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Author Correction: Salinity stratification controlled productivity variation over 300 ky in the Bay of Bengal

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-14781-3>, published online 31 October 2017

The Authors missed out a previous study on a similar topic. The additional reference is listed below as reference 1, and should appear in the text as below.

In the Discussion section,

“CaCO₃ and TOC MARs (Fig. 2b,c) are considered here as proxies for past productivity variations in response to changes in regional forcing like surface water hydrography and nutrient supply in the BoB.”

should read:

“CaCO₃ and TOC MARs (Fig. 2b,c) are considered here as proxies for past productivity variations in response to changes in regional forcing like surface water hydrography and nutrient supply in the BoB. An earlier study by Phillips *et al.* has discussed possible influence of salinity/hydrographic changes on marine productivity indicated by CaCO₃ MAR in the northern Bay of Bengal¹.”

and:

“Overall diminished fresh water flux during colder and arid sub-stages caused thinning of low salinity cap leading to destabilization of the water column stratification which triggered enhanced nutrient entrainment by wind driven processes and convective mixing leading to enhanced productivity (enhanced CaCO₃ MAR).”

should read:

“Overall diminished fresh water flux during colder and arid sub-stages caused thinning of low salinity cap leading to destabilization of the water column stratification which triggered enhanced nutrient entrainment by wind driven processes and convective mixing leading to enhanced productivity (enhanced CaCO₃ MAR)¹.”

Reference

1. Phillips, S. *et al.* Monsoon-influenced variation in productivity and lithogenic sediment flux since 110 ka in the offshore Mahanadi Basin, northern Bay of Bengal. *Mar. Pet. Geol.* **58**(A), 502–525 (2014).

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