

A microvertebrate assemblage from the Early Triassic of Poland

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The Early Triassic microvertebrate assemblage from karst deposits of Czatkowice quarry, Kraków Upland, Poland, has been dated as of latest Olenekian age at youngest. The assemblage contains mainly small reptiles: three to four possible genera of procolophonids, a small predatory archosaur of proterosuchid or pre-proterosuchid grade, a prolacertiform, and one or two genera attributable to Lepidosauromorpha, one of them, very small, being a possible stem-lepidosaurian. Furthermore there are some less numerous amphibians, including the first European salientian (stem-frog) *Czatkobatrachus polonicus* Evans & Borsuk-Białynicka, 1998, as well as fishes. The bones are disarticulated but fairly well preserved. The assemblage provides a glimpse of the Early Triassic diversity of small taxa, otherwise poorly known, and has a considerable potential in highlighting the earliest phylogeny of such groups as lepidosauromorphs and salientians which are virtually unknown from other roughly contemporaneous horizons. The Czatkowice microvertebrate community appears to have lived under the mesic conditions of a freshwater oasis within the otherwise arid circumequatorial belt of Scythian Northern Pangea.

Key words: Archosauromorpha, Lepidosauromorpha, Lissamphibia, microvertebrates, Poland, Procolophonia, Scythian, Triassic.

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