

# TABULIMICROCYSTIS

Habib and Knapp 1972

Description: Acolths with angular outline containing polygonal fields defined by straight septal boundaries. Septa fields separated by equatorial flange into upper and lower surfaces. Outline in polar view tetragonal, pentagonal or triangular; in equatorial view subpolygonal. Number of fields fewer than 10. Radial septa bisecting interradial margin of equatorial flange on upper surface, but extending to radial corners instead on lower surface. Aperture a simple linear split on lower surface within single septal field. Squate processes present or not present. Ornamentation variable.

Type species: *T. tetragonus* H. & K., p. 364, pl.

Comments: distinguished by its polygonal outline, equatorially differentiated septate polygonal fields and simple aperture. The fields are 4-sided or 3-sided and vary in shape from rhombohedral to

triangular. Polyedryxium displays a different arrangement of septate fields; it also possesses membranes with pronounced ornamentation consisting of funnel or chimney-shaped processes.

Symatophæra and Symatophæropsis possess polygonal fields without equatorial separation. None of the above genera apparently possess an aperture.