

Lafystius sturionis, Krøyer (Pl. CXXXVII. D).

1842. *Lafystius sturionis*, Krøyer, Naturh. Tidsskr., R. 1, Bd. iv. p. 157.
 1855. *Laphystius sturionis*, Liljeborg, *loc. cit.*
 1857. *Darwinia compressa*, Sp. Bate, *loc. cit.*
 1857. " " White, *loc. cit.*
 1859. *Laphystius Sturionis*, Bruzelius, *loc. cit.*
 1861. *Lafystius Sturionis*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 110.
 1862. *Darwinia compressa*, Sp. Bate, Brit. Mus. Catal. Amph. Crust., p. 108, pl. xvii. fig. 7.
 1862. " " Bate and Westwood, Brit. Sess. Crust., p. 184.
 1870. *Laphystius Sturionis*, Boeck, Crust. amph. bor. et. arct., p. 103.
 1873. *Ichthyomyzocus morrhua?*, Hesse, *loc. cit.*, p. 7.
 1874. *Laphystius Sturionis*, S. I. Smith, Invert. Animals Vineyard Sound, pp. 457, 557.
 1875. " " Schiødte, Krebsdyrenes Sugemund, p. 237, Tab. v. figs. 9-18.
 1876. " " Boeck, De Skand. og Arkt. Amph., p. 252, pl. xix. fig. 6.
 1878. *Darwinia compressa*, Spence Bate, Crust. in Couch's Cornish Fauna revised and added to, p. 49.

Locality.—The specimens were labelled as having been taken "Parasitic on *Cottus*, Halifax, May '73." This refers therefore to a point in the voyage between Stations 48 and 49.

Remark.—The mouth organs of this species are beautifully drawn by Schiødte; they are figured in this Report, as well for identification of the species, as to give facility of comparison with the corresponding parts in kindred genera.

Among numerous drawings of Amphipoda by Sir Joseph Hooker, prepared during the Antarctic expedition of 1840-41, there is one of a species in many respects resembling *Acanthonotoma cristatum*, Owen, and like it reddish-white in colour, with red eyes. If this fine species should prove to belong to the genus named it will be an addition to the family Iphimedidæ.

Family ATYLIDÆ, G. O. Sars, 1882.

In 1865 Liljeborg made the Atylinæ the eighth subfamily of the Gammaridæ, with the definition "Antennæ superiores flagello appendiculari carentes. Oculi compositi. Pedes trunci (thoracici) 7:mi paris antecedentibus minime vel parum longiores, segmento ultimo unguiformi. Laminæ pedum maxillarium bene evolutæ." To it he assigned the genera *Odius*, *Iphimedia*, *Laphystius*, *Calliopius*, *Paramphithoë*, *Atylus*, *Dexamine*, *Acanthonotus*, the first three and the last one being the same genera as Boeck afterwards grouped together in his subfamily Iphimedinae. In 1870 Boeck constituted the Dexamininæ the thirteenth subfamily of the Gammaridæ, to receive the genera *Dexamine* and *Lampra*, and at the same time made the Atylinæ the fourteenth subfamily, to receive the genera *Atylus*, *Pontogeneia*, *Halirages*, *Calliopius*, *Amphi-*