

which at first sight appear very dissimilar—*Cristellaria variabilis* and *Cristellaria peregrina*.

Though it has not previously been recorded as a recent species, *Cristellaria variabilis* is by no means uncommon at depths ranging from 100 to 600 fathoms. It occurs at ten Stations in the North Atlantic, 50 fathoms to 1630 fathoms; at three in the South Atlantic, 350 fathoms to 675 fathoms; at seven in the South Pacific, 155 fathoms to 580 fathoms; and at one in the North Pacific, 345 fathoms.

Reuss's specimens were Miocene fossils from Baden, near Vienna, and from Felső-Lapugy, in Transylvania; and those figured by Schwager were from the Upper Tertiary clay of Kar Nicobar.

*Cristellaria crepidula*, Fichtel and Moll, sp. (Pl. LXVII. figs. 17, 19, 20; Pl. LXVIII. figs. 1, 2).

- Nautilus crepidula*, Fichtel and Moll, 1803, Test. Micr., p. 107, pl. xix. figs. *g-i*.  
*Cristellaria crepidula*, d'Orbigny, 1839, Foram. Cuba, p. 64, pl. viii. figs. 17, 18.  
 „ *berthelotiana*, Id. 1839, Foram. Canaries, p. 125, pl. i. figs. 14, 15.  
 „ *intermedia*, Reuss, 1845, Verstein. Böhm. Kreid., pt. i. pp. 33, 108, pl. xiii. figs. 57, 58;—pt. ii., pl. xxiv. figs. 50, 51.  
 „ *cymboides*, d'Orbigny, 1846, For. Foss. Vien., p. 85, pl. iii. figs. 30, 31.  
 „ *intermedia*, Alth., 1850, Haidinger's Naturw. Abhandl., vol. iii. p. 267, pl. xiii. fig. 23.  
 „ *jugleri*, Reuss, 1851, Zeitschr. d. deutsch. geol. Gesellsch., vol. iii. p. 89, pl. iv. fig. 19, *a.b.*  
 „ *subarcuatula*, Williamson, 1858, Rec. For. Gt. Br., p. 29, pl. ii. figs. 56, 57.  
 „ *grata*, Reuss, 1862, Sitzungsb. d. k. Ak. Wiss. Wien, vol. xlvi. p. 70, pl. vii. fig. 14.  
 „ *planiuscula*, Id. Ibid. p. 71, pl. vii. fig. 15.  
 „ *cordiformis*, Terquem, 1863, Foram. du Lias, 3<sup>ème</sup> mém. p. 203, pl. ix. fig. 14, *a.b.*  
 „ *acuminata*, Id. Ibid. p. 210, pl. x. fig. 5, *a.b.*  
*Hemirobulina compressa*, Stache, 1864, Novara-Exped., geol. Theil, vol. i., Paläont., p. 229, pl. xxiii. fig. 8, *a.b.*  
*Cristellaria crepidula*, Parker and Jones, 1865, Phil. Trans., vol. clv. p. 344, pl. xiii. figs. 15, 16; pl. xvi. fig. 4.  
 „ *kochi*, Reuss, 1866, Denkschr. d. k. Akad. Wiss. Wien, vol. xxv. p. 139, pl. ii. fig. 35, *a.b.*  
 „ *galeata*, Id. Ibid. p. 141, pl. iii. fig. 8, *a.b.*

Fichtel and Moll's figures of *Nautilus crepidula* embody the typical characters of a large group of the weaker varieties of *Cristellaria* distinguished by their compressed form, elongate-oval outline, and long oblique segments. The term may properly be confined to forms which have a thin, rounded, non-carinate periphery, and smooth exterior.