

***Calyptotheca rupicola* sp.nov.**
(Figs 9F, 10A,B)

TYPE MATERIAL

HOLOTYPE: QMG304959, Stn.7

PARATYPE: QMG304966, Stn.B21

DESCRIPTION

Colony a spreading, unilaminar sheet. Autozooids rectangular to irregularly polygonal, flat, separated by thick, raised sutures. Primary orifice broader than long; proximal border shallowly concave between short, rounded condyles. Frontal shield densely perforated, the perforations interspaced with smooth, rounded tubercles, which thicken in later ontogeny. A curved band of especially large tubercles extends around the proximal and lateral borders of the orifice, constituting a distinct peristomial rim. Avicularia rather rare; when present, proximo-lateral to orifice, on a slightly inflated cystid; rostrum 0.2mm long, bluntly triangular, directed medially. Ovicell recumbent on distally succeeding autozooid, not crossed by sutures; slightly broader than long, distinctly flattened; perforation and tuberculation uniform with frontal shield.

Measurements (means and standard deviations of 20 values, mm): autozooid length 0.65 ± 0.06 ; width 0.41 ± 0.06 ; orifice length 0.13 ± 0.007 ; width 0.19 ± 0.007 .

REMARKS

The shape of the primary orifice, and the orientation of the adventitious avicularium in relation to it, together distinguish this species from other described species of *Calyptotheca*.

ETYMOLOGY

Latin, *rupes*, rock.

