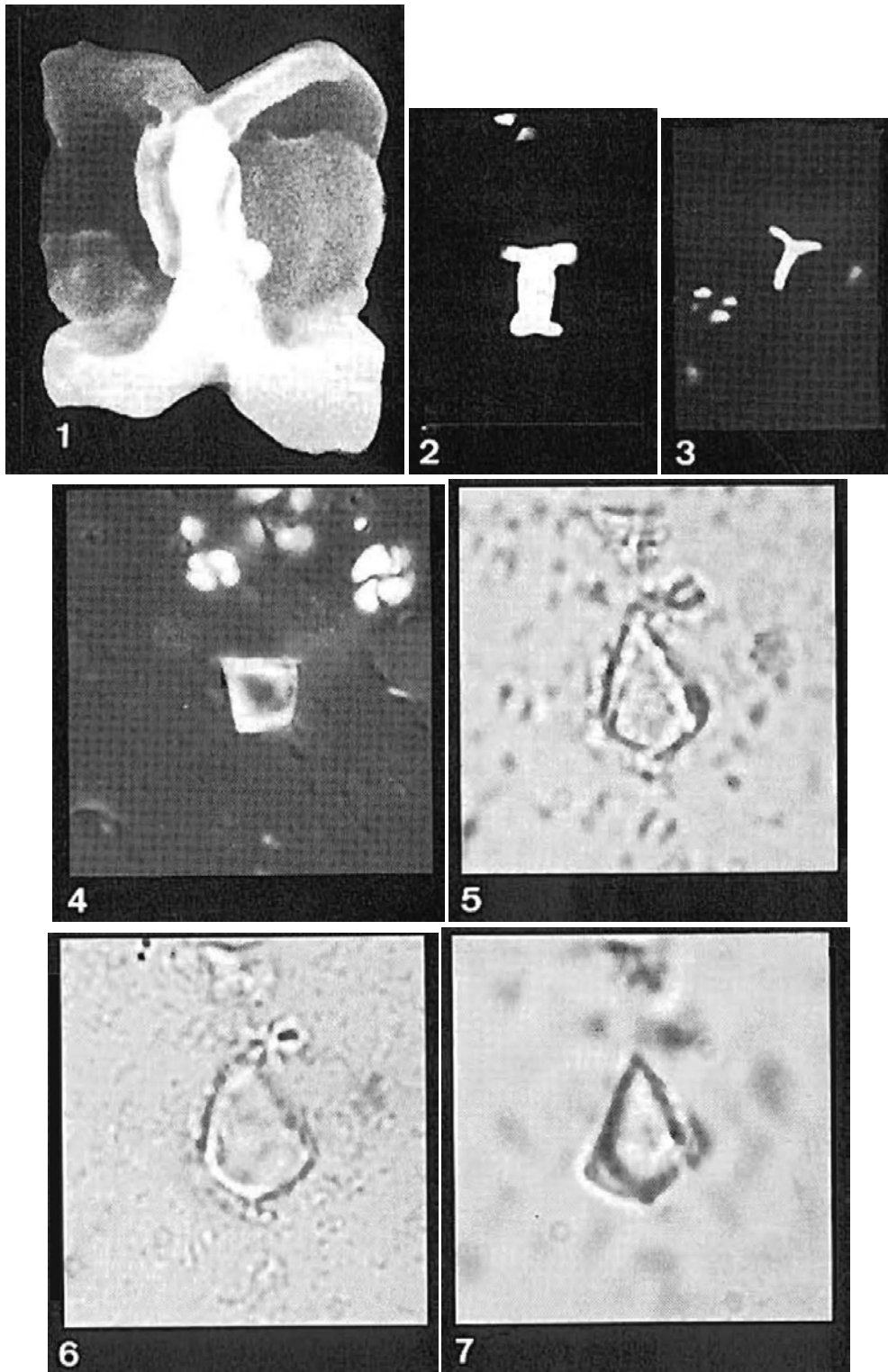


158. *Minylitha convallis* Bukry (1973) emend. Theodoridis (1984)



Pl. 4, figs 1-7

Minylitha convallis Bukry.1973, p. 679. pl. 1, figs. 12-18.

Description: Nannoliths consisting of two polygonal convexo-concave calcite elements.

The elements are usually four-sided with the two adjacent sides long and the other two sides short. The two elements are attached to each other by their convex surfaces, the attachment being along their longer axis. Between crossed nicols, the basal or apical view of *M. convallis* roughly resembles the letter X and in this view the specimens show maximum birefringence.

Remarks: Bukry (1973) observed only the side view of *M. convallis*. His description is, therefore, incomplete and does not permit the identification of specimens in basal (or apical) view. The construction of *M. convallis* does not indicate a "relation" with a pentolith as suggested by Bukry. It is more likely that the nannolith of *M. convallis* is a complete nannolith and not a fragment of a larger structural unit such as a placolith or a pentolith.

Occurrence: The species is common or abundant throughout the *M. convallis* Zone.

Theodoridis, S., 1984. Calcareous nannofossil biozonation of the Miocene and revision of the helicoliths and discoasters. *Utrecht Micropaleontological Bulletins*, **32**: 271pp.