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Understanding biomineralization in the fossil record

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ABSTRACT

Biom mineralization – the formation of minerals by organisms – is a key aspect in the understanding of the fossil record. Knowing how biominerals form and their properties is important in the correct use of fossils in geochemistry, the understanding of evolution, and in the interpretation of how geological events have influenced the fossil record throughout the Phanerozoic. The focus of this contribution, rather than a conventional review on the status of this research field, is on the importance of highlighting the traditional link between paleontology and biomineralization.

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