

*Carinaria fragilis*, Bory de Saint Vincent.

1804. *Carinaria fragilis*, Bory de Saint Vincent, Voy. dans les quatre princip. îles d'Afrique, vol. i. p. 142; Atlas, pl. vi. fig. 4.  
 1817. „ „ Blainville, Dict. d. Sci. Nat., vol. vii. p. 107.  
 1822. „ „ (*partim*), Lamarck, Anim. sans Vert., vol. vii. p. 674; ed. 2, vol. xi. p. 380.  
 1823. „ „ Bory de Saint Vincent, Dict. Classiques Hist. Nat., vol. iii. p. 216.  
 1825. „ „ (*partim*), Dubois, Epit. Lamarck's Test., p. 311.  
 1830. „ „ Cuvier, Règne Anim., ed. 2, vol. iii. p. 68.  
 1838. „ „ (*partim*), Potiez and Michaud, Gal. Moll., vol. i. p. 47.

*Habitat.*—Off South Africa (Bory de Saint Vincent).

The only account of this species is that given by Bory de Saint Vincent. It has been considered by some authors identical with the Mediterranean species commonly called *Carinaria mediterranea*. If only the animal had been figured and described there would have been no hesitation in pronouncing the identity of the two species; but in the description of the shell Bory de Saint Vincent points out certain features which clearly separate his species. He describes it as being “sans carène, et avec de légères stries qui, au lieu d'être circulaires, partent du sommet et arrivent au limbe en divergeant.”

No other known species of *Carinaria* has radiating sculpture of that kind, but on the contrary they all exhibit similar circular or concentric plications. Still the account given by the author is so explicit that one can scarcely suppose that the radiating striæ were imaginary. The absence of a keel might be accounted for, supposing the shell to be damaged.

*Carinaria lamarkii*, Péron et Lesueur.

1554. *Species secunda Holoturiorum*, Rondelet, De Test., p. 126.  
 1858. „ „ Boussuet, De Nat. aquat. Carmen, p. 68, lower fig.  
 1810. *Carinaire Lamarck*, Péron and Lesueur, Ann. du. Mus., vol. xv. p. 69, pl. iii. fig. 15.  
 1817. *Carinaria lamarkii* (Péron et Lesueur), Blainville, Dict. d. Sci. Nat., vol. vii. p. 107.  
 1817. *Pterotrachée* sp., Cuvier, Mém. Moll., pl. iii. figs. 15–17.  
 1820–5. *Carinaria mediterranea*, Sowerby, Rec. and Foss. Shells, pl. cclxxix.  
 1823. „ *lamarkii*, Bory de Saint Vincent, Dict. Classique Hist. Nat., vol. iii. p. 217.  
 1824. „ *vitrea*, Children, Quart. Journ. Sci. Lit. and Arts, vol. xvi. p. 257, pl. vi. fig. 239 (Shell only, copy of Ency. Méth.).  
 1825. „ *mediterranea*, Blainville, Man. Mal., p. 493, pl. xlvii. fig. 3.  
 1825. *Pterotrachea lophyra*, Chiaje, Mem. Anim. sans Vert., vol. ii. p. 199, pls. xiv., xv.  
 1825. “*Pterotrachea navigera*, Macri, Act. Soc. Borb., vol. iii.” *teste* Chiaje, Mem., vol. ii. p. 198.  
 1825. “*Pterophora conchacea*, Caulini, Moll. Crat. Neap., pl. i. figs. 1–4,” *teste* Chiaje, Mem., vol. ii. p. 197.  
 1826. *Pterotrachea lophyra*, Poli. Test. utrius. Sicil., vol. iii. p. 29, pl. xlv. figs. 1, 3.