

Restudy of a 19-th-century dinoflagellate cyst hoiotype from the Polish Upper Jurassic

William A. S. Sarjeant

Acta Palaeontologica Polonica 25 (2), 1980: 279-285

Results are presented of a re-examination of the holotype of *Xanthidium penicillatum*, a species of dinoflagellate cyst first reported by Ehrenberg (1843) from the Corallian of Poland and validly published by him in 1854. It is shown to correspond exactly in morphology with *Systematophora fasciculigera* (Klement, 1960), from the Upper Jurassic of Germany. The new combination *Systematophora penicillata* (Ehrenberg, 1854) is proposed and *S. fasciculigera* is rejected as a subjective junior synonym.

Key words: Dinoflagellata, taxonomy, Upper Jurassic, Poland.

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.



[Full text \(442.6 kB\)](#)