

59. *Pervolithus* Crux (1981)

Type Species: *Pervolithus varius* n. sp.

Diagnosis: Cylindrical calcareous nannofossil with straight sides composed of 8 to 12 elements, twisted in a spiral fashion.

Description: This as yet monospecific genus appears in the light microscope (phase contrast) as a bright ring of 8 to 12 elements which interlock. Under x-nicols in 8 element forms, alternate elements are light and dark, whereas in forms with more elements only 4 elements go dark, the rest remain light.

Remarks: This genus differs from *Lithastrinus* STRADNER (1962) in lacking a constriction of the cylinder and also from *Cylindralithus* BRAMLETTE & MARTINI (1964) which has a basal plate.

Crux, J. A., 1981. New calcareous nannofossil taxa from the Cretaceous of South East England. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte*, **10**: 633-640.