

- Uvigerina urnula*, d'Orbigny, 1846, For. Foss. Vien., p. 189, pl. xi. figs. 21, 22.
 „ *irregularis*, Brady, 1865, Nat. Hist. Trans. Northd. and Durham, vol. i. p. 100, pl. xii.
 fig. 5.
 „ *proboscidea*, Schwager, 1866, Novara-Exped., geol. Theil, vol. ii. p. 250, pl. vii.
 fig. 96.
 „ *farinosa*, Hantken, 1875, Mittheil. Jahrb. d. k. ung. geol. Anstalt, vol. iv. p. 62, pl. vii.
 fig. 6.

With some allowance for variability of outline, the *Uvigerina canariensis* of d'Orbigny serves as a good type of the smooth-shelled members of the genus. Such forms are not nearly so common as the costate and aculeate species, and it is seldom that their tests are quite so regularly triserial as depicted in the original figure. Sometimes the earlier segments are faintly ribbed externally, as shown in d'Orbigny's drawings of *Uvigerina urnula*, but this is a character of so little importance that it is not even mentioned in the Latin description of that form.

The distribution of the species, so far as at present known, is as follows:—off Bermuda, 435 fathoms; shore-sand Teneriffe (d'Orbigny); South Atlantic, east of Buenos Ayres, 1900 fathoms; off the Cape of Good Hope, 150 fathoms; and at five Stations in the South Pacific, 40 fathoms to 1375 fathoms, notably amongst the islands on the west coast of Patagonia. It has been found both by Mr. Siddall and myself on the British coast, and by the Rev. A. M. Norman in the North Atlantic, on the line of the Falmouth and Lisbon telegraph-cable.

D'Orbigny's fossil specimens (*Uvigerina urnula*) were obtained from the Miocene of the Vienna Basin; von Hantken's (*Uvigerina farinosa*), from the lower *Clavulina-szabói* beds of Ofen, Hungary; and Schwager's (*Uvigerina proboscidea*) from the Pliocene of Kar Nicobar. I have also a note of its occurrence in the Crag of the east of England.

Uvigerina tenuistriata, Reuss (Pl. LXXIV. figs. 4-7).

Uvigerina tenuistriata, Reuss, 1870, Sitzungsab. d. k. Ak. Wiss. Wien, vol. lxii. p. 485.—Schlicht, 1870, Foram. Pietzpuhl, pl. xxii. figs. 34-36.

Von Schlicht has figured (*loc. cit.*) specimens very similar to those portrayed in Pl. LXXIV. figs. 6, 7, but scarcely so well characterised; and von Reuss has assigned to them the name *Uvigerina tenuistriata*, adding a remark, that, after all, it is very possible the species is only a finely striate variety of the polymorphic *Uvigerina pygmaea*. In this latter view I entirely coincide; nevertheless the variety is better defined than many forms generally accepted as distinct, and it has in addition some peculiarities of distribution.

Uvigerina tenuistriata occurs in the Southern Ocean, off Heard Island, 75 fathoms; amongst the islands on the west coast of Patagonia, 40 to 140 fathoms; off Raine Island, Torres Strait, 155 fathoms; and off the Philippine Islands, 95 fathoms.