

Ampharete kerguelensis, n. sp. (Pl. XLVII. fig. 10; Pl. XXVIA. figs. 22–24).

Habitat.—Dredged at Station 149H. (off Cumberland Bay, Kerguelen), January 29, 1874; lat. 48° 45' S., long. 69° 14' E.; depth, 127 fathoms; surface temperature, 39°·8; sea-bottom, volcanic mud. Found amongst the debris sent from this Station.

A small species, the larger example measuring about 10 mm. in length, and having a diameter, exclusive of the bristles, of 1·5 mm. at its widest part.

The anterior fan of bristles is made up of longer forms than in the previous species, and they possess a pronounced terminal curve. In the smaller specimen each of these has a minute filiform process projecting from the somewhat blunt tip, but in the larger the majority of the longer bristles are devoid of this appendage. The paleolæ, moreover, are few in number, probably seven or eight. Each tapers very gradually from base to tip (Pl. XXVIA. fig. 22), the latter being either somewhat blunt, or provided with the filiform appendage. The convex edge in all shows a double outline, probably an indication of its homology with the winged forms of bristles, and this is especially evident in the paleolæ of the smaller example (Pl. XXVIA. fig. 23).

The shorter intermediate forms of the lateral bristles have long and slender tips devoid of any evident wing, after the type of *Ampharete gracilis* from St. Andrews.

The hooks (Pl. XXVIA. fig. 24) have six or seven teeth and a more elongate (and perhaps more typical) form than in the previous species (*Ampharete sombrieriana*). The lower fang, also, does not project so much beyond the inferior process as in the latter.

Very fine mud with sponge-spicules, a few bristles of an Annelid, and some Diatoms occurred in the intestine.

The body-wall is similar to that in *Amphicteis*, and considerably thinner than in the foregoing species, probably from greater distention.

The *Ampharete patagonica* of Kinberg¹ seems to be an allied form, but the indefinite nature of the description leaves room for doubt.

Ampharete gracilis, Malmgren.

Ampharete gracilis, Malmgren, Nordiske Hafs-Annulater, p. 367, Tab. xxvi. fig. 75.

Habitat.—Dredged in the "Knight Errant," at Station 7, August 12, 1880; lat. 59° 37' N., long. 7° 19' W.; depth, 530 fathoms; sea-bottom, Globigerina ooze.

¹ Öfversigt k. Vetensk.-Akad. Förhandl., 1866, p. 343.