

ovoid form, fragments of Radiolarians, minute Crustacea, an occasional bristle of an Annelid, peculiar pointed structures like tips of spears, and probably allied to similar organs formerly mentioned in other species, minute Nematoids (it may be those of some of the prey, *e.g.*, Pteropods), minute bodies with double disks, numerous Pteropods like *Hyalea*, from the youngest stages up to adult size, a fine *Echinoderes* like *Echinoderes dujardini*, Clap., and finally many Diatoms and Coccoliths. The *Echinoderes* had its cephalic spines included, but pressure caused extrusion.

The specimen is enclosed in a smooth tube of somewhat brittle opalescent chitin, minutely dotted under a high power. No structure adheres to it externally, the only object, indeed, attached to it internally is an occasional hook of its own.

The uncini of the foregoing differ decidedly from those of Marenzeller's *Thelepus japonicus*,¹ in the form of the anterior inferior region beneath the mucro, and in the curve of the inferior margin.

Neottis, Malmgren.

Neottis antarctica, M'Intosh (Pl. LII. fig. 1).

Neottis antarctica, M'Intosh, Ann. and Mag. Nat. Hist., ser. 4, vol. xvii. p. 321, 1876.

Thelepus m'intoshii, Grube, Annelidenausbeute von S.M.S. "Gazelle," Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, Aug. 1877, p. 534.

Neottis antarctica, M'Intosh, Zool. Kerguel., Phil. Trans., vol. 168, p. 261, pl. xv. figs. 14, 15.

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.

An example attached to a mass of *Serpula narconensis* was dredged in Balfour Bay, Kerguelen, January 9, 1874, in 20 to 60 fathoms.

Other examples come from Station 149, off Christmas Harbour, Kerguelen, January 29, 1874, in 120 fathoms.

Also from Station 150 (between Kerguelen and Heard Islands), February 2, 1874; lat. 52° 4' S., long. 71° 22' E.; depth, 150 fathoms; bottom temperature 35°·2, surface temperature 37°·5; sea-bottom, coarse gravel.

Two fragments were found at Station 151 (off Heard Island), February 7, 1874; depth, 75 fathoms; surface temperature, 36°·2; sea-bed, volcanic mud. One is distended with ova.

A large portion of the posterior end of the same species (so far as can be ascertained from the hooks and other parts) occurs at Station 313 (Strait of Magellan), January 20, 1876; lat. 52° 20' S., long. 67° 39' W.; depth, 55 fathoms; bottom temperature 47°·8, surface temperature 48°·2; sea-bottom, sand.

¹ *Op. cit.*, p. 208, Taf. ii. fig. 4.