

	Right.	Left.
Length of first arm, <sup>1</sup>	26 mm.	27 mm.
Length of second arm,	27 „	23 „ <sup>2</sup>
Length of third arm,	36 „	30 „ <sup>2</sup>
Length of fourth arm,	26 „	26 „

The genus *Japetella* was originally created for the reception of two forms, which however, differed in a character so important that they were only united provisionally. Since then the other species (*Japetella diaphana*) has been referred to *Eledonella*, Verrill, so that the present genus is monotypic. The distinguishing character is the median ventral septum in the branchial cavity, which, though present in *Octopus*, *Eledone*, *Cirrotheuthis*, *Eledonella*, and *Bolitaena*, is absent in *Japetella*. The presence of a valve in the siphon is very remarkable.

This is another of the forms brought up by a trawl which had been down into deep water, and concerning whose real place of origin there is considerable uncertainty; its general similarity to *Eledonella* is so great that whatever decision is come to regarding the one, must be regarded *à priori* as probably true of the other.

## Suborder II. DECAPODA, Leach.

### Division I. MYOPSIDA, d'Orbigny.

#### Family VII. SEPIOLINI, Steenstrup.

##### *Sepiola* (Rondelet), Leach.

##### *Sepiola rondeleti*, Leach.

1558. *Sepiola rondeleti*, Gesner, De Aquat., lib. iv. p. 855.  
 1817. „ *Rondeletii*, Leach, Zool. Miscell., vol. iii. p. 138.  
 1839. „ „ d'Orb., Céph. acôt., p. 230; Sépioles, pl. i. figs. 1-6; pl. ii. figs. 3-13;  
 pl. iii. figs. 6-9.  
 1845. „ *oceanica*, d'Orb., Moll. viv., pl. x. fig. 13 (*err.*).  
 1853. „ *Rondeletii*, Forbes and Hanley, Brit. Moll., vol. iv. p. 220, pl. mmm. fig. 1.  
 1869. „ *Rondeletti*, Targ., Cef. Mus. Firenze, p. 45.  
 1869. „ *Rondeleti*, Jeffreys, Brit. Conch., vol. v. p. 136.  
 1879. „ *sepiola*, Tryon, Man. Conch., vol. i. p. 155.

*Habitat.*—The Minch, west coast of Scotland, “Porcupine” Expedition, 1869; 60 to 80 fathoms. Two specimens, ♀.

British Seas (Forbes and Hanley, Jeffreys); Atlantic coast of France (Fischer,

<sup>1</sup> The lengths of the arms are measured from the eye.

<sup>2</sup> Mutilated.