

*Firoloida* sp.

1862. *Firoloides* sp., Macdonald, Trans. Roy. Soc. Edin., vol. xxiii. p. 5, pl. i. figs. 1-4.

*Habitat*.—Bass Straits.

*Firoloida* sp.

1832. *Firola* sp., jun., Quoy and Gaimard, Voy. "Astrolabe," pl. xxix. fig. 17.

The specimen figured by Quoy and Gaimard appears to be a species of *Firoloida*.

*Firoloida* sp.

1850. *Pterotrachea* (*Firoloida*) sp., Gray, Fig. Moll. Anim., vol. iv. p. 100, pl. clv. figs. 3, 3a.

Nothing is known respecting this species beyond the above rough figure.

Genus *Cardiopoda*, d'Orbigny.

1836. *Cardiopoda*, d'Orbigny, Voy. Amér. mérid., vol. v. p. 154.  
 1840. " Eydoux and Souleyet, Rev. Zool., p. 233 (On the Shell).  
 1841. " d'Orbigny, in Sagra's Hist. Cuba, Moll., vol. i. p. 97.  
 1842. *Cardiapus*, d'Orbigny, Paléont. franç., Terr. crét., vol. ii. p. 19.  
 1846. *Cardiopoda*, Agassiz, Index Zool. Univer., p. 66.  
 1850. *Cardiopoda*, Gray, Fig. Moll. Anim., vol. iv. p. 100.  
 1852. *Carinaroida*, Eydoux and Souleyet, Voy. "Bonite," Zool., vol. ii. p. 351.  
 1853. *Cardiopoda*, Philippi, Handbuch Conch., p. 283.  
 1854. " Woodward, Man. Moll., p. 200.  
 1855. " H. and A. Adams, Gen. Moll., vol. ii. p. 96.  
 1857. " Gray, Syst. Arrang. Moll., p. 132.  
 1859. " Chenu, Man. Conch., vol. i. p. 126.  
 1862. " Macdonald, Trans. Roy. Soc. Edin., vol. xxiii. pl. i. fig. 11, pl. ii. fig. 5c  
 (Dentition).  
 1866. " Keferstein, Bronn's Thierreich, vol. iii. pt. 2, p. 850.  
 1883. " Fischer, Man. Conch., p. 580.  
 1883. " Tryon, Struct. Syst. Conch., vol. ii. p. 350.  
 1883. *Cardiopoda*, Lankester, Ency. Brit., vol. xvi. p. 654.

The species of *Cardiopoda* are at present very unsatisfactorily determined. Macdonald has expressed the opinion that all the described forms belong to one and the same species, and it seems to me that this may really be the case, considering that it is very probable that the different sexes have been described as separate species. After carefully studying the various accounts by Souleyet, d'Orbigny, Macdonald, Rang, and Lesson, I believe that *the sexes are indicated by the branchiæ alone*. Eydoux and Souleyet<sup>1</sup> figure an animal which they consider the female of *Cardiopoda placenta*,

<sup>1</sup> Voy. "Bonite," pl. xvii. fig. 1.