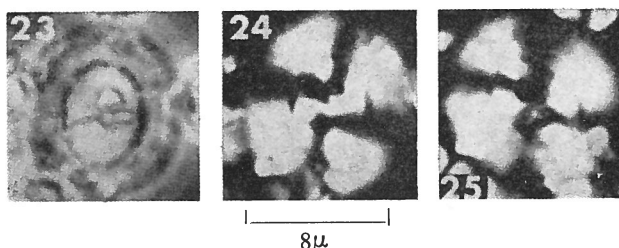


**Watznaueria cynthae** WORSLEY, 1971



Figs. 23-25 — *Watznaueria cynthae*, n. sp., proximal view; 23) micrographed in phase contrast illumination; 24) micrographed in cross polarized light with long dimension of specimen parallel to one vibration direction; 25) micrographed in cross polarized light with long dimension of specimen 45° to the vibration directions; (23-25) Holotype UI-H-4344.

**Description:**

A large, slightly elliptical species of *Watznaueria* with two large pores in the central area diagonally situated about the center with respect to the axes of the elliptical outline of the placolith. The central area is distinctly more elliptical than the margin. The proximal shield consists of about 60 radial elements and is joined to the distal shield by a robust tube.

**Remarks:**

*W. cynthae* strongly resembles *Coccolithus deflandrei* MANIVIT in size and construction but the latter contains no central pores.

**Type level:**

Berriasian-Valanginian.

Occurrence: Kimmeridgian-Valanginian. Very rare in Hauterivian (reworked?).

**Type locality:**

Caribbean Sea. JOIDES, DSDP, Leg 1, holes 4 and 5A, samples A-E.

**Depository:**

Department of Geology, University of Illinois, Urbana, Illinois. Holotype: UI-H-4344.

**Author:**

Worsley T.R., 1971, p. 1314; pl. 2, figs. 23-25.

**Reference:**

Calcareous nannofossil zonation of Upper Jurassic and Lower Cretaceous sediments from the Western Atlantic. Proc. II Plank. Conf. Roma 1970, pp. 1301-1321, pls. 1, 2, 1 text-fig., 1 tab., Tecnoscienza.