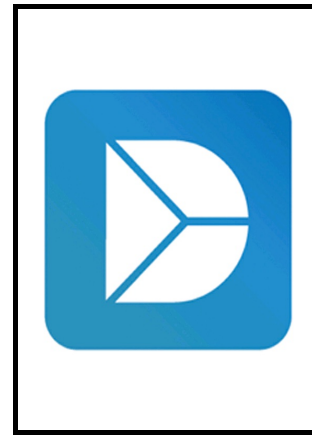


## Author's Accepted Manuscript

Paleotemperature, geochemical and grain size data  
in Quaternary sediments from the Gloria Drift  
(Northwest Atlantic)

Leyla Bashirova, Evgenia Dorokhova, Vadim  
Sivkov, Ekaterina Novichkova



[www.elsevier.com/locate/dib](http://www.elsevier.com/locate/dib)

PII: S2352-3409(18)30611-5  
DOI: <https://doi.org/10.1016/j.dib.2018.05.105>  
Reference: DIB2655

To appear in: *Data in Brief*

Received date: 20 April 2018  
Accepted date: 18 May 2018

Cite this article as: Leyla Bashirova, Evgenia Dorokhova, Vadim Sivkov and Ekaterina Novichkova, Paleotemperature, geochemical and grain size data in Quaternary sediments from the Gloria Drift (Northwest Atlantic), *Data in Brief*, <https://doi.org/10.1016/j.dib.2018.05.105>

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 galley proof before it is published in its final citable 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.

**Data Article**

**Title:** *Paleotemperature, geochemical and grain size data in Quaternary sediments from the Gloria Drift (Northwest Atlantic)*

**Authors:** Leyla Bashirova<sup>a</sup>, Evgenia Dorokhova<sup>a</sup>, Vadim Sivkov<sup>a,b</sup>, Ekaterina Novichkova<sup>a</sup>

**Affiliations:**

<sup>a</sup>Shirshov Institute of Oceanology, Russian Academy of Sciences, 36, Nahimovskiy prospekt, Moscow, Russia

<sup>b</sup>Immanuel Kant Baltic Federal University, Nevskogo street, 14, 236041 Kaliningrad, Kaliningrad region, Russia

**Contact email:** bas\_leila@mail.ru

**Abstract**

*Data file presents information on the variation in sea surface temperatures (SST), as well as geochemical (e.g. stable isotope, calcium carbonate), micropaleontological and grain size data from the Gloria Drift (Northwest Atlantic). The data are obtained from the three marine sediment gravity core sections (AMK-4493, AI-3646 and AI-3415) which were formed during Quaternary period. Dataset contains SST values (winter and summer: 0-50 water layer) and ice-rafted debris (IRD) counts, each in 308 samples; stable isotope data ( $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$ ) from 235 samples; calcium carbonate content from 351 samples; relative abundance of polar species of planktonic foraminifera *Neogloboquadrina pachyderma* (sinistral) (Ehrenberg) in 51 samples, data of grain size analysis in bulk sediments (123 samples) and carbonate-free sediments (664). These data provide information about conditions of sedimentation at the Gloria Drift area.*

**Keywords**

*Sea surface temperature, ice-rafted debris, stable isotope data, sediment grain size, Quaternary sediments, North Atlantic, Gloria Drift.*

**Specifications Table**

Subject area	<i>Marine Geology</i>
More specific subject area	<i>Sedimentation in the deep ocean basins</i>
Type of data	<i>1 Table</i>
How data was acquired	<i>Microscope, laser analyzer, carbon analyzer, mass spectrometry</i>
Data format	<i>Raw</i>

Download English Version:

<https://daneshyari.com/en/article/6596807>

Download Persian Version:

<https://daneshyari.com/article/6596807>

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