

Kamptnerius magnificus sculptus BUKRY, 1969

Kamptnerius magnificus DEFLANDRE, Reinhardt, 1966, p. 22; pl. 17, figs. 1, 2;
pl. 18, figs. 1, 2. Freiburger Forschungsh., C 196, Leipzig.



Figs. 10-12 — *Kamptnerius magnificus sculptus* BUKRY, n. ssp., 10) holotype, proximal view, x 3880;
11) distal, x 6770; 12) proximal, x 3880.

Description:

Within the asymmetric flange, formed by the peripheral rim cycle, this is an elliptical form with an eccentricity of 1.4 to 1.6. The central area is convex distally and the rim tilts up distally toward its margin. A distinctive cross occurs in the central area of the proximal side, becoming less wide away from the center and constructed of elements in a checker arrangement. In proximal view 4 rim tiers appear, the inner one composed of about 80 elements (counts of 75 to 81 were made). The outer rim of the holotype has about 80 elements. Single long elements in strong relief fill the central area between the rim and long axis of the central cross. These maintain an orientation approximately perpendicular to the inner margin of the rim.

Maximum diameter: 18.5 μ .

Remarks:

Distal views show a very rugose shield with only the asymmetric tier visible. Distal-side specimens from the same sample as the proximal holotype give rim counts of 63 to 72 elements.

Type level:

Maastrichtian (Kjölby Gaard chalk).

Known range: Turonian-Maastrichtian.

Type locality:

Kjölby Gaard, Denmark.

Occurrence: Denmark, France, Germany.

Depository:

Geology Department of the University of Illinois, Urbana, Illinois. Holotype, UI-H-3258, proximal view (fig. 10). Primary paratype, UI-H-3257, distal view (fig. 11). Other paratypes, UI-H-3255 through UI-H-3257 and UI-H-3259.

Author:

Bukry D., 1969, p. 25; pl. 5, figs. 10-12.

Reference:

Upper Cretaceous Coccoliths from Texas and Europe. Univ. Kansas Paleont. Contr., Art. 51, (Protista 2), 79 pp., 40 pls., 1 text-fig.