



Corrigendum: The Effect of Nitrogen Starvation on Biomass Yield and Biochemical Constituents of *Rhodomonas* sp.

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Keywords: *Rhodomonas* sp., nitrogen starvation, cell volume, fatty acids, phycoerythrin, PUFA, DHA, EPA

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A Corrigendum on:

The Effect of Nitrogen Starvation on Biomass Yield and Biochemical Constituents of *Rhodomonas* sp.

By Latsos C, van Houcke J and Timmermans KR (2020). *Front. Mar. Sci.* 7:563333. doi: 10.3389/fmars.2020.563333

In the original article, Oostlander et al. (2020) was not cited in the article. The citation has now been inserted in **Materials and Methods, Culture Analysis, Growth Phase** and should read:

Optical density was measured at 750nm (OD_{750nm}) in a spectrophotometer (DR 5000, HACH, USA), from which biomass concentration (C_x) was calculated according to Oostlander et al. (2020). Cell volume was measured in Coulter Counter (Multisizer 3, Beckman Coulter, USA) in the size range 7-14 μm. The growth rate (μ) was calculated when the PBR was running in turbidostat mode as the dilution rate (D) according to equation 1, where V_H is the harvested volume in a Δt period of time and V_R the reactor volume. The biomass production rate (r_x) for the turbidostat mode was calculated from the growth rate and the biomass concentration (C_x, equation 2).

$$\mu = D = \frac{V_H}{V_R} \frac{\Delta t}{\Delta t} \quad (1)$$

$$r_x = \mu \times C_x \quad (2)$$

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.

REFERENCE

Oostlander, P. C., Houcke, J. V., Wijffels, R. H., and Barbosa, M. J. (2020). Growth and Fatty Acid Content of *Rhodomonas* sp. Under Day: Night Cycles of Light and Temperature. *Algal. Res.* 51, 102034. doi: 10.1016/j.algal.2020.102034

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