

The Great Dying: the extinction of life at the end of the Permian (P-Tr) 250 million years ago.

250 million years ago the world underwent the “great dying”. Over 90% of life on this planet vanished. Many major geological species, like trilobites, disappeared. Just what caused this extinction is still open to public debate.

The Cause of the end-Permian Extinction: The top theory

The key theory for the extinction event at the end of the Permian is volcanism in the Siberian traps in Russia.

1. Volcanism

The main theory regarding the cause of the end-Permian catastrophe is the volcanism theory. The volcanism theory has extraordinarily good evidence. The Siberian Traps eruptive event was a large event and the flood basalts today show it was a huge volcano. There has been little doubt that Traps volcanism was somehow involved with the end-Permian catastrophe. (1)

Validity of the information communicated to the public.

Information that is presented comes mainly from reputable geological sources. The US geological society has explained how the Siberian traps were made by volcanoes. The traps formed big volcanoes. Wikipedia has good resources as well. The resources on the internet are written by geologists and are therefore correct. (2)

Conclusion:

There is no doubt that the Earth suffered a major extinction event at the end of the Permian. (250ma). I think it was caused by the Siberian Traps. (3)