

Pyrocyclus inversus HAY & TOWE, 1962

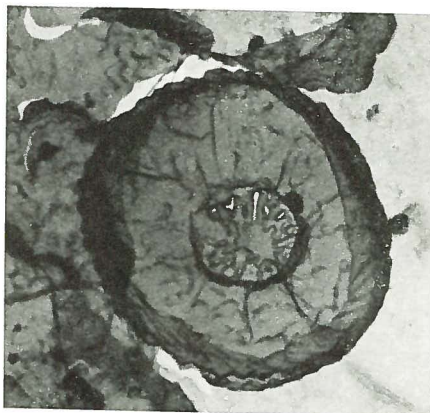


FIG. 6 — *Pyrocyclus inversus* HAY & TOWE
sp. nov., top view, Holotype: UI-EML-2094C,
x 15000.

Description:

Diagnosis — A species of coccolith distinguished by its elliptical outline, outer cycle of plates with strongly inclined sutures and circular, depressed, perforate central area.

Description — In top view elliptical, margin serrate, outer cycle consisting of about 50 wedge-shaped plates with strong sinistral imbrication; medial cycle with about 20 ?? large overlapping flat plates, the sutures having a slight counterclockwise inclination; central area depressed, a plate with irregular ramose perforations.

Dimensions of Holotype — Length, 6 μ ; width, 4,5 μ .

Remarks:

Relationships — This species, with the strong inclination of the marginal cycle of plates, appears to be unique. No other coccolith observed in the electron microscope to the present shows this feature.

Type level:

Couches de Donzacq, Cuisian.

Type locality:

Tuilerie de Donzacq, Landes, France.

Depository:

Electron Microscope Laboratory, Department of Geology, University of Illinois, Urbana.
Holotype: UI-EML-2094C.

Author:

Hay W.W. and Towe K.M., 1962, p. 513; pl. 4, fig. 6.

Reference:

Electronmicroscopic Examination of some Coccoliths from Donzacq (France). Ecl. geol. Helvetiae, vol. 55, n° 2, pp. 497-517, pls. 1-10, text-figs. 1, 2.