

Sub-class GASTEROPODA, Cuvier,¹ 1798.

Order PROSOBRANCHIA, Milne-Edwards, 1848.

Family LEPETIDÆ, Gray, 1850.

Genus *Lepeta*, Gray, 1842.

Species.

- 1.
- Lepeta cæca*
- (Müller). 2.
- Lepeta (Pilidium)*
- ²
- fulva*
- (Müller).

1. *Lepeta cæca* (Müller).*Patella cæca*, Müller, Zool. Dan. Prodr. (1776), p. 237, No. 2866.*Lepeta cæca*, Jeffreys, Brit. Conch., vol. iii. p. 252, vol. v. pl. lviii. fig. 6.

" " Gould, Inverteb. Massachusetts (Binney), p. 270, f. 531.

" " Jeffreys, Moll. Europe and Eastern North America, Ann. and Mag. Nat. Hist., ser. 4, vol. x. 1872, p. 242.

" " Jeffreys, "Valorous" Moll., Ann. and Mag. Nat. Hist., ser. 4, vol. xix. 1877, p. 231.

" " G. O. Sars, Moll. Reg. Arct. Norv., p. 123, pl. xx. fig. 17.

" " Dall, Alaska Explor., U.S. Nat. Hist. Mus. Report, vol. i. 1879, p. 116.

Station 24. March 25, 1873. Lat. 18° 38' 30" N., long. 65° 5' 30" W. Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

Habitat.—From Shetland northwards to the Sea of Okhotsk and to Japan on the E., and to the Atlantic and Pacific Coasts of America on the W. A true Arctic form, found in from 10 to 690 fathoms (Sars and Jeffreys).

Fossil in older and younger Post-pliocene beds of Norway and Sweden, and in the red and coralline crags of England (Jeffreys).

In regard to this species it may be well to observe that the short slope of the shell is the front, as is the case with all the unfissured patelliform shells, except *Propilidium*, the Umbrellidæ, and the Siphonariidæ. The presence in the young of a one-whorled spiral incurved deciduous apex seems fully confirmed (see Jeffr. "Valorous" Dredgings, *loc. cit. supra*).

¹ The alteration of Cuvier's word to *Gastropoda*, which has found some acceptance, could only have been justified had he been wrong in his spelling, which he is not. Between the two forms of the Greek root in composition, surely Cuvier was free to choose which he pleased, even though he preferred the less common one.

² Forbes, Athenæum, Oct. 6, 1849, p. 1018; not of Middendorff, Sib. Reise, p. 214, 1851 (see Dall, Mon. Fam. Lepetidæ, Amer. Journ. Conch., vol. v. 1869, p. 146).