

Ephippium acutiferrus VEKSHINA, 1959

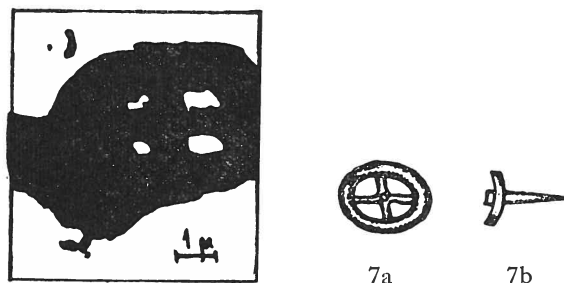


FIG. 4 — *Ephippium acutiferrus* cent. n. Original, top view. Turgai depression, Semiozerno, Maastrichtian, Gan'kino series. x 6000.

FIGS. 7a, b — *Ephippium acutiferrus* cent. n. Holotype: a) top view; b) side view. Turgai depression, Semiozerno, Maastrichtian, Gan'kino series. x 1350.

Description:

Stephanoliths broadly elliptical in shape, of medium dimensions, single-layered, thin. The partition between the openings has the figure of a straight cross with arms diverging along the axes of the ellipse. A short spine, slightly convex in the middle of the partition on one side, on the opposite side changes into a long sharp spine. The form is very stable, even in dimensions. Similar species are unknown.

Dimensions (in μ):

	Holotype	Original 1	Original 2	Original 3
Long axis	6	8	6.75	9
Short axis	3.5	6	3.75	6

Remarks:

Note: A. D. Arkhangel'skii (1910) gives a drawing of the form described, without a name or description, as a consequence of which his work is not indicated in the synonymy.

Material: A large number of well-preserved specimens.

Type level:

Maastrichtian.

Type locality:

Turgai depression, Semiozerno, Gan'kino (series, USSR).

Distribution: Maastrichtian of the Western Siberian Lowland — Uvat, Pokur, Luchinkino, Lar'yak, Zavodoukovsk, Omsk, and Barabinsk; Maastrichtian of the Turgai depression — Eginisai and Semiozerno; Senonian of the Saratov Volga region (Arkhangel'skii, 1910); Maastrichtian of the Northern Caspian region.

Depository:

Collection of VNIGRI. Holotype: n° 3-1.

Author:

Vekshina V. N., 1959, p. 69; pl. 1, fig. 4; pl. 2, figs. 7a, b.

Reference:

Coccolithporidae in Maastrichtian deposits of the Western Siberian Lowland. Tr. Sibirsk. Nauchn.-Issled. Inst. Geol. Geofiz. i Mineraln. Syr'ya n° 2, pp. 56-77, pls. 1, 2, text-fig. 1. (Translated from Russian by Associated Technical Services, Inc., East Orange, N. J.).