

Interactive comment on “Unravelling the enigmatic origin of calcitic nanofibres in soils and caves: purely physicochemical or biogenic processes?” by S. Bindschedler et al.

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We would like to thank this referee for his/her comment. We likewise think that it is important to highlight that not only chitin, but also any other organic polymers, could be involved in this mineralization process. As a matter of fact, some of the co-authors have published a paper dealing with a possible origin of nanofibres related to cellulose fibres (Cailleau et al., 2009a). Therefore, understanding which organic fibres can act as a template for CaCO₃ nucleation, and under which conditions, will lead to a better understanding of the biogeochemical significance of calcitic nanofibres in terrestrial environments.

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