

A boreal ostracod assemblage from the Callovian of Łuków area, Poland

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Excellently preserved ostracods from large blocks of the late Callovian (*Quenstedtoceras lamberti* Zone) black clays occurring within glacial drift near Łuków, eastern Poland, are described. Unlike coeval faunas from other localities in Poland, the Łuków ammonite assemblage exhibits boreal affinities. The ostracod fauna broadly resembles those of the British Isles and northwestern Germany, there are also some similarities to Central Russia and northwestern Poland. Seventeen ostracod species are reported, and *Schuleridea (Eoschuleridea) lukoviensis* sp. n. is proposed. The ostracod assemblage is dominated by large number of specimens of *Nophrecythere* and *Schuleridea (Eoschuleridea)*. The ostracods are of late Callovian age as indicated by the presence of *Nophrecythere triebeli*, *Progonocythere callovica* and advanced evolutionary forms of *Nophrecythere intermedia* and *Terquemula lutzzi*. The most probable source of the Łuków clay blocks seems to be from the bed of the Baltic Sea north of Gdańsk.

Key words: Ostracoda, Jurassic, Callovian, taxonomy, zoogeography, Poland.

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