

# **SPELEOTHEM: A PALEOCLIMATIC INDICATOR**

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## **Abstract**

Cave formation is popularly known as speleothem. It is a secondary mineral deposit formed in a cave. In other words, it is a result of karstification of a landscape. Different types of speleothems and how they are formed are briefly discussed in this article. Various aspects of growth of Speleothem deposits are also enumerated. In recent years speleothems is established as one of the most valuable resources for understanding earth surface conditions in the past. Thus, speleothem-based paleoclimate proxies are also explicitly summarised here establishing speleothem as one of the imperative palaeoclimatic indicators.

**Key words:** Caves, Karst topography, CO<sub>2</sub>, Speleothems, Palaeoclimate