
SCALE BAR=5µm

1 - 10
Name. For the late Professor Emeritus Kiyoshi Asano of Tohoku University (1910-1989).

Description. This species is a circular to subcircular placolith. The distal shield is composed of 60 to 70 non-imbricated or slightly imbricated elements, and the outer margin is serrated. The proximal shield is slightly smaller than the distal shield. The collar is wide and protrudes distally. The central opening, which is 1/3 the diameter of the whole coccolith, is spanned by a grill, but this fragile structure is broken in most of the
specimens. In crossed polarized light, the distal shield is bright, and the extinction cross is clearly visible to the edge of the shield.

**Remarks.** Reticulofenestra asanoi differs from *R. pseudoumbilica* in having a narrow shield, wide collar, and a circular to subcircular form. The new species resembles *Crenalithus doronicoides*, but differs from it by its larger size and circular to subcircular outline.

**Size.** About 6 to 8 µm.

**Occurrence.** *Reticulofenestra asanoi* occurs abundantly in the Middle Pleistocene (1.06-0.83 Ma).

**Holotype.** TOCCN 16950(4) (Figs. 3-8a, b).

**Paratypes.** TOCCN 16950(1), (2), (5) (Figs. 3-7,9, 10), and TOCCNs 419, 420, 417 (Figs. 3-11, 12, 13).

**Type locality.** Locality No. BSUS16 of Sato *et al.* (1988), just above the tephra bed U6 of the Umegase Formation in the Boso Peninsula, Chiba Prefecture, Japan.

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