



Corrigendum: Applying Dialysis Bags to Grow Microalgae and Measure Grazing Rates by Secondary Producers

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A Corrigendum on

Applying Dialysis Bags to Grow Microalgae and Measure Grazing Rates by Secondary Producers by Tian Y, Yi X and Gao K (2022). *Front. Physiol.* 13:838001. doi: 10.3389/fphys.2022.838001

In the original article, there was an error in the second paragraph of **Section 2.4: Measuring Grazing Rates of a Heterotrophic Dinoflagellate by Applying the Dialysis Bags**. The error occurred in the unit of grazing rates of *Noctiluca scintillans*, $\mu\text{g Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$, which should be corrected as $\text{ng Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$.

The corrected paragraph is as follows:

“The clearance and grazing rates of the heterotrophic dinoflagellate, *N. scintillans*, measured using the dialysis bags were respectively $0.031 \pm 0.013 \text{ mL ind.}^{-1} \text{ h}^{-1}$ and $0.060 \pm 0.024 \text{ ng Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$, slightly higher but not statistically different from those obtained by PC bottles, which were $0.027 \pm 0.013 \text{ mL ind.}^{-1} \text{ h}^{-1}$ and $0.051 \pm 0.023 \text{ ng Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$ (Figure 3B, C). At the end of the test, the nutrients in the dialysis bags maintained a relative high level, attributed to the replenishment by *in-situ* seawater, while DIN and SRP concentrations in the closed PC bottles were about 90% lower than those in the dialysis bags (Table 1). Consequently, using the dialysis bag to determine grazing rates is reliable even for prolonged incubation, since the membrane is permeable to nutrients and small molecules, changes of which could be tremendous in the sealed containers used in the traditional method (Table 1).”

In there was the same error in **Figure 3C** as published. The unit of grazing rates of *Noctiluca scintillans*, $\mu\text{g Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$, should be corrected as $\text{ng Chl } a \text{ ind.}^{-1} \text{ h}^{-1}$. The corrected **Figure 3** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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