

The hooks of this form somewhat resemble those of the *Polymnia congruens* of Marenzeller¹ from Southern Japan.

Terebella kermadecensis, n. sp. (Pl. XXVIIA. fig. 21).

Habitat.—Dredged at Station 171 (a little north of the Kermadec Islands), July 15, 1874; lat. 28° 33' S., long. 177° 50' W.; depth, 600 fathoms; bottom temperature 39°·5 C., surface temperature 66°·5; sea-bottom, hard ground.

An incomplete example of a small species, measuring 14 mm. in length, and with a diameter anteriorly of 1 mm.

The tentacles still retain a faint brownish hue at the tip. Only a single branchia, apparently the first, lies at the base of the tentacles. It has a basal stem of considerable length and various branches with very short terminal divisions. The anterior bristles have a very rudimentary wing.

The hooks (Pl. XXVIIA. fig. 21) have about three teeth above the great fang, the points of the two distal being closely applied to the third. The tip of the process below the great fang approaches the latter, and the concavity between it and the anterior inferior projection is pronounced. A slight heel occurs near the base of the dorsal line.

Coarse sand, amongst which are a few Foraminifera, and rarely a fragment of a Radiolarian or a Diatom, occurs in the alimentary canal.

The specimen was enclosed in a somewhat delicate hyaline tube sparsely studded with rather large quartzose particles, gneiss, schistose fragments, *Globigerinæ*, and other Foraminifera and sponge-spicules. Moreover, a minute polyzoon of a somewhat fusiform outline, with an expanded oval rim out of which tentacles protrude, also occurred on the translucent wall. The zoecium presents a lateral row of fine spines on each side of the dorsum.

Terebella (Lanice) flabellum, Baird (Pl. XLIX. fig. 3; Pl. L. fig. 1; Pl. XXVIIA. fig. 22).

Terebella flabellum, Baird, Journ. Linn. Soc. Lond., vol. viii. p. 157, pl. v. figs. 1, 2, December 1864.

Habitat.—Dredged at Station 144A, off Marion Island, December 26, 1873; lat. 46° 48' S., long. 37° 49' E.; depth, 69 fathoms; surface temperature 41°·0; sea-bottom, volcanic sand. Off Prince Edward Island (tube attached to *Terebratula*), in 150 fathoms. Also trawled off Twofold Bay, Australia, in 120 fathoms.

¹ Süd-japan. Annel., *op. cit.*, p. 207.