

## Family LEUCOTHOIDÆ.

In 1852 Dana<sup>1</sup> established the Leucothoinæ as subfamily 3 of the family Gammaridæ. In it he includes the genera *Stenothoe* and *Leucothoe*, of which the former was placed by Spence Bate in the subfamily Stegocephalides, the latter in the subfamily Gammarides. Lilljeborg in 1865 adopts Dana's subfamily, writing the name Leucothoina, and adding the genera *Pleustes*, Spence Bate, and *Montagua*, Spence Bate. In 1874 Boeck adopted the name "Leucothoinæ, Dana," as the name of the ninth subfamily of the Gammaridæ, and in 1876 as the sixth subfamily of the Leucothoidæ. In it he placed the genera *Lilljeborgia*, Spence Bate, *Eusirus*, Krøyer, *Leucothoë*, Leach, *Tritropis*, Boeck, and *Pleustes*, Spence Bate.<sup>2</sup> The last of these genera was transferred to this subfamily by an afterthought, and Boeck's own account of the first side-plates, the third uropods, and the telson in species of *Pleustes* does not agree with his definition of the subfamily. In 1882 Sars adopted the name Leucothoidæ for a family containing the genera *Leucothoë*, *Tritropis*, *Eusirus*, "*Lilljeborgia*," presumably therefore corresponding with Boeck's Leucothoinæ, minus the genus *Pleustes*, which Sars places in the family Paramphithoidæ. Why Spence Bate and Boeck and Sars have removed *Leucothoë* from its proximity to *Stenothoë* I do not understand. In *Leucothoë* the third uropods are biramous, in the *Stenothoidæ* uniramous, but the mouth-organs bring the former near to the latter, as Dana and Lilljeborg have evidently felt. Gerstaecker in 1886 places *Leucothoë* next to *Stenothoë*. Costa in 1857 assigns to the Leucotoini only the genus *Leucothoë*, and I am so far in agreement with him that I have not seen reason to place in this family the other genera assigned to it by Boeck. It must be remembered that the loosely defined family, Leucothoidæ, Boeck, in which there is scarcely a single fixed character (almost everything mentioned being either large or small, present or absent), is quite distinct from the subfamily Leucothoinæ here changed into the family Leucothoidæ in accordance with the precedent set by G. O. Sars.

Genus *Leucothoë*, Leach, 1813.

1813. *Leucothoë*, Leach, Edin. Encycl., vol. vii. pp. 403, 432.  
 1815. „ Leach, Trans. Linn. Soc. Lond., vol. xi.  
 1816. *Lycesta*, Savigny, Mém. sur les Anim. sans vert., 1<sup>re</sup> partie, p. 109.  
 1825. *Leucothoe*, Desmarest, Consid. gén. sur les Crust., p. 263.  
 1829. „ Latreille, Le règne anim., t. iv.  
 1830. „ Milne-Edwards, Ann. d. Sci. Nat., t. xx. p. 380 (29).  
 1840. „ Lucas, Hist. Nat. des Crust., p. 230.  
 1840. „ Milne-Edwards, Hist. des Crust., t. iii. p. 56.  
 1852. „ Dana, U.S. Explor. Exped., vol. xiii. pt. ii. p. 909.  
 1853. „ Costa, Rend. d. Soc. r. Borb. Acad. di scienze.  
 1855. „ Gosse, Manual of Marine Zoology.

<sup>1</sup> See Notes on Dana, pp. 257, 261.<sup>2</sup> See De Skand. og Arkt. Amph., p. 496.