p. 71, 1858.  
 „ Heller, Crust. südlichen Europa, p. 174, 1853.  
 „ Miers, Catal. New Zealand Crust., p. 65, 1876.  
 „ Haswell, Catal. Austral. Crust., p. 155, 1882.  
 „ Henderson, Proc. Roy. Phys. Soc. Edin., vol. ix. part i. p. 67, 1886.

Front without a distinct rostral projection. Ocular peduncles stout, frequently constricted towards the middle, the basal scales of moderate size and usually separated by a considerable interval. Antennal acicle short and robust, the flagellum long and naked. Chelipedes rarely subequal, the left usually larger; fingers moving in a vertical plane, slightly excavated internally, and corneous at the tips. Penultimate pair of legs chelate.

### *Pagurus striatus*, Latreille.

- Cancer arrosor*, Herbst, Naturg. Krabben u. Krebse, t. ii. p. 170, Taf. xliii. fig. 1, 1796.  
*Pagurus strigosus*, Bosc, Hist. Nat. des Crust., t. ii. p. 77, 1802.  
 „ *striatus*, Latreille, Hist. Nat. des Crust. et Insect., t. vi. p. 163, 1802.  
 „ „ Olivier, Ency. Méth., t. viii. p. 643, 1811.  
 „ „ Risso, Crust. de Nice, p. 54, 1816.  
 „ „ Desmarest, Consid. sur les Crust., p. 178, 1825.  
 „ „ Roux, Crust. de la Médit., pl. x., 1828.  
 „ „ Milne-Edwards, Ann. d. Sci. Nat., sér. 2e, t. vi. p. 270, 1836; Hist. Nat. des Crust., t. ii. p. 218, 1837.  
 „ „ Costa, Fauna del Regno di Napoli, p. 7, 1845.  
 „ „ Lucas, Anim. art. de l'Algér. Crust., p. 29, 1849.  
 „ „ De Haan, Crust. Japon., p. 206, tab. xlix. fig. 1, 1850.  
 „ „ Stimpson, Proc. Acad. Nat. Sci. Philad., p. 84, 1858.

<sup>1</sup> Measured from the apex of the rostrum or median point of the frontal margin to the apex of the telson.