

## **Phytoplankton pigment concentration data series for Belgica BG9912 cruise**

### **Principal Investigator and Data Originator**

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### **Content of data series**

Parameter	Unit	Parameter code	Number of samples	Number of stations	Comments
Chlorophyll-a	$\mu\text{g l}^{-1}$	CPHLSPPZ	15 CTD 9 NT	24	none

CTD= CTD-Rosette water column sampling station.

NT= surface underway sampling from ship's non-toxic supply (4 m)

### **Originator's protocol**

Water samples were either taken from the surface Niskin bottles of CTD casts or from the ship's non-toxic supply. The samples were filtered and frozen for later analysis at MUMM. The samples were analysed according to Lorenzen's method of spectrophotometric assay with acetone extraction (Lorenzen & Downs 1986).

The chlorophyll-a measurements were used for calibration of the surface underway Turner Designs 10-AU-005 fluorometer.

### **BODC processing**

The data were loaded into a database under the ORACLE Relational Database Management System without modification.

### **Comments on data quality**

None to report.

### **Reference**

Lorenzen CJ, Downs JN (1986) The specific absorption coefficients of chlorophyllide *a* and pheophorbide *a* in 90 per cent acetone, and comments on the fluorometric determination of chlorophyll and pheopigments. *Limnology and Oceanography* 31(2): 449-452.