

(6) *Farciminaria gracilis*, n. sp. (Pl. V. fig. 3).

*Character*.—Zoarium 1 to 1½ inches high, branches short, slender, curved, once or twice forked. Zoœcia 0"·05 to ·06 long, slightly narrowing downwards; upper border projecting, lip protruding. A globose, cup-shaped avicularium placed rather to one side, with a triangular obtusely pointed mandible, which is directed obliquely downwards and outwards. Oœcium lofty, constricted below, with an arched lower border forming a blunt process on either side.

*Habitat*.—Station 70, lat. 38° 25' N., long. 35° 50' W., 1675 fathoms, Globigerina ooze. Station 122, lat. 9° 5' S., long. 34° 50' W., 32 to 400 fathoms, red mud.

The small size and peculiarly curved, divaricate, slender branches, at once serve to distinguish this species.

(7) *Farciminaria delicatissima*, n. sp. (Pl. XXXI. fig. 5).

*Character*.—Zoarium from 2 to 3 inches high, composed of once or twice forked straight branches. Zoœcia 0"·10 to ·11 long, much attenuated downwards; upper border subcucullate. Orifice very prominent when open; walls exceedingly delicate and flexible. No avicularia. Oœcium subconical, rounded in front, enveloped above in a prolongation of the epitheca or epidermis; lower border even. A long pouch distinct from the zoœcial cavity in front of each oœcial cell.

*Habitat*.—Station 13, lat. 21° 38' N., long. 44° 39' W., 1900 fathoms, Globigerina ooze. Station 68, lat. 38° 3' N., long. 39° 19' W., 2175 fathoms, Globigerina ooze. Station 64, lat. 35° 35' N., long. 50° 27' W., red clay. Station 89, lat. 22° 18' N., long. 22° 2' W., 2400 fathoms, Globigerina ooze. Station 106, lat. 1° 47' N., long. 24° 26' W., 1850 fathoms, Globigerina ooze. Station 14, lat. 21° 1' N., long. 46° 29' W., 1950 fathoms, Globigerina ooze.

(8) *Farciminaria hexagona*, n. sp. (Pl. XIV. fig. 10, and Pl. XXXI fig. 3).

*Character*.—Zoarium 7 to 8 inches high, composed of very long, straggling, straight, or slightly curved branches, twice furcate; sometimes with a broad web uniting the branches at the bottom of a bifurcation. Zoœcia in six series; 0"·04 to ·05 long., narrow; walls very thin and transparent, angles sharp; upper border quite level. Orifice small, prominent, but with a very narrow chitinous border. Oœcia?

*Habitat*.—Station 145, lat. 46° 43' S., long. 38° 4' E., 140 to 310 fathoms. Station 196, lat. 0° 48' S., long. 126° 58' E., 825 fathoms, hard ground. Station 195, lat. 4° 21' S., long. 129° 7' E., 1425 fathoms, blue mud.