

The genus may be regarded emphatically as abyssal; the mean depth at which the species here enumerated occurred, being not less than 1500 to 1600 fathoms, or from 450 to 2750 fathoms.

(1) *Farciminaria atlantica*, n. sp. (Pl. XXXI. fig. 6).

*Character*.—Zoarium 2 to 3 inches high, arising in a single slender stem from a dense tuft of radical fibres, and dividing into several furcate branches. Zoecia multiserial, elongate oblong, rounded at the top and slightly prominent; contracted downwards; the sides of the front beset with numerous, simple, incurved, equidistant aculeate spines. A rather large immersed avicularium of an oval form with a semicircular mandible pointing upwards, at the bottom of the front in the middle. Oœcium immersed, surface smooth (not aculeate).

*Habitat*.—Station 23, off Sombbrero Island, 450 fathoms, Pteropod ooze. Station 24, off Culebra Island, 390 fathoms, Pteropod ooze.

Differs from the Australian *Farciminaria aculeata*, Bk., which it otherwise strongly resembles, in the aculeate marginal spines being simple and not furcate, as they mostly are in that species; in the smoothness and comparatively smaller size of the oœcium; and in the presence on very many of the zoecia of a large avicularium.

(2) *Farciminaria cribraria*, n. sp. (Pl. V. fig. 2).

*Character*.—Zoarium 3 to 4 inches high. Zoecia about 0''·05 long; wall reticulate or cribriform. A sessile prominent avicularium at the base of each in front, cup-shaped, with a pointed beak and acute, curved, triangular mandible. Oœcium flattened in front.

*Habitat*.—Station 323, lat. 35° 39' S., long. 50° 47' W., 1900 fathoms, blue mud.

The very peculiar reticulated structure of the walls is a remarkable characteristic of this species.

(3) *Farciminaria magna*, n. sp. (Pl. V. fig. 1).

*Character*.—Zoarium 5 to 6 inches high; branches very long and straggling. Zoecia from 0''·055 to 0''·07 long by 0''·015 wide. Walls thin, angles quite sharp, upper border level with the surface. Oœcia large, somewhat flattened, partially immersed, with a vertical depression in the centre of the front; surface slightly wrinkled; with or without avicularia.