**Data extraction Basking Shark**

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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 3 files:**

1. “CPR\_Data\_BaskingShark\_06022026.docx”: This document
2. “CPR\_BaskingShark\_ControlMap\_06022026.png”:

Map representing the selected samples from January 1980 to December 2022 (17402 samples)

1. “CPR\_BaskingShark\_Data\_Cfin\_06022026.csv”: Abundance data for 5 selected taxa and all selected samples in the selected areas (50°N to 60°N, -12°E to -2°E).

Rows: All samples for the selected area (17402 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 6: Spatio-temporal coordinates for each sample.

Columns from 7 to 11: Abundance data.

Calanus\_finmarchicus / Calanus\_helgolandicus / Temora\_longicornis / Centropages\_typicus / Pseudocalanus\_spp

Note 1: We may notice very small values (10^-10) or any other number with a very small fraction. Sometimes, our analysts can identify the presence of a specific taxa but are unable to quantify it. In that case, they report the taxa as “present”. This is hard-coded in our database as a very small value (10^-10) for statistical reasons.

Note 2: In a given sample, the abundance value of a specific taxon, is set to NaN (Not A Number) when the corresponding Data of Routine Identification (DRI) is posterior to the date of sample collection.