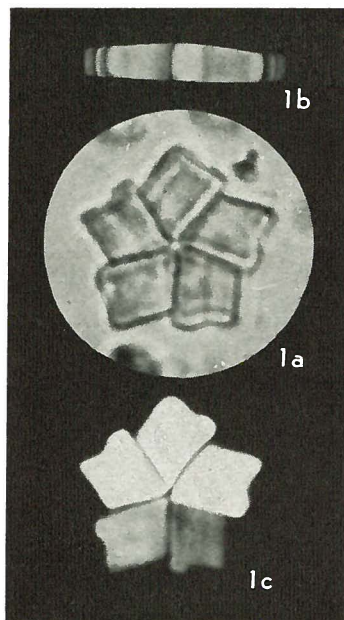


**Micrantholithus concinns** BRAMLETTE & SULLIVAN, 1961



FIGS. 1a-c — *Micrantholithus concinns* BRAMLETTE & SULLIVAN, n. sp.  
a, plan view; b, side view, drawing; c, plan view, crossed nicols. x 2000 ca.

**Description:**

Pentaliths consisting of five segments with asymmetrically bilobate outer margins. Major lobe of each segment broad, with sides paralleling the sutures and with rounded tip. Overall diameter 10–13  $\mu$ .

**Remarks:**

The pentaliths of this species are distinct from the bilobate variant of *Micrantholithus bramlettei* in that the outer margins of the segments show that the major lobe is wide and much less extended. No gradation between the two forms was observed, although they appear to be closely related. As in *M. bramlettei*, the thickening adjacent to the sutures supports the generic assignment.

**Type level:**

Paleocene.

Distribution: Locally rare in Unit 2 (Paleocene).

**Type locality:**

Lodo section, northwestern Fresno County, central California, U.S.A.

**Depository:**

U.S. National Museum. Holotype: U.S.N.M. 564293, Lodo 32.

**Author:**

Bramlette M.N. and Sullivan F.R., 1961, p. 155; pl. 9, figs. 1a-c.

**Reference:**

Coccolithophorids and related Nannoplankton of the early Tertiary in California. *Micro-paleontology*, vol. 7, n° 2, pp. 129-188, pls. 1-14.