

## **Bivalvia of the Polish Middle Jurassic and remarks on their paleoecology**

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*Acta Palaeontologica Polonica* 31 (1-2), 1986: 27-83

Sixty Middle Jurassic species of Bivalvia from Poland including a new one (*Gontomya rudnikensis* sp. n.) are described and their occurrence in profile and dependence on environment are considered. It has been stated that epifaunal

suspension-feeders to infaunal suspension-feeders ratio in one of the investigated profiles (Łęczycza) from the Polish Lowlands is comparable to that of the Lower Oxford Clay in England; the deposit-feeders are less numerous in the Polish profile. Ornamentation variability and anisometric growth changes as well as changes of hinge structure during ontogeny in some investigated bivalves have been noticed.

**Key words:** Bivalvia, Middle Jurassic, paleoecology, taxonomy, Poland.

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