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Lingulate brachiopods from Lower Ordovician (Tremadoc) chalcedonites, Holy Cross Mountains, Poland

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Lingulate brachiopods from chalcedonites of Tremadoc age are redescribed based on new material from the Holy Cross Mountains, Poland. The fauna includes 18 species, of which *Elliptoglossa polonica* and *Siphonotretella popovi* are new. The enigmatic *Orbiculoidea*? *subovalis* Biernat is redescribed as a species of the recently erected aberrant paterulids *Diencobolus* Holmer, Popov, Koneva, and Bassett. The fauna includes also *Acrotreta dissimilis* (Biernat), ?*Ditreta dividua* Biernat, *Semitreta maior* Biernat, *Eurytreta minor* Biernat, *Mamatia retracta* (Popov), *Orbithele ceratopygarum* (Brřgger), *Siphonobolus uralensis* (Lermontova), *Alichovia analogica* Biernat, *Pomeraniotreta* sp., *Akmolina* sp., *Rowellella* sp., *Acanthambonia* sp. A, *Acanthambonia* ? sp. B, *Leptembolon* cf. *lingulaeformis* (Mickwitz), and the earliest known species of *Eoconulus*. Most of the recorded lingulate species are endemic, but a significant number are now known also from eastern Kazakhstan and the South Urals, as well as from the Tremadoc of Sweden and Norway.

Key words: Brachiopoda, Lingulata, Lower Ordovician, Tremadoc, Holy Cross Mountains, Poland.

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