

Bivalvia of the Polish Middle Jurassic and remarks on their paleoecology

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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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