**Lophodolithus acutus** 

**Bukry & Percival, 1971**

Description:

This broadly elliptic species has a narrow rim which is expanded into a flange on one side and one end, producing an asymmetric form. The large central area is open except for a single crossbar that spans the central opening in approximate alignment with the short axis of the elliptic outline. The narrow side and end of the rim meet at a distinctive right angle or slightly acute angle that contrasts the broadly rounded rim at the diagonally opposite position on the rim.

Size: 10 to 12 microns.

Remarks:

The distinctive thinning of the rim toward one end with one limb almost a straight line, and the right angle or acute angle at one position in the rim distinguish *Lophodolithus acutus* from similar species such as *Lophodolithus mochlophorus* Deflandre, *Lophodolithus nascens* Bramlette & Sullivan, and *Lophodolithus rotundus* Bukry & Percival, all of which have broadly oval, bilaterally symmetric rims.

Type level:

Middle Eocene.

Occurrence: *Lophodolithus acutus* is known from the middle Eocene Aragon Formation of Mexico and has been observed from the middle Eocene of California (M. N. Bramlette, personal communication, 1970).
Type locality:

Formación Aragón, El Rio la Puerta, west-southwest of La Antiqua, Mexico.

Depository:


Author:

Bukry D. and Percival S.F., Jr., 1971, p. 132; pl. 5, figs. 3-5.

Reference: