

Extinction of Rugosa and Tabulata near the Permian/Triassic boundary

Jerzy Fedorowski

Acta Palaeontologica Polonica 34 (1), 1989: 47-70

The Permian stage of evolution within Rugosa and Tabulata took place in two distinct realms, isolated by the Palaeo-Pacific Ocean and the Pangea: the Palaeo-Tethys Realm and the Cordillera-Arctic-Uralian Realm. The corals discussed disappeared from the first Realm in the upper part of the Changxingian *Palaeofusulina sinensis* Subzone and from the second one in lower Djulfian. The fairly long time span between these events excluded acting of any rapid and common factor. The combined effect of global factors such as lowering of sea level and warming of climate and local factors such as tectonics, currents, absence of carbonate banks, etc. led to the successive disappearance of corals from individual areas of realms. The Chinese microcontinent was the last area colonized by corals.

Key words: Rugosa, ~abulata, Permian, extinction.

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.

 [Full text \(1,453.6 kB\)](#)