

94. *Wigwamma* Manton et al. (1977)

Small coccolithophorids with two equal flagella and a short haptonema. Calcification, when present, limited to the rims of otherwise uncalcified plates, some or all rims carrying a superstructure of rod-shaped crystallites converging to a point distally, each rod attached proximally to a widened crystallite of the rim; other rim crystallites rectangular, straight sided and joined end to end, arranged in two rows parallel to the subtending plate edge with little other differentiation. Patterning on the unmineralized plate centres apparently composed of threads distributed asymmetrically, some more or less radial but others forming a sparse system of spirals or arcs of circles oriented in relation to one or more focal points not coinciding with the geometrical centre of the scale. Some smaller, rimless unmineralized plates with similar patterning also present.

Type species: *W. arctica* sp. nov.

Cellula coccolithophoracea parva duobus flagellis aequalibus et haptonemate unico brevi instructa. Coccolithus calcificatione anulari insignis, margine laminae calcificato, reliqua parte nullam substantiam mineralem praebente lineis asymmetricis ornata. Machina erecta in plurimis vel omnibus coccolithis formata, e quattuor vel interdum duobus crystallitis trabeculiformibus composita apicibus conjunctis quoque basi crystallite anuli marginalis magnitudine affines superante portato. Ceteri crystallitae anulum formantes subrectanguli cum margine laminae paralleli, in duas series ordinati. Squamae nonnullae minores non marginatae substantia minerali omnino carentes etiam formatae.

Species typifica: *W. arctica* sp. nov. in maribus Groenlandiae occidentalis et Canadae arcticae inventa.

Manton, I., Sutherland, J. & Oates, K., 1977. Arctic coccolithophorids: *Wigwamma arctica* gen. et sp. nov. from Greenland and arctic Canada, *W. annulifera* sp. nov. from South Africa and S. Alaska and *Calciarcus alaskensis* gen. et sp. nov. from S. Alaska. *Proceedings of the Royal Society of London, Series B*, **197**: 145-168.