

# 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 cells 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 phytoplankton data.** 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\_2.xlsx

**Supplementary Table 3: 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

30 **Supplementary Table 4: Names and associated ID number of all the Ecotaxa projects**

Ecotaxa ID	Name of the project	Link to project
436	Zooscan AMP pnmir WP2 200 2010	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/436">https://ecotaxa.obs-vlfr.fr/gui/prj/436</a>
434	Zooscan AMP WP2 200 2013 2015 sn001	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/434">https://ecotaxa.obs-vlfr.fr/gui/prj/434</a>
435	Zooscan AMP WP2 200 2013 2015 sn033	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/435">https://ecotaxa.obs-vlfr.fr/gui/prj/435</a>
442	Zooscan AMP WP2 200 2010 2011	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/442">https://ecotaxa.obs-vlfr.fr/gui/prj/442</a>
443	Zooscan AMP WP2 200 2011 2012	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/443">https://ecotaxa.obs-vlfr.fr/gui/prj/443</a>
468	Zooscan AMP pnmir WP2 200 2011 2012 2013 2014	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/468">https://ecotaxa.obs-vlfr.fr/gui/prj/468</a>
826	Zooscan AMP pnmir WP2 200 2016	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/826">https://ecotaxa.obs-vlfr.fr/gui/prj/826</a>
1140	Zooscan AMP Douarnenez WP2 200 2015 2016 2017	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/1140">https://ecotaxa.obs-vlfr.fr/gui/prj/1140</a>
1244	Zooscan AMP pnmir WP2 200 2017	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/1244">https://ecotaxa.obs-vlfr.fr/gui/prj/1244</a>
3847	Zooscan AMP pnmir WP2 200 2018	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/3847">https://ecotaxa.obs-vlfr.fr/gui/prj/3847</a>
3848	Zooscan AMP pnmir WP2 200 2019	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/3848">https://ecotaxa.obs-vlfr.fr/gui/prj/3848</a>
3849	Zooscan AMP pnmir WP2 200 2020	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/3849">https://ecotaxa.obs-vlfr.fr/gui/prj/3849</a>
5759	Zooscan AMP pnmir WP2 200 2021	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/5759">https://ecotaxa.obs-vlfr.fr/gui/prj/5759</a>
6448	Zooscan AMP pnmir WP2 200 2022	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/6448">https://ecotaxa.obs-vlfr.fr/gui/prj/6448</a>

8055	Zooscan AMP Douarnenez WP2 200 2011	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/8055">https://ecotaxa.obs-vlfr.fr/gui/prj/8055</a>
9297	Zooscan AMP Douarnenez WP2 200 2021	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/9297">https://ecotaxa.obs-vlfr.fr/gui/prj/9297</a>
9318	Zooscan AMP Douarnenez WP2 200 2018 2019 2020	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/9318">https://ecotaxa.obs-vlfr.fr/gui/prj/9318</a>
11128	Zooscan AMP pnmir WP2 200 2023	<a href="https://ecotaxa.obs-vlfr.fr/gui/prj/11128">https://ecotaxa.obs-vlfr.fr/gui/prj/11128</a>