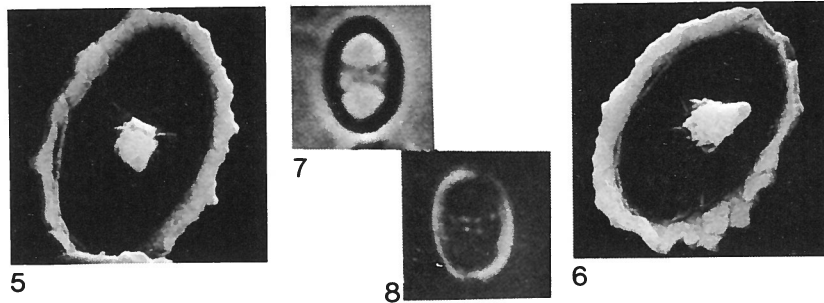


Paractinozygus gorodishchensis COOPER, 1987



Figs. 5-8 - *Paractinozygus gorodishchensis* n. sp.
5) (holotype) distal view, $\times 6825$ (SEM). UCL-1513-23. « Kimmeridgian », Sample 2, Gorodishche, USSR. 6) (isotype) distal view, $\times 7275$ (SEM). UCL-1502-7. « Kimmeridgian », Sample 2, Gorodishche, USSR. 7) (isotype) phase contrast with one nicol, $\times 3180$. UCL-1507-24. « Kimmeridgian », Sample 2, Gorodishche, USSR. 8) (isotype) crossed-nicols, $\times 3000$. UCL-1507-25. « Kimmeridgian », Sample 2, Gorodishche, USSR.

Description:

Diagnosis: a species of *Paractinozygus* with a cross-bar made up of large blade-like elements which is wider at the rim than at the centre.

Description: An elliptical coccolith which consists of two cycles of elements. The distal cycle consists of about 30-38 large, irregularly sized blades which are not imbricated. The proximal rim is small and composed of small flat elements, and it is from this proximal rim that the cross-bar originates. The cross-bar is made up of large flat elements and is wider at the rim than at the centre, which supports the spine.

Dimensions: Length $4.6 \mu\text{m}$., width $2.4 \mu\text{m}$.

Derivation of name: From the type locality, Gorodishche.

Remarks:

Differentiation: *Paractinozygus gorodishchensis* differs from *Zygodiscus elegans* in having a Stephanolithiaceae rim and by the flaring of the cross-bar.

Remarks: There is a close affinity to the genus *Actinozygus* and *P. gorodishchensis* may have evolved from *A. geometricus* by consolidation of the three pairs of radiating arms.

Type level:

Panderi Zone, zarasjkensis Subzone, Middle Volgian. Range: « Kimmeridgian » - Middle Volgian.

Type locality:

Gorodishche, U.S.S.R.

Depository:

Postgraduate Unit of Micropaleontology, Department of Geology, University College London, London. Holotype: Negative No. UCL-1513-23. Isotypes: Negative No's UCL-1502-7, UCL-1507-24, UCL-1507-25.

Author:

Cooper M.K.E., 1987, p. 607; fig. 1 (5-8).

Reference:

New calcareous nannofossils taxa from the Volgian Stage (Upper Jurassic) lectostratotype site at Gorodishche, U.S.S.R. N. Jb. Geol. Palaont. Mh., vol. 10, pp. 606-612, 1 fig.