

Interactive comment on “Manifestations and environmental implications of microbially-induced calcium carbonate precipitation (MICP) by the cyanobacterium *Dolichospermum flosaquae*” by Refat Abdel-Basset et al.

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Reviewer #2 BGD Interactive comment Printer-friendly version Discussion paper Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-378-RC2>, 2020[©] Author(s) 2020. This work is distributed under the Creative Commons Attribution 4.0 License. Interactive comment on “Manifestations and environmental implications of microbially-induced calcium carbonate precipitation (MICP) by the cyanobacterium *Dolichospermum flosaquae*” by Refat Abdel-Basset et al. Awatief Hifney (Referee) hifney@aun.edu.eg Received and published: 9 December 2020

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The manuscript Titled: Manifestations and environmental implications of microbially-induced calcium carbonate precipitation (MICP) by the cyanobacterium *Dolichospermum flosaquae* (MS No.: bg-2020-378) for review is acceptable for publication in your respectable and valuable Journal (Biogeoscience), as it deals with one of the important topics that concerns many scientists studying in the field of the environment and its changes (Biology and Biogeoscience) and its impact on the aquatic environment and the organisms that lives in it. The aquatic organisms suffer from the increase in precipitation in the lakes, which has a severe impact on the cycles of calcium, carbon and phosphorus. It is necessary to study this phenomenon using a microorganism to know how to solve the problem described above. From my point of view, the re-searchers succeeded in choosing *D. flosaquae*, which in return managed -to some extent- to solve the problem partly as mentioned in the manuscript result. Response: Done

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