

29. *Fasciculithus Bramlette and Sullivan (1961) emend. Aubry in Aubry et al. (2011)*

Type species: *Fasciculithus involutus* Bramlette and Sullivan 1961, p. 164, plate 14, figures 1a-c, 2a, b, 3a, b, 4a, b, 5a, b

Emended definition: fasciculiths comprised of a column with a narrow central canal, consisting of radially arranged wedge-shaped elements that meet along the vertical axis of the coccolith. The column is directly surmounted by the calyptra, consisting of a cycle of wedge-shaped elements with dextral imbrication separated by sutures with slight anticlockwise curvature.

Remarks: *Fasciculithus* differs from *Lithoptychius* in being comprised of only two structural units. *Fasciculithus* has neither collaret nor central body. It differs from *Gomphiolithus* that is essentially formed by the column and possesses a central body. The genus *Fasciculithus* diversified as part of the second radiation of the fasciculiths.

Aubry, M.P., Bord, D. & Rodriguez, O., 2011. New taxa of the Order Discoasterales Hay 1977. *Micropaleontology*, **57(3)**: 269-287.