

under notice, sufficiently distinct in general contour to rank as local varieties, and as such they have been treated separately.

The distribution of *Miliolina bicornis* is exceedingly wide, but confined to the temperate and tropical zones; and no more characteristic specimens are to be found than those from our own coast. Like most of its congeners it affects shallow water—from shore-pools to a depth of 40 or 50 fathoms; in rare cases as low as 120 fathoms.

In the fossil condition good representatives of the species are recorded, under one name or other, in marine deposits of almost every age, from the Miocene epoch to the present time.

Miliolina boueana, d'Orbigny, sp. (Pl. VII. fig. 13, *a.b.c.*).

Triloculina brongniartiana (?), d'Orbigny, 1839, Foram. Cuba, p. 156, pl. x. figs. 6–8.

Quinqueloculina boueana, Id. 1846, For. Foss. Vien., p. 293, pl. xix. figs. 7–9.

„ *nussdorfensis*, Id. Ibid. p. 295. pl. xix. figs. 13–15.

Triloculina striatella, Karrer, 1868, Sitzungsab. d. k. Ak. Wiss. Wien., vol. lvii. p. 140, pl. ii. fig. 2.

Quinqueloculina costata, Terquem, 1878, Mém. Soc. géol. Fr., sér. 3, vol. iii. p. 63, pl. vi. figs. 3, 5.

Miliolina boueana is nothing more than a compact and regular variety of *Miliolina bicornis*, with distinct and neatly rounded segments. *Quinqueloculina nussdorfensis* of the “Vienna Basin” memoir is the same, with characters a little nearer *Miliolina bicornis* itself; indeed the figures of the species given by Costa (Atti dell' Accad. Pont. vol. vii., pl. xxv. fig. 11) are distinctly referable to the typical form. *Triloculina brongniartiana*, d'Orbigny, and *Triloculina striatella*, Karrer, appear to me to be only young examples, in a Triloculine condition, of the species under notice.

The distribution of *Miliolina boueana* is probably coextensive with that of *Miliolina bicornis*.

Miliolina scrobiculata, n. sp. (Pl. CXIII. fig. 15, *a.b.c.*).

Test usually Triloculine; elliptical, compressed, margin rounded. Segments neatly and evenly fitted so that the end view is of long oval contour. Mouth a long, narrow, oval fissure, occupying almost the entire width of the final segment, surrounded by a thickened lip. Surface longitudinally striate. Length, $\frac{1}{16}$ th inch (0.63 mm.).

Though *Miliolina scrobiculata* is probably only a local variety of *Miliolina bicornis*, the specimens possess remarkably uniform characters. All that have been met with are Triloculine, and have the flattened and rounded contour and elongated mouth delineated in the figures.

In a batch of sand collected on the shore at Tamatavé, Madagascar, it is a not uncommon form, and except for a few examples from one of the Challenger Stations (Nares Harbour, 17 fathoms), this is the only point at which its occurrence has been noted.