

On microstructures of columnals of some Paleozoic crinoids

Edward Głuchowski

Acta Palaeontologica Polonica 27 (1-4), 1982: 77-83

Scanning electron microscope was used to study columnals of crinoids of *Pisocrinus* (?) *costatus* (Shevchenko), *Schyschcatocrinus* sp., *Cyclocaudiculus gracilis* Gluchowski, *Rhysocamax cristata* Moore et Jeffords and *Platycrinites minor* Gluchowski from Silurian, Devonian and Carboniferous deposits of Poland. The presence of microstructures, interpreted as stereom α and stereom β have been confirmed and the occurrence of what is known as "large" microstructures on the lateral surface of the columnals of *Schyschcatocrinus* sp. have been stated. Three types within the "large" microstructures have been distinguished, the first of them marked by a close spacing of round, oval or elongated pores, the second with round, less closely spaced pores and the third - having irregular, labyrinthic furrows and depressions.

Key words: crinoids, microstructures, Paleozoic.

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see creativecommons.org), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.