

Accepted Manuscript

Assessing the metabolism of sedimentary microbial communities using the hydrogen isotopic composition of fatty acids

Sandra M. Heinzelmann, Laura Villanueva, Yvonne A. Lipsewers, Danielle Sinke-Schoen, Jaap S. Sinninghe Damsté, Stefan Schouten, Marcel T.J. van der Meer

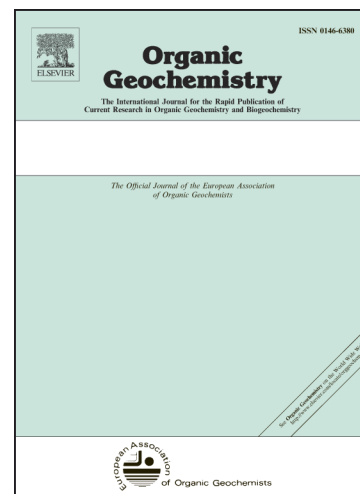
PII: S0146-6380(18)30164-5
DOI: <https://doi.org/10.1016/j.orggeochem.2018.07.011>
Reference: OG 3756

To appear in: *Organic Geochemistry*

Received Date: 18 September 2017
Revised Date: 16 July 2018
Accepted Date: 19 July 2018

Please cite this article as: Heinzelmann, S.M., Villanueva, L., Lipsewers, Y.A., Sinke-Schoen, D., Sinninghe Damsté, J.S., Schouten, S., van der Meer, M.T.J., Assessing the metabolism of sedimentary microbial communities using the hydrogen isotopic composition of fatty acids, *Organic Geochemistry* (2018), doi: <https://doi.org/10.1016/j.orggeochem.2018.07.011>

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.



Assessing the metabolism of sedimentary microbial communities using the hydrogen isotopic composition of fatty acids

Sandra M. Heinzelmann^{a*}, Laura Villanueva^a, Yvonne A. Lipsewers^a, Danielle Sinke-Schoen^a, Jaap S. Sinninghe Damsté^{a,b}, Stefan Schouten^{a,b*}, Marcel T. J. van der Meer^a

^a *NIOZ Royal Netherlands Institute for Sea Research, Marine Microbiology and Biogeochemistry, and Utrecht University P.O. Box 59, 1790 AB Den Burg, The Netherlands*

^b *Utrecht University, Faculty of Geosciences, Department of Earth Sciences, Geochemistry, Utrecht, the Netherlands*

*corresponding authors: sandra.m.heinzelmann@gmail.com and s.schouten1@uu.nl

Download English Version:

<https://daneshyari.com/en/article/7816858>

Download Persian Version:

<https://daneshyari.com/article/7816858>

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