

Interactive comment

Interactive comment on "Archive of bacterial community in anhydrite crystals from a deep-sea basin provides evidence of past oil-spilling in a benthic environment in the Red Sea" by Yong Wang et al.

Yong Wang et al.

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Reviewer 2 The manuscript submitted by Wang et al. describes the diversity of organisms in anhydrite crystals and further states a high abundance of Alcanivorax microbes. The authors see the specific community composition of the 750 years old crystals as indicator of an oxic oil-spilling benthic environment. Overall, the approach and results are highly interesting and definitely worth reporting in Biogeosciences. I, however, suggest revising and clarifying several parts of the manuscript before final publication. General remarks: While I do not doubt the results of the metagenomic investigation per se, I am

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be highly speculative Response: yes, we have changed the tone. Introduction L. 54:

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We don't know how many sequences were produced in one run. Perhaps there were

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to put into the abstract to make it convincing Response: this is a nice comment. See

the second sentence in the Abstract.

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