

Studer's description<sup>1</sup> of the species is so sufficient that I need not redescribe it.

Station 145A, December 27, 1873; lat. 46° 41' S., long. 38° 10' E.; depth, 310 fathoms; volcanic sand.

### Family APSEUDIDÆ.

#### *Apseudes*, Leach.

*Apseudes*, Leach, Edin. Encycl., vol. vii. (1812), p. 404.

*Eupheus*, Risso, Hist. d. Crust. d. Nice, 1816, p. 124.

*Rhæa*, Milne-Edwards, Ann. d. Sci. Nat., xiii. (1828), p. 292.

Of the genus *Apseudes* three distinct species were dredged during the voyage of the Challenger; one of these is apparently a new species and is described in detail below; a second species would seem to be identical with Studer's *Apseudes spectabilis*; both these species are from Kerguelen; the third species, from shallow water off Sydney in Australia, I identify with Haswell's *Apseudes australis*.

There are not a great number of species of this genus known, and the majority of these are from the European seas; a remarkable form is Chilton's *Apseudes timaruvia* from New Zealand;<sup>2</sup> this species differs from all others of the genus by the absence of an exopodite to the antennæ and by the similarity of the fossorial limbs to the succeeding thoracic appendages; it would be interesting to have a little more information respecting this species, which may well, as Mr. Chilton suggests, be the type of a distinct genus.

The new species from Kerguelen described in the present Report does not present any special features of interest.

This genus is, so far as is known, confined to shallow water; no representatives from deep water have been described.

#### *Apseudes antarctica*, F. E. Beddard (Pl. XV. figs. 1-3).

*Apseudes antarctica*, F. E. Beddard, Proc. Zool. Soc. Lond., 1886, pt. i. p. 114.

Among the Isopoda obtained at the Island of Kerguelen by the German ship "Gazelle," and figured and described by Studer in his account of the collections, is a species of *Apseudes*, named by him *Apseudes spectabilis*; during the Challenger Expedition a single specimen of this species was also obtained at Christmas Harbour, Kerguelen, which agrees so closely with Studer's description and figures that I have not deemed it necessary to redescribe this species in the present Report.

At the same locality a number of specimens of a smaller species of *Apseudes* were

<sup>1</sup> The full description and figures are to be found in *Abhandl. d. k. Akad. d. Wiss. Berlin*, 1883, p. 15, pl. i. fig. 4.

<sup>2</sup> C. Chilton, Additions to the Isopodan fauna of New Zealand, *Trans. N. Z. Inst.*, vol. xv. (1882), p. 146.