

Accepted Manuscript

Experimental study of the fins arrangement pattern of refrigerated display cabinet evaporator towards thermal performance improvement

Gustavo G. Heidinger, Samuel M. Nascimento, Pedro D. Gaspar, Pedro D. Silva

PII: S1359-4311(17)35994-X
DOI: <https://doi.org/10.1016/j.applthermaleng.2018.04.038>
Reference: ATE 12035

To appear in: *Applied Thermal Engineering*

Received Date: 15 September 2017
Revised Date: 8 March 2018
Accepted Date: 7 April 2018

Please cite this article as: G.G. Heidinger, S.M. Nascimento, P.D. Gaspar, P.D. Silva, Experimental study of the fins arrangement pattern of refrigerated display cabinet evaporator towards thermal performance improvement, *Applied Thermal Engineering* (2018), doi: <https://doi.org/10.1016/j.applthermaleng.2018.04.038>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **Title:** Plankton responses to ocean acidification: The role of nutrient limitation.

2 **Running head:** Plankton responses to ocean acidification

3 **Authors:**

4 *Alvarez-Fernandez, S.^{1,+}, Bach, LT.², Taucher, J.², Riebesell, U.², Sommer, U.², Aberle, N.³,*
5 *Brussaard, CPD.⁴, and Boersma, M.¹*

6 1. Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung, Biologische
7 Anstalt Helgoland, Helgoland, Germany

8 2. Helmholtz Centre for Ocean Research (GEOMAR), Kiel, Germany

9 3. Norwegian University of Science and Technology, Trondhjem Biological Station, Department of
10 Biology, 7491 Trondheim, Norway

11 4. Department of Biological Oceanography, Royal Netherlands Institute for Sea Research (NIOZ),
12 Texel, The Netherlands

13

14 **+ corresponding author:** salvarez@awi.de

15

16 **Keywords:** Plankton communities, ocean acidification, nutrient limitation, food web, mesocosms,
17 mixotrophy

18

Download English Version:

<https://daneshyari.com/en/article/7045241>

Download Persian Version:

<https://daneshyari.com/article/7045241>

[Daneshyari.com](https://daneshyari.com)