

lines; the dactyli are short and moderately curved, each terminating in a yellow horny claw.

The abdominal segments are smooth and polished externally.

Breadth of carapace 4.5 mm., length of carapace 5 mm., of extended abdomen 5 mm., of chelipede 6.5 mm., of second ambulatory leg 6 mm.

This small species owes its chief interest to the depth at which it occurred—one which is quite exceptional among the members of this group. Apart from the difference in size it bears some resemblance to the common European *Porcellana platycheles* (Pennant), a young specimen of which from Millport, Firth of Clyde, is figured beside it (Pl. XI. fig. 7); the Challenger species, however, possesses a less prominent frontal region, shorter chelipedes and ambulatory limbs, and the lobe on the inner margin of the carpus is larger and less pointed. I have pleasure in naming it after my friend Mr. David Robertson, the veteran naturalist of the Clyde district.

Habitat.—Station 24, off Culebra Island, West Indies; depth, 390 fathoms; bottom, Pteropod ooze. A female specimen.

Genus *Porcellanella*, White.

Porcellanella, White, in Macgillivray's Voyage of H.M.S. "Rattlesnake," vol. ii., Appendix, p. 395, 1852 (*sine descr.*).

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

Carapace oblong, the length considerably greater than the breadth, with the lateral borders almost parallel, and the gastric elevations obsolete. Front prominent, composed of three flattened horizontal teeth. First joint of the antennal peduncle elongated and acute. Chelipedes smooth, with the carpus short and the propodus elongated. Ambulatory limbs of small size, with the meral joints robust, the dactyli short, compressed, and multiunguiculate.

This genus approaches *Porcellana* somewhat closely in its characters. Stimpson described a second species, *Porcellanella picta*, from the Chinese Seas.

Porcellanella triloba, White.

Porcellanella triloba, White, in Macgillivray's Voyage of H.M.S. "Rattlesnake," vol. ii., Appendix, p. 394, pl. v. fig. 2, 1852.

Porcellana triloba, Haswell, Catal. Austral. Crust., p. 149, 1882.

Habitat.—Station 212, Celebes Sea; depth, 10 to 20 fathoms; bottom, sand. Several specimens, two of which are females with ova.

Station 315, Port William, Falkland Islands; depth, 5 to 12 fathoms; bottom, sand, gravel. A male specimen.

This species has hitherto been recorded only from the Australian coasts; it has,