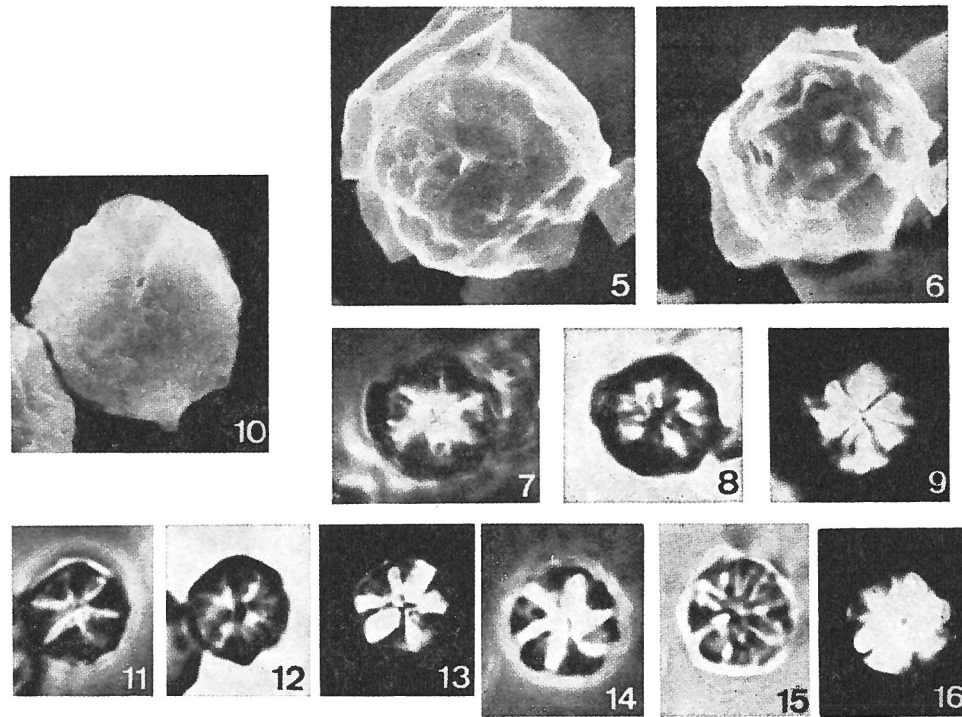


Polycostella beckmannii THIERSTEIN, 1971



Figs. 5-16 — *Polycostella beckmannii* n. sp. Broyon, layer BR4, sample Th 70/351a. 5) Scanning electron micrograph, plan view, 6,000 x, holotype [3617] A907. 6) Scanning electron micrograph, viewed at 45°, 6,000 x, same specimen as fig. 5. 7) Phase contrast, 3,200 x, same specimen as fig. 5. 8) Transmitted light, 3,200 x, same specimen as fig. 5. 9) Cross-polarized light, 3,200 x, same specimen as fig. 5. 10) Scanning electron micrograph, plan view, 6,500 x, paratype [3268] A908. 11) Phase contrast, 3,200 x, same specimen as fig. 10. 12) Transmitted light, 3,200 x, same specimen as fig. 10. 13) Cross-polarized light, 3,200 x, same specimen as fig. 10. 14) Phase contrast, 3,200 x. 15) Transmitted light, 3,200 x, same specimen as fig. 14. 16) Cross-polarized light, 3,200 x, same specimen as fig. 14.

Description:

Generally circular shaped species of the genus *Polycostella* with six to eight ridges on the distal side.

Diameter: 3.5–6 μm .

Remarks:

This species is distinguished from *Polycostella senaria* by its always convex outer margin.

Type level:

Lower Tithonian – Lower Berriasian.

Type locality:

Broyon (Ardèche) in southeastern France, marls above layer BR4.

Depository:

Naturhistorisches Museum Basel. Holotype: [3617] A 907; paratype: [3268] A 908.

Author:

Thierstein H.R., 1971, p. 483; pl. 2, figs. 5-16.

Reference:

Tentative Lower Cretaceous Calcareous Nannoplankton Zonation. *Eclogae geol. Helv.*, vol. 64, n° 3, pp. 459-488, pls. 1-8, 5 text-figs.