

Long-term plankton and environmental monitoring dataset from the Marine Protected Area of the Iroise Marine Natural Park (2010-2023) in the Iroise Sea, North Atlantic.

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Supplementary Table 1: Time coverage of the available zooplankton data. Colored colors signify that there was a sampling done this month. Green signifies that the classification was checked a second time by Laëtitia Jalabert. The first sheet called “Transect sampling plan” contains the sampling plan for the transects B and D. The second sheet called “Coastal stations sampling plan” contains the sampling plan for the stations Douarnenez (D1), Molene and Sein. See document Supplementary_Table_1.xlsx

Supplementary Table 2: Time coverage of the available biological and environmental data

Data type	Zone	Time coverage
Phytoplankton	Douarnenez	January 2013 - December 2018
	Sein	April 2012 - November 2020
	Molène	May 2011 - November 2017
	Transects	October 2010 - September 2020
Zooplankton	Douarnenez	2011, 2013-2021
	Molène	2011 - 2013

	Transects	2010 - 2022
Environmental (surface and bottom temperature and salinity)		2010-2013, 2015-2023
Environmental (profiles of temperature, salinity, turbidity, oxygen, fluorescence)		2016, 2018-2023

25 **Supplementary Table 3: Names and associated ID number of all the Ecotaxa projects**

Ecotaxa ID	Name of the project
436	Zooscan AMP pnmir WP2 200 2010
434	Zooscan AMP WP2 200 2013 2015 sn001
435	Zooscan AMP WP2 200 2013 2015 sn033
442	Zooscan AMP WP2 200 2010 2011
443	Zooscan AMP WP2 200 2011 2012
468	Zooscan AMP pnmir WP2 200 2011 2012 2013 2014
826	Zooscan AMP pnmir WP2 200 2016
1140	Zooscan AMP Douarnenez WP2 200 2015 2016 2017
1244	Zooscan AMP pnmir WP2 200 2017
3847	Zooscan AMP pnmir WP2 200 2018
3848	Zooscan AMP pnmir WP2 200 2019
3849	Zooscan AMP pnmir WP2 200 2020
5759	Zooscan AMP pnmir WP2 200 2021
6448	Zooscan AMP pnmir WP2 200 2022
8055	Zooscan AMP Douarnenez WP2 200 2011
9297	Zooscan AMP Douarnenez WP2 200 2021
9318	Zooscan AMP Douarnenez WP2 200 2018 2019 2020
11128	Zooscan AMP pnmir WP2 200 2023