

- L. inauriculata* Owen, Rep. Brit. Assoc., 1849.—*British Channel, Dover* (Owen). If this species is truly distinct from *L. quadricornis* it would appear that the boreal Fauna of Europe nourishes a different species from that of the Celtic Fauna.
- L. campanulata* Lamourx., *Johnst.*, Brit. Zoöph., p. 248.—*Lucernaria Convolvulus* *Johnst.*, Mag. Nat. Hist.—*Lucernaria auricula* *Milne-Edwards*, in Cuvier's Règne Anim., Pl. 63.—*Calvados* (*Milne-Edwards*); *England* (*Johnston*). Judging from the description and figures of *Johnston* and *Milne-Edwards*, this species will no doubt form a distinct genus, on account of its peculiar foliaceous actinostome, and the absence of single, simple tentacles.
- L. auricula* Müll., *Zool. Dan.*, Pl. 152; *Montagu*, Lin. Trans., Vol. IX. Pl. 7, fig. 5; *Johnst.*, Brit. Zoöph., p. 246; *Sars*, Bidr. Suedyr., Pl. 4, figs. 1-13.—*Lucernaria octoradiata* *Lmk.*—*Norway* (*Sars*); *German Ocean* (*O. F. Müller*); *England, Devonshire* (*Montagu*); *Scotland* (*Fleming*). This species is the type of a third genus. The propriety of subdividing the *Lucernaria* has already been felt by *Milne-Edwards*, who, in the 3d volume of his *Hist. des Corall.*, makes three sections of them.
- L. Fabricii* Ag.—*L. auricula* *Fabr.*—*Swampscott Beach* (*L. Agassiz*); *Greenland* (*Fabricius*). Differs from *L. auricula* by its slender stem and the deep emarginations of the disk.
- L. typica* *Greene*, Proc. Dubl. Univ. Assoc., Vol. I. is not known to me.
- L. phrygia* *Fabr.*, Faun. Greenl., from *Greenland*, has been referred to the *Sipunculidæ* by *DeBlainville*.
- Depastrum* *Gosse.*, Ann. and Mag. Nat. Hist., 1858 and 1860.
- D. stellifrons* *Gosse*, Ann. and Mag. Nat. Hist., 1860, Vol. VI. p. 480, figs. in the text.—*British Channel, Weymouth* (*Gosse*).
- Carduella* *Allm.*, Mier. Journ., 1860.—*Depastrum* *Gosse* (p. p.).—*Calicinaria* *Milne-Edw.*, 1860.—*Lucernaria* *Sars* (p. p.).
- C. cyathiformis* *Allm.*, Mier. Journ., 1860, Vol. VIII. Pl. 5.—*Lucernaria cyathiformis* *Sars*, Fauna litt., Pl. 3, figs. 8-13.—*Depastrum cyathiforme* *Gosse.*—*Norway, Bergen and Floröe* (*Sars*); *Island of Arran* (*Landsborough*); *Stromness, Orkney Islands* (*Gilchrist and Allman*).