

they have a spinule on the inner side of the distal end. In the figure *ur.2.*, the line is incomplete which should have separated the inner ramus from the peduncle.

*The Telson* seems to be rather longer than broad, much rounded distally, with two spines on the surface at about the centre; whether these are planted on a raised process as in the companion species, I could not definitely ascertain.

*Length.*—The specimen measured, in a straight line from the front of the head to the back of the second pleon-segment, one-fifth of an inch.

*Locality.*—The single incomplete specimen, a female, was labelled as obtained at Port Jackson, 2 to 10 fathoms.

*Remarks.*—The specific name refers to the small size of the creature, and its want of conspicuous armature.

It is separated by the structure of the gnathopods from the species which Mr. Haswell has named *Dexiocerella lobata* and *Dexiocerella lavis*. These are only partially figured in Mr. Haswell's paper, and I have not seen specimens.

#### Genus *Lætmatophilus*, Bruzelius, 1859.

1859. *Lætmatophilus*, Bruzelius, Skand. Amph. Gamm., p. 10.  
 1862. *Cyrtophium (pars)*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 273.  
 1869. „ Norman, Last Report on Dredging among the Shetland Isles, p. 285.  
 1870. *Lætmatophilus*, Boeck, Crust. amph. bor. et arct., p. 185 (265).  
 1876. „ Boeck, De Skand. og Arkt. Amph., p. 662.  
 1877. „ Metzger, Crust. Isop. Amphip. et Decap. Daniae, p. 166.  
 1882. „ Sars, Oversigt af Norges Crustaceer, p. 32.  
 1885. *Læmatophilus*, Haswell, Proc. Linn. Soc. N.S.W., vol. x. pt. 1 (extr. p. 16).  
 1886. *Lætmatophilus*, Gerstaecker, Bronn's Klassen und Ordnungen, Bd. v. Abth. ii. p. 493.  
 1886. „ (*pars*), Norman, Museum Normanianum, pt. iii. Crustacea, p. 17.

For the original definition of the genus, see Note on Bruzelius, 1859 (p. 312). Boeck gives the following definition:—

“Sixth and seventh segments of the peræon coalesced.<sup>1</sup>”

“*Upper Antennæ* attached to the great frontal process; flagellum not many-jointed; accessory flagellum wanting.

“*Lower Antennæ* equal to the *Upper* in thickness and length.

“*First* and *Second Gnathopods* with subcheliform hands; the *Second* pair the larger.

“*First* and *Second Peræopods* alike in shape, very strong; the third joint very short, the fourth and fifth elongate.

“The last three pairs of *Peræopods* alike in shape; the *Fourth* longer than the *Third*, the *Fifth* than the *Fourth*.

“The *First Uropods* biramous; the outer ramus shorter than the inner.

“The *Last Uropods* tubercular in form.”

<sup>1</sup> This is not the case in the species now to be described.