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Pterobranchites Kozłowski, 1981- an aberrant graptolite?

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The periderm of Ordovician *Pterobranchites antiquus* Kozłowski, 1967 has been examined with SEM. Four components have been recognized within the thecal wall: outer lining, cortex, fusellum and inner lining. The cortex material is
composed of thick, straight, unbranched fibrils arranged in several layers as in cortical layer of the graptolite periderm. *P. antiquus*, previously referred to cephalodiscid pterobranchs, is identified as an aberrant graptolite of uncertain
taxonomic position.

Key words: graptolites, pterobranchs, ultrastructure, Ordovician, Poland.

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