

Accepted Manuscript

Varves in marine sediments: A review

Arndt Schimmelmann, Carina B. Lange, Juergen Schieber, Pierre Francus, Antti E.K. Ojala, Bernd Zolitschka

PII: S0012-8252(16)30075-7
DOI: doi: [10.1016/j.earscirev.2016.04.009](https://doi.org/10.1016/j.earscirev.2016.04.009)
Reference: EARTH 2251

To appear in: *Earth Science Reviews*

Received date: 16 May 2015
Revised date: 14 April 2016
Accepted date: 21 April 2016



Please cite this article as: Schimmelmann, Arndt, Lange, Carina B., Schieber, Juergen, Francus, Pierre, Ojala, Antti E.K., Zolitschka, Bernd, Varves in marine sediments: A review, *Earth Science Reviews* (2016), doi: [10.1016/j.earscirev.2016.04.009](https://doi.org/10.1016/j.earscirev.2016.04.009)

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.

Varves in marine sediments: a review

Arndt Schimmelmann^{a*}, Carina B. Lange^b, Juergen Schieber^a, Pierre Francus^c, Antti E. K. Ojala^d,
and Bernd Zolitschka^e

^a Indiana University, Department of Geological Sciences, 1001 E 10th Street, Bloomington, IN
47405-1405, USA, aschimme@indiana.edu*; jschiebe@indiana.edu

^b Departamento de Oceanografía, Centro COPAS Sur-Austral and Centro FONDAP-IDEAL,
Universidad de Concepción, Casilla 160-C, Concepción, Chile, clange@udec.cl

^c Centre Eau Terre Environnement, Institut National de la Recherche Scientifique and GEOTOP
Research Center, Québec-City, Québec, G1K 9A9, Canada, pierre.francus@ete.inrs.ca

^d Geological Survey of Finland, FI-02151 Espoo, Finland, antti.ojala@gtk.fi

^e Geomorphology and Polar Research (GEOPOLAR), Institute of Geography, University of
Bremen, Celsiusstraße FVG-M, D-28359 Bremen, Germany, zoli@uni-bremen.de

(*corresponding author)¹

¹ *Used acronyms:* **BSEI** = Backscattered Scanning Electron Imaging; **IODP** = Integrated Ocean Drilling Program; **NGRIP** = North Greenland Ice Core Project; **ODP** = Ocean Drilling Program; **OMZ** = Oxygen Minimum Zone; **OSL** = Optically Stimulated Luminescence dating; **SEM** = Scanning Electron Microscopy; **XRF** = X-Ray Fluorescence.

Download English Version:

<https://daneshyari.com/en/article/6442850>

Download Persian Version:

<https://daneshyari.com/article/6442850>

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