

Accepted Manuscript

Use of palmitoleic acid and its oxidation products for monitoring the degradation of ice algae in Arctic waters and bottom sediments

Jean-François Rontani, Rémi Amiraux, Catherine Lalande, Marcel Babin, Hak-Ryul Kim, Simon T. Belt

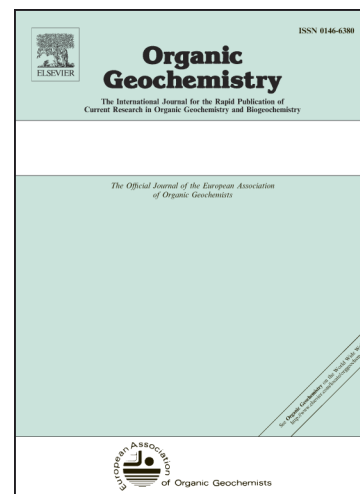
PII: S0146-6380(18)30131-1
DOI: <https://doi.org/10.1016/j.orggeochem.2018.06.002>
Reference: OG 3734

To appear in: *Organic Geochemistry*

Received Date: 1 February 2018
Revised Date: 18 May 2018
Accepted Date: 2 June 2018

Please cite this article as: Rontani, J-F., Amiraux, R., Lalande, C., Babin, M., Kim, H-R., Belt, S.T., Use of palmitoleic acid and its oxidation products for monitoring the degradation of ice algae in Arctic waters and bottom sediments, *Organic Geochemistry* (2018), doi: <https://doi.org/10.1016/j.orggeochem.2018.06.002>

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.



Use of palmitoleic acid and its oxidation products for monitoring the degradation of ice algae
in Arctic waters and bottom sediments

Jean-François Rontani^{a*}, Rémi Amiraux^a, Catherine Lalande^b, Marcel Babin^b, Hak-Ryul
Kim^c, Simon T. Belt^d

^a *Aix Marseille Univ, Université de Toulon, CNRS/INSU/IRD, Mediterranean Institute of
Oceanography (MIO) UM 110, 13288 Marseille, France*

^b *Takuvik joint laboratory, Département de Biologie/Pavillon Alexandre-Vachon, Université
Laval, Québec (Québec) G1V 0A6, Canada*

^c *School of Food Science and Biotechnology, Kyungpook National University, Daegu, 41566,
Korea.*

^d *Biogeochemistry Research Centre, School of Geography, Earth and Environmental
Sciences, University of Plymouth, Drake Circus, Plymouth, Devon PL4 8AA, UK*

* Corresponding author. Tel.: +33-4-86-09-06-02; fax: +33-4-91-82-96-41. *E-mail address:*
jean-francois.rontani@mio.osupytheas.fr (J.-F. Rontani)

Download English Version:

<https://daneshyari.com/en/article/7816855>

Download Persian Version:

<https://daneshyari.com/article/7816855>

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