

## High-resolution stable isotopes and chemical analyses on laminations of the early Proterozoic stromatolite

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In this presentation, we report results of high-resolution analyses on  $\delta^{13}\text{C}$ - $\delta^{18}\text{O}$  and chemical compositions of lamination in early Proterozoic stromatolite and then consider the mechanism of the laminae formations and the causes of their fluctuation patterns.

Keywords: Stromatolite, Laminated structure, Stable isotope, Chemical composition