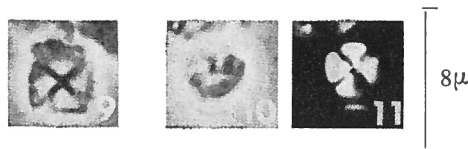


**Tetralithus malticus** WORSLEY, 1971



Figs. 9-11 — *Tetralithus malticus*, n. sp. 9) micrographed in phase contrast illumination, Holotype UI-H-4338; 10) micrographed in phase contrast illumination; 11) micrographed in cross polarized light with long dimension of specimen parallel to one vibration direction; (10, 11) Paratype UI-H-4339.

**Description:**

A small species of *Tetralithus* composed of 4 sutured triangular to subtriangular wedges whose peripheral edges form a square outline in plan view. The sutures between these wedges diagonally bisect the square outline and may be straight or inclined. Imbrication of the sutures is usually slight but may be strong. The strongly imbricate specimens appear to have «L»-shaped wedges constructed in the shape of a swastica. A notch is almost invariably present at the 4 corners of the square outline because the peripheral corners of the triangular wedges are rounded.

**Remarks:**

This species somewhat resembles *T. murus* MARTINI and *T. copulatus* DEFLANDRE but both these are known only from the Upper Cretaceous.

**Type level:**

Kimmeridgian-Portlandian.

Occurrence: Kimmeridgian-Hauterivian.

**Type locality:**

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

**Depository:**

Department of Geology, University of Illinois, Urbana, Illinois.  
Holotype: UI-H-4338; paratype: UI-H-4339.

**Author:**

Worsley T.R., 1971, p. 1313; pl. 2, figs. 9-11.

**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.