

Thelepus, Leuckart.

Thelepus sp. (Pl. XXVIII A. fig. 16).

Habitat.—Dredged at Station 186 (in Torres Strait, between Australia and New Guinea), September 8, 1874; lat. 10° 30' S., long. 142° 18' E.; depth, 8 fathoms; surface temperature, 77°·2; sea-bottom, coral mud.

A fragment of the posterior end with the anus, measuring 30 mm. in length, and having a diameter of about 4·5 mm.

In general appearance this specimen agrees with the corresponding region in *Thelepus cincinnatus*, though the bristle-papillæ and the uncinigerous processes are less prominent. The form of the bristles resembles those of the typical species, but the tip beyond the termination of the wings is much more filiform and elongate.

The hooks (Pl. XXVIII A. fig. 16) show only a single tooth above the great fang, and are remarkable for the great production of the anterior inferior angle, which has the mucro on the tip. The shape of the organ thus approaches that in *Polycirrus* and *Ereutho*. The outline, from the base of the great fang to the mucro, exhibits only a slight elevation. The ventral line likewise presents two slight elevations, instead of the usual uniform curve.

The whitish coral sand in the intestine contained a few Diatoms, many sponge-spicules, and the minute spiked spheres, formerly observed in similar sand from the Bermudas.

The *Thelepus japonicus* of Marenzeller¹ has a hook approaching the foregoing in shape.

Thelepus cincinnatus (Fabricius).

Amphitrite cincinnata, Fabricius, Fauna Groenland., p. 286.

Habitat.—Dredged in the "Knight Errant," Station 8, August 17, 1880; lat. 60° 3' N., long. 5° 51' W.; bottom temperature 29°·2, surface temperature 56°·5; depth, 540 fathoms.

Thelepus cincinnatus, var. *canadensis*, nov. (Pl. XXVIII A. fig. 17).

Habitat.—Dredged at Station 48 (near Le Havre Bank, Nova Scotia), May 8, 1873; lat. 43° 4' N., long. 64° 5' W.; depth, 51 fathoms; surface temperature, 38°·0; sea-bottom, rock.

A specimen about 25 mm. long, and with a diameter at its widest part of nearly 3 mm.

¹ Süd-japan. Annel., p. 208, Taf. ii. fig. 4.