Zoology Part XLIV: Report on the Cephalopoda. By William Evans Hoyle, Bound in Volume 16,1886.

Gonatus fabricii (Lichtenstein), Steenstrup.

1780. *Sepia loligo*, Fabr., Faun. grœnl., p. 358.
1818. *Onychoteuthis fabricii*, Licht., Sepien mit Krallen, p. 13.
1842. „ „ Møller, Ind. Moll. grœnl., p. 3.
1842. „ (?) *amoena*, Møller, *Ibid.*, p. 3.
1849. „ *kamtschatica*, Middff., Mém. Acad. Sci. St. Petersb., sér. 6, t. vi. p. 515, pl. xii. figs. 1–6.
1849. *Gonatus amœna*, Gray, B.M.C., p. 68.
1858. *Gonatus amœna*, Adams, Gen. Rec. Moll., p. 36, pl. iv. fig. 2.
1876. *Leachia borealis*, Jeffreys, Proc. Roy. Soc. Lond., vol. xxv. p. 180 (*err.*).
1876. „ *hyperborea*, Jeffreys, *Ibid.*, p. 193 (*pars*).
1878. *Gonatus amoenus*, Sars, Moll. Reg. Arct. Norv., p. 336, tab. xxxi.
1880. *Lestoteuthis kamtschatica*, Vll., Ceph. N. E. Amer., p. 251.
1880. *Gonatus fabricii*, Stp., Sthenoteuthis og Lestoteuthis, p. 9, pl. i.
1881. „ „ Vll., Ceph. N. E. Amer., p. 291, pl. xlv. figs. 1, 2.
1881. *Cheloteuthis rapax*, Vll., *Ibid.*, p. 293, pl. xlix. fig. 1.
1881. *Lestoteuthis fabricii*, Vll., *Ibid.*, pp. 387–393, pl. xlv. figs. 1, 2; pl. xlix. fig. 1; pl. lv. fig. 1.
1882. *Gonatus fabricii*, Stp., Notæ Teuthol. I., p. 143.

Habitat.—Lat. 58° 45′ N., long. 48° 39′ W., August 15, 1875. Taken by the tow-net during the cruise of H.M.S. "Valorous." Two young specimens.

Lat. 59° 16′ N., long. 37° 16′ W. Washed on board H.M.S. "Valorous" during a gale.[1]

Whole of Davies Strait, south and east of Greenland, lat. 58° to 61° N., long. 16° 52′ W.; Iceland; Færös, Atlantic, deep water; Mediterranean; South of Cape of Good Hope, lat. 40° S., long. 15° 18′ E. (Steenstrup); Porsangerfjord, Norway; Coast of Finmark, Norway (Sars); Kamtschatka (Middendorff); Japan (Steenstrup, Leiden Museum); Seal Island, Nova Scotia, from the stomach of a cod (Verrill); one hundred miles south of Newport, R.I., from the stomach of a fish (Verrill).

This remarkable form has received perhaps more maltreatment at the hands of teuthologists than any other of its class, as will appear from the above extensive synonymy. The most complete and reliable information we possess regarding it is in Professor Steenstrup's papers, but as these have by no means received the attention they deserved, owing probably to their having appeared in the Danish language, I shall make no apology for reproducing considerable portions of them here.

The genus *Gonatus* is defined as differing from all others of the same group in the following characters:[2]—

[1] This is the specimen alluded to by Dr. Gwyn Jeffreys in the "Valorous" Report (*loc. cit. supra*); he is mistaken, however, in stating that it was the same species as that obtained during the first cruise of H.M.S. "Porcupine," that being *Taonius hyperboreus* (see p. 191). The label on the bottle bears the name "*Leachia ellipsoptera*," written in pencil and almost erased.

[2] Sthenoteuthis og Lestoteuthis, p. 10.

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