

segments of the final pair are relatively large, and constitute the principal part of the whole visible shell.

*Pleurostomella rapa* has been found in company with the species last described, in coral-sand dredged off the Ki Islands, at a depth of 129 fathoms.

Prof. Gümbel's fossil specimens were from the Eocene marl of the Götzreuther Graben in the Bavarian Alps.

*Pleurostomella alternans*, Schwager (Pl. LI. figs. 22, 23).

- Pleurostomella alternans*, Schwager, 1866, Novara-Exped., geol. Theil, vol. ii. p. 238, pl. vi. figs. 79, 80.  
 „ *eocæna*, Gümbel, 1868, Abh. d. k. bayer. Ak. Wiss., II. Cl., vol. x. p. 630, pl. i. fig. 53.  
 „ „ Hantken, 1875, Mittheil. Jahrb. d. k. ung. geol. Anstalt, vol. iv. p. 44, pl. xiii. fig. 17.  
 „ *alternans*, Terrigi, 1880, Atti dell' Accad. Pont., ann. xxxiii. p. 199, pl. ii. fig. 46.  
 „ *obtusata*, Berthelin, 1880, Mém. Soc. géol. France, sér. 3, vol. i., Mém. V., p. 29, pl. i. fig. 9.  
 „ *reussi*, Id. Ibid. p. 28, pl. i. figs. 10-12.

The specimens figured by Dr. Schwager under the name *Pleurostomella alternans* exhibit in their fullest development the typical features of the genus. I find no character in the *Pleurostomella eocæna* of Gümbel not provided for by this species; and if the latitude as to minor particulars indicated by the original drawings be admitted, two of the specific names introduced by M. Berthelin are also needless. It is quite evident, from the variability of the recent specimens of *Pleurostomella alternans*, that an even wider morphological range than that suggested by Dr. Schwager may safely be included within its specific limits.

In the living condition, *Pleurostomella alternans* has been obtained from near the Ki Islands, south-west of Papua, 129 fathoms; and from a single Station south of the Low Archipelago, 2075 fathoms.

Under one name or other, the occurrence of fossil specimens has been recorded from the Cretaceous formation of France (Berthelin), from the early Tertiaries of the Bavarian Alps (Gümbel), from the middle Tertiaries of Hungary (Hantken), and from the later Tertiaries of the neighbourhood of Rome (Terrigi), and of the Nicobar Islands (Schwager).

*Pleurostomella subnodosa*, Reuss (Pl. LII. figs. 12, 13).

- Nodosaria nodosa* (pars), Reuss, 1845, Verstein. Böhm. Kreid., pt. 1, p. 28, pl. xiii. fig. 22 (*fide* Reuss).  
*Dentalina subnodosa* (pars), Id. 1850, Haidinger's Naturw. Abhandl., vol. iv. p. 24, pl. i. fig. 9 (*fide* Reuss).  
*Pleurostomella subnodosa*, Id. 1860, Sitzungsber. d. k. Ak. Wiss. Wien, vol. xl. p. 204, pl. viii. fig. 2, a. b.  
 „ „ Marsson, 1878, Mittheil. Naturw. Vereine Neu-Vorpom. u. Rügen, Jahrg. x. p. 133.