**Data extraction BlueOcean project**

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**Note:** As always, this dataset has been carefully built and checked accordingly. However, it is the user’s responsibility to perform his own verifications.

**Quick description of the dataset**

**1 – The dataset contains 4 files:**

1. “CPR\_Data\_BlueOcean\_24012025.docx”: This document
2. “CPR\_BlueOcean\_ControlMap\_24012025.png”:

Map representing the selected samples from January 1958 to December 2021 (66643 samples)

1. “CPR\_BlueOcean\_Data\_TotalCalanus\_Large\_24012025.csv”: Abundance data for the taxon “Calanus V-VI Total (Atlantic-fin hel glac)” which belongs to the large zooplankton (>=2 mm, ID = 43 in CPR database) and all selected samples in the selected area (45°N to 65°N, -24°E to -6°E).

Rows: All samples for the selected area (66643 samples).

Column 1: Unique sample id. For instance: “240B--27” corresponds to the 27th sample for the 240th transect on the B route.

Columns from 2 to 8: Spatio-temporal coordinates for each sample.

Columns from 9: Abundance data for the selected taxon.

Note 1: The Date of Routine Identification (DRI) corresponding the selected taxon is 1958. Consequently, there is no missing values in the data extract.

1. “CPR\_BlueOcean\_Data\_TotalCepepods\_Small\_24012025.csv”: Abundance data for the taxon “Total Copepods” which belongs to the small zooplankton (< 2mm, ID = 13 in CPR database) and all selected samples in the selected area. (66643 samples).

Note 2: Same architecture as “CPR\_BlueOcean\_Data\_TotalCalanus\_Large\_24012025.csv”

Note 3: The Date of Routine Identification (DRI) corresponding the selected taxon is 1958. Consequently, there is no missing values in the data extract.