



Corrigendum: Phytoplankton Growth and Productivity in the Western North Atlantic: Observations of Regional Variability From the NAAMES Field Campaigns

James Fox¹, Michael J. Behrenfeld², Nils Haëntjens³, Alison Chase³, Sasha J. Kramer^{4,5}, Emmanuel Boss³, Lee Karp-Boss³, Nerissa L. Fisher¹, W. Bryce Penta¹, Toby K. Westberry¹ and Kimberly H. Halsey^{1*}

¹ Department of Microbiology, Oregon State University, Corvallis, OR, United States, ² Department of Botany and Plant Pathology, Oregon State University, Corvallis, OR, United States, ³ School of Marine Sciences, University of Maine, Orono, ME, United States, ⁴ Earth Research Institute and Department of Geography, University of California, Santa Barbara, Santa Barbara, CA, United States, ⁵ Earth Research Institute, University of California, Santa Barbara, Santa Barbara, CA, United States

OPEN ACCESS

Edited and reviewed by:

Dongyan Liu,
East China Normal University, China

*Correspondence:

Kimberly H. Halsey
halseyk@science.oregonstate.edu

Specialty section:

This article was submitted to
Marine Ecosystem Ecology,
a section of the journal
Frontiers in Marine Science

Received: 26 January 2021

Accepted: 02 February 2021

Published: 17 February 2021

Citation:

Fox J, Behrenfeld MJ, Haëntjens N,
Chase A, Kramer SJ, Boss E,
Karp-Boss L, Fisher NL, Penta WB,
Westberry TK and Halsey KH (2021)
Corrigendum: Phytoplankton Growth
and Productivity in the Western North
Atlantic: Observations of Regional
Variability From the NAAMES Field
Campaigns.
Front. Mar. Sci. 8:658982.
doi: 10.3389/fmars.2021.658982

Keywords: phytoplankton, NPP, carbon, photoacclimation, modeling, optics, North Atlantic

A Corrigendum on

Phytoplankton Growth and Productivity in the Western North Atlantic: Observations of Regional Variability From the NAAMES Field Campaigns

by Fox, J., Behrenfeld, M. J., Haëntjens, N., Chase, A., Kramer, S. J., Boss, E., et al. (2020). *Front. Mar. Sci.* 7:24. doi: 10.3389/fmars.2020.00024

In the original article, two typographical errors occurred in equations. Equation (5) was specified as:

$$\Delta\theta_{SM} = \frac{1 - e^{(-0.15 \cdot PAR)}}{1 + e^{(-3 \cdot I_g)}}$$

but the first term of the numerator should have contained a positive rather than a negative. The correct version is:

$$\Delta\theta_{SM} = \frac{1 + e^{(-0.15 \cdot PAR)}}{1 + e^{(-3 \cdot I_g)}}$$

There was also an error in Equation (7). The growth term of the model, derived from coefficients in Figure 2, was incorrectly expressed as:

$$u = [1.57 + \left(\frac{1}{\theta_{DM} \cdot -16.8} \right) \cdot (0.0125 + \left(\frac{1}{\theta_{PaM} \cdot -47.03} \right))] \cdot [1 - e^{(-5 \cdot PAR(z))}]$$

but should have been written as:

$$u = \left[\left(\frac{1}{\theta_{DM}} (-16.80) + 1.57 \right) \cdot \left(\frac{1}{\theta_{PaM}} (47.03) + 0.0125 \right) \right] \cdot [1 - e^{(-5 \cdot PAR(z))}]$$

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.

Copyright © 2021 Fox, Behrenfeld, Haëntjens, Chase, Kramer, Boss, Karp-Boss, Fisher, Penta, Westberry and Halsey. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.