

Sollasites bipolaris ROOD, HAY & BARNARD, 1971



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Fig. 3 — *Sollasites bipolaris* n. sp. Proximal side. Holotype: 27.6.1. Millbrook (Bedfordshire); *mariae* zone - *praecordatum* subzone (4941). Electron micrograph of platinum-shadowed carbon replica. x 13,500.

Description:

Diagnosis: A species of *Sollasites* with two pairs of concentric bars surrounding the foci of the elliptical central area.

Description: The central structure consists of a transverse bar which expands towards the margin, but may not be complete at the center. In each end of the coccolith, symmetrical about the foci of the elliptical central area, are two concentric curved bars. The inner pair of concentric bars forms a figure 8, the outer pair a more open figure.

Size: Length 3.0 μm , width 2.0 μm .

Remarks:

The bipolar nature of the bars of this species serves to distinguish it readily from other members of the genus.

Type level:

Oxfordian, *mariae* zone - *praecordatum* subzone (4941).

Type locality:

Millbrook (Bedfordshire), England.

Depository:

Micropaleontology Department, University college, London. Holotype: 27.6.1; paratypes: 28.13.1 and 32.12.2.

Author:

Rood A.P., Hay W.W. and Barnard T., 1971, p. 265; pl. 4, fig. 3.

Reference:

Electron microscope studies of Oxford Clay Coccoliths. *Eclogae geol. Helv.*, vol. 64, n° 2, pp. 245-272, pls. 1-5, 3 text-figs.