

## Family LANCEOLIDÆ, 1887.

Bovallius, who in 1885 had reinstated Say's genus *Lanceola*, in 1887<sup>1</sup> established the family Lanceolidæ to receive it, with the following diagnosis:—

“Head small, anteriorly truncated, not tumid. Eyes very small, often indistinct. First pair of antennæ short, high, compressed, fixed at the anterior side of the head. Second pair long angulated, fixed at the anterior side of the head. Mandibles with palp. Three posterior pairs of pereopoda with retractile dactyli. Seventh pair [fifth peræopods] not transformed.”

In a subsequent work of the same year Bovallius varied the description as follows:—

“Head small, not tumid, anteriorly truncated. Eyes small. First pair of antennæ tumid. Second pair filiform, not angulated, fixed at the anterior side of the head. Mandibles with palp. Seventh pair of pereopoda [fifth peræopods] not transformed. Peduncles of uropoda normal.”

That the lower antennæ are not folded as in the Platyscelidæ is in agreement with the Challenger species belonging to this family, but neither do the dimensions of the lower antennæ in those species agree with the epithet “filiform.”

Genus *Lanceola*, Say, 1818.

1818. *Lanceola*, Say, Journ. Acad. Nat. Sci. Philad., vol. i. pt. ii. p. 317.  
 1825. „ Desmarest, Consid. gén. sur la classe des Crustacés, p. 272, note.  
 1830. *Hyperia (pars)*, Milne-Edwards, Ann. d. Sci. Nat., tome xx. p. 387 (extr., p. 36).  
 1838. „ „ Milne-Edwards, Hist. Nat. des Anim. sans Vert., tome v. éd. ii.  
 1840. „ „ Milne-Edwards, Hist. Nat. des Crust., tome iii. p. 77.  
 1840. „ „ Lucas, Hist. Nat. des Crust., p. 234.  
 1844. „ „ De Kay, Zoology of New York, pt. vi., Crustacea.  
 1858-74. „ „ Chenu and Desmarest, L'Encycl. d'hist. nat., Crustacés, p. 48.  
 1862. *Vibilia (pars)*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 304.  
 1885. *Lanceola*, Bovallius, Bihang till K. Svensk. Vetensk.-Akad. Handl., Bd. 10, No. 14, p. 3.  
 1886. „ Forsstrand, Det arkt. hafsområdets djurgeogr. begränsning, p. 40.  
 1887. „ Bovallius, Systematical List of the Amph. Hyper., Bihang till K. Svensk. Vetensk. Akad. Handl., Bd. 11, No. 16, p. 5.  
 1887. „ Bovallius, Arctic and Antarctic Hyperids, Vega-Exped., Bd. iv. 553.  
 1887. „ Hansen, Malacostraca marina Groenlandiæ occidentalis, p. 55.

For the original definition of the genus, see Note on Say, 1818 (p. 102). The British Museum Catalogue, in the description of Say's type-species under the name *Vibilia pelagica*, speaks of the upper antennæ as “reaching to the extremity of the peduncle of the inferior pair,” whereas Say's words are “attaining the middle of the third joint of the inferiores”; in the account of the peræopods, “third pair longest” is evidently a misprint for—third pair longer. In 1887 Bovallius gives the following definition of the genus:—

<sup>1</sup> Systematical List of the Amph. Hyper., p. 5.