

Talivittaticella problematica (d'Hondt, 1981). Gordon, 1989, p.23, pl.10A.

***Talivittaticella problematica* (d'Hondt) (Plate 10, A)**

Orthoscuticella(?) problematicum d'Hondt, 1981: 42; d'Hondt 1983: 76;
d'Hondt & Schopf 1984: 939.

MATERIAL EXAMINED: NZOI Stn E800; also Muséum national d'Histoire naturelle, Paris, specimens from Atlantis II Stn 167, 7°54'S, 34°17'W, 1000 m depth off Recife, Brazil.

DISTRIBUTION: Deep water off southwestern South Island; 993-1003 m. Also Brazil to Uruguay.

DESCRIPTION: Colony erect, branching, to 46 mm high, comprising slender jointed segments of 1-2 zooids. Single zooids 0.67-0.94 x 0.25-0.32 mm, with a small V- or U-shaped field of or 4-6 tiny costae; the pair of costae forming the proximal rim of the orifice largest, roundly quadrate, with a conspicuous lumen pore in each; the other costae converging to a point proximal to the suture between the larger costae; each small costa has an associated infracostal window; 1-4 such windows define the border of the shield. Orifice high arched, generally a little longer than wide. Proximolateral pore-chambers elongate, extending to the level of the most proximal part of the shield, with a line of small pores. Pore-chambers adjacent to the orifice continuous with the distal chamber via a constriction unless avicularia are present, in which case they are separate. Avicularia small, with a crossbar. Fertile segment bizooidal, subterminal, 1.04-1.24 x 0.43-0.46 mm, frontal wall similar to that of autozooid but with only the two suborifical costae in the distal zooid of the segment, which also has paired distolateral avicularia or these lacking.

REMARKS: Three species pertaining to this genus were described and illustrated in some detail by Gordon and d'Hondt (1985).

