

## ***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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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 calcium

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 micro-organism to know how to solve the problem described above. From my point of view, the researchers succeeded in choosing *D. flosaquae*, Which in return managed -to some extent- to solve the problem partly as mentioned in the manuscript result.

Best Regards and Wishes, Prof. Dr. Awatief F. Hifney Prof. of Phycology Assiut University [https://www.researchgate.net/profile/Awatief\\_Hifney](https://www.researchgate.net/profile/Awatief_Hifney)  
<https://scholar.google.com/citations?hl=ar&user=l-nDVDEAAAAJ>

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**BGD**

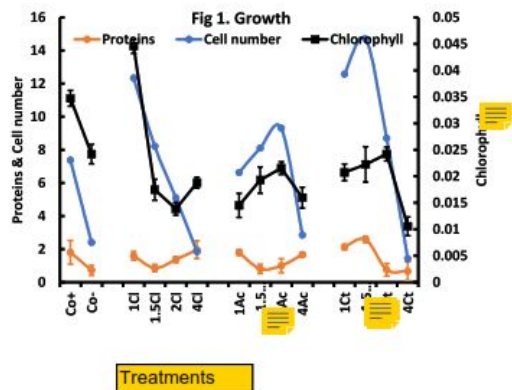
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Discussion paper





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Fig. 1.