

not reaching back so far as those of the first and third pairs, the peduncles about as long as the inner ramus, with spines fringing the lower half of one margin, the other smooth, except for an apical spine; the outer ramus shorter than the inner, each ramus having marginal spines and an apical nail (in one of the second uropods the inner ramus was less elongate than in the other); the peduncles of the third pair much shorter than the rami, apically cut into three unequal teeth; the rami broad, lanceolate, unequal, with marginal spines and some feathered setæ.

Telson longer than broad, the sides converging to form an acute apex on either side, the two apices being separated by an emargination of about equal length and breadth, the length being between a third and a quarter of the total length of the telson. The actual apices are perhaps rounded, each carrying a sort of nail broad at the base and acute at the tip.

Length.—The specimen, in the position figured, measured, in a straight line from the rostrum to the back of the third pleon-segment, very nearly half an inch.

Locality.—Station 151, off Heard Island, February 7, 1874; lat. 52° 59' 30" S.; long. 73° 33' 30" E.; depth, 75 fathoms; bottom, volcanic mud. One specimen.

Remarks.—The specific name refers to the handsome dentation of the back and the peræopods.

Genus *Lafystius*, Krøyer, 1842.

1842. *Lafystius*, Krøyer, Naturh. Tidsskr., R. 1, Bd. iv. p. 156.
 1852. *Laphystius*, Dana, U.S. Explor. Exped., vol. xiii. pt. ii. p. 913.
 1855. „ Liljeborg, Om Hafs Crustaceer vid Kullaberg i Skåne, p. 132.
 1857. *Darwinia*, Spence Bate, Synopsis, Ann. and Mag. Nat. Hist., ser. 2, vol. xix. p. 9.
 1857. „ White, Popular Hist. Brit. Crust., p. 176.
 1859. *Laphystius*, Bruzelius, Skand. Amph. Gamm., p. 98.
 1862. *Darwinia*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 108.
 1862. *Lafystius*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 109.
 1862. *Darwinia*, Bate and Westwood, Brit. Sess. Crust., p. 182.
 1865. *Laphystius*, Lilljeborg, On the *Lysianassa magellanica*, p. 18.
 1870. *Dermophilus*?, Beneden and Bessels, Mém. cour. Acad. Roy de Belgique, vol. xxxiv.
 1870. *Laphystius*, Boeck, Crust. amph. bor. et arct., p. 102.
 1873. *Ichthyomyzocus*? (*pars*), Hesse, Ann. d. Sci. Nat., sér. 5, t. xvii. art. 21.
 1874. *Laphystius*, S. I. Smith, Invert. Animals Vineyard Sound, p. 557.
 1875. „ Schiødte, Krebsdyrenes Sugemund, Nat. Tidsskr., R. 3, Bd. x. p. 241.
 1876. „ Boeck, De Skand. og Arkt. Amph., p. 250.¹
 1878. *Darwinia*, Spence Bate, Crust. in Couch's Cornish Fauna revised and added to, p. 49.
 1886. *Laphystius*, Gerstaecker, Bronn's Klassen und Ordnungen, Bd. v. Abth. ii. p. 503.

For the definition of the genus see Note on Krøyer, 1842 (p. 199).

¹ On p. 712 *Laphystius* is corrected to *Lafystius*.