

An enigmatic early ?palaeocope ostracode from the Arenig of NW Russia

Oive Tinn and Tõnu Meidla

Acta Palaeontologica Polonica 47 (4), 2002: 685-690

The ostracode *Lavachilina evae* gen. et sp. nov. is described from the Arenig of Western Russia. Its carapace possesses a unique discontinuous velum, developed at both ends as a narrow spinose ridge. The systematic position of *L. evae* is uncertain. Its character set shows mostly palaeocope affinities but also some features of leiocopes. *L. evae* is tentatively assigned to the palaeocope family Oepikellidae, possibly representing an early member of that family. Although *L. evae* existed contemporaneously with palaeocopes such as *Laccochilina*, it does not appear to be closely related to these early eurychilinoids.

Key words: Ordovician, Arenig, Volkhov Stage, Ostracoda, Russia, Baltoscandia

Oive Tinn [otinn@ut.ee] and Tõnu Meidla [tmeidla@ut.ee], Institute of Geology, University of Tartu, Vanemuise 46, 51014, Tartu, Estonia.

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.