



DTU Aqua - Cruise report

Tobisskrabetogt Rey - 4Q - 2023

Trawl Survey

REYKJA

Denmark

From 2023-11-21 to 2023-12-13

DTU Aqua
National Institute of Aquatic Resources

DTU Aqua
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Cruise Summary

General Information

Cruise	Tobisskrabetogt Rey
Research Vessel	REYKJA
Year and Quarter	4Q 2023
Country	Denmark

Location and Time

	Date	Time
Departure	2023-11-21	00-00
Arrival	2023-12-13	00-00

Participants

Name	Institute	Function tasks	Leg
Leg 1			
Brian Werner	DTU-Aqua	Cruise-leader	1
Jan Werner	DTU-Aqua	Length measurements	1

Objectives

- To describe the existence of fish in the waters surrounding Denmark based on their occurrence in scientific trawl./ At beskrive udbredelsen af fisk i farvandende omring Danmark ved brug af videnskabeligt trawl.
- To collect biological data regarding age, weight and maturity from subsamples of the catch from selected species./ At indsamle biologisk materiale vedr. alder, vægt og modenhed fra stikprøver fra fangsten af udvalgte arter.
- Recording of hydrographic data with CTD./Opsamling af hydrografidata med CTD.

This Survey

During the cruise, apart from recording a complete set of factual information concerning haul information, gear performance, catch results, hydrographic information etc., the cruise leader keeps a logbook taking notes about circumstances (unusual gear performance, special catches, non-conformities etc. during the survey. The haul summary below is the overview from this logbook.

Stations

155 hauls were conducted during the survey. The positions off all hauls are presented in the map in Fig. 1.

Weather Conditions

No Remarks on the Weather conditions

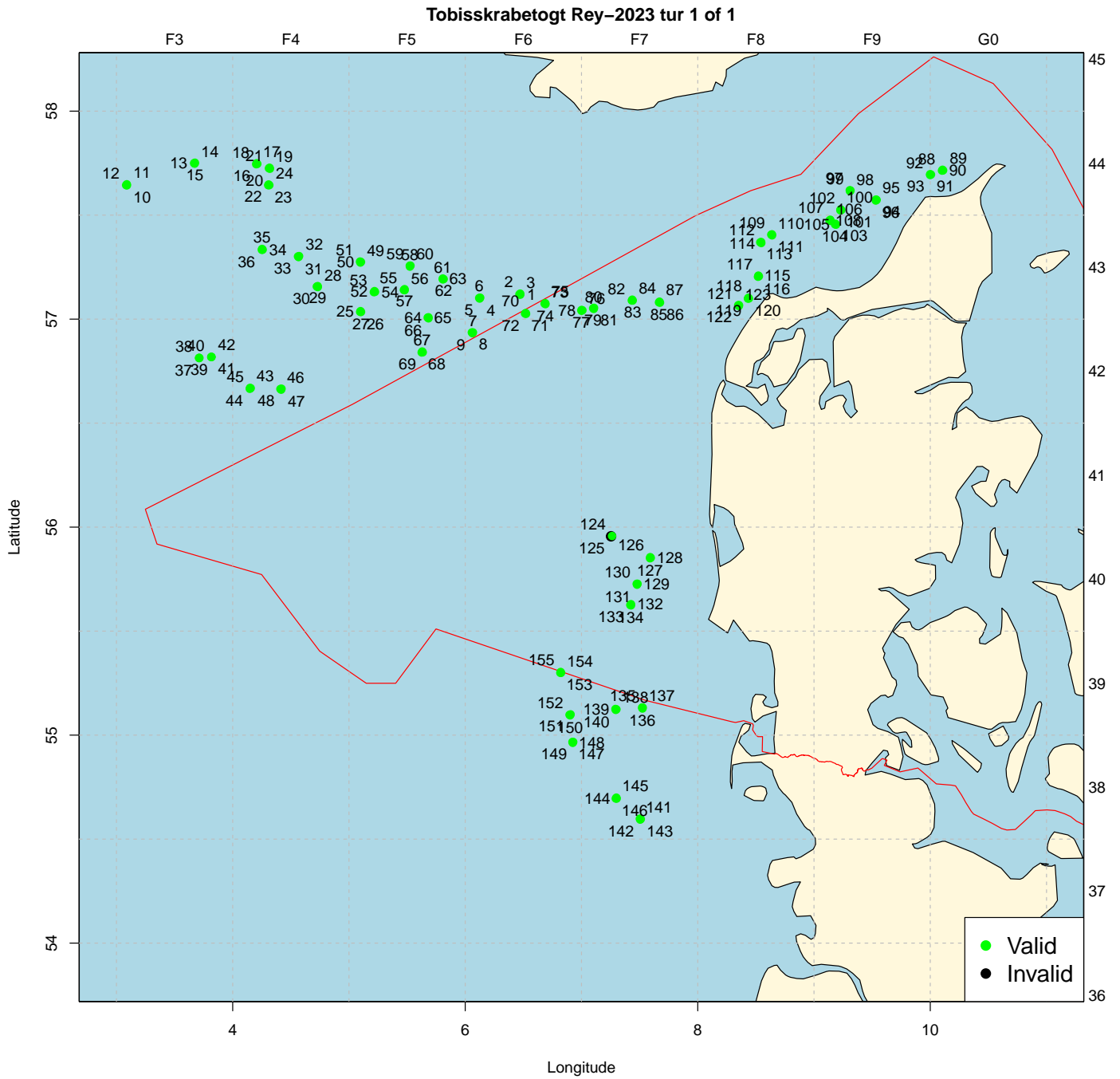
Gear performance

No remarks on the Gear performance

Oxygen Conditions

No remarks on the Oxygen conditions

Station Map



Figur 1. Plot af stationer.

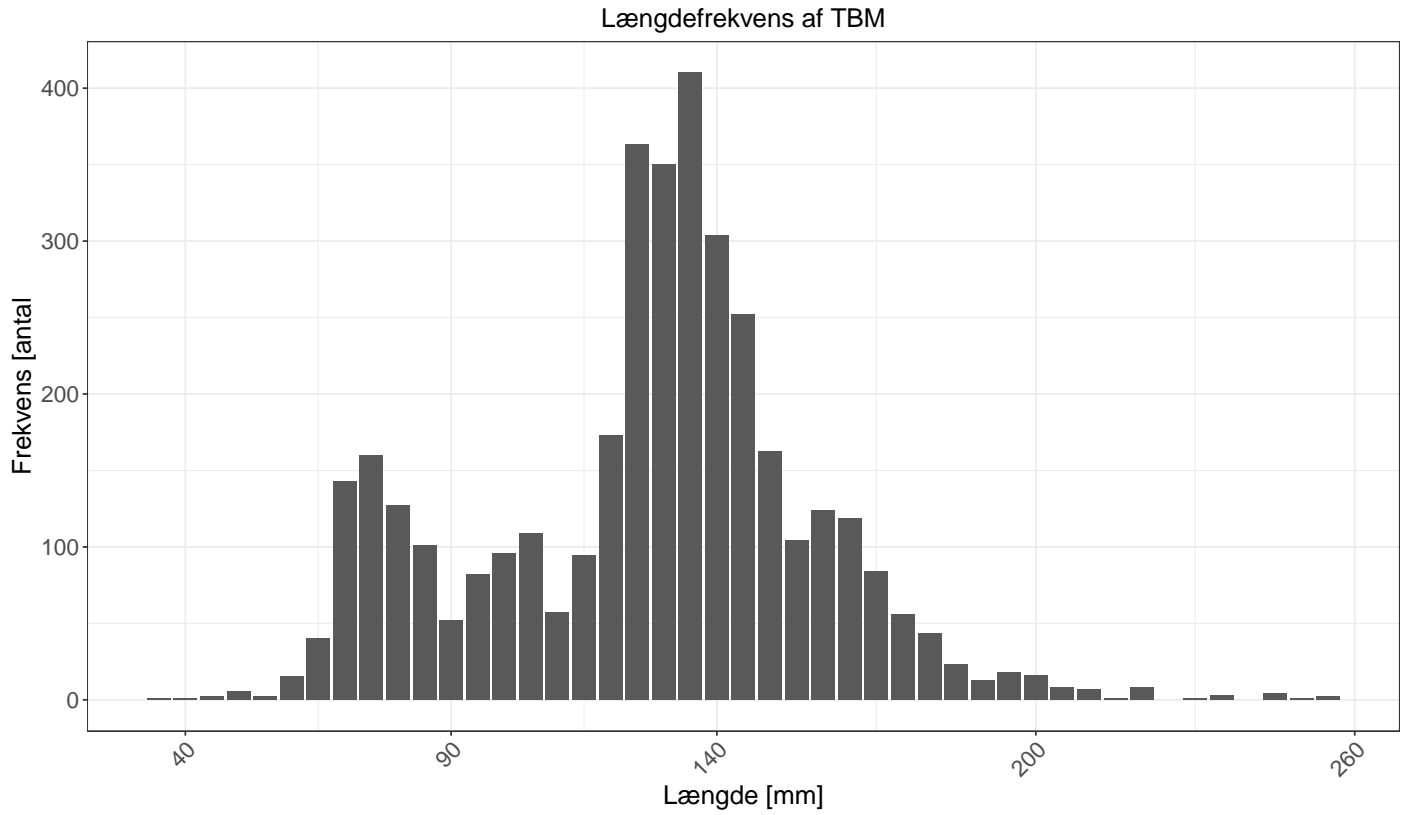
Catch Overview

Table 2: Sample Overview

	Sub sampled [kg]	Total [kg]	Sub sampled [Nr.]	Total [Nr.]	Individuals collected	Genetics Sampled
Total Catch	22.4	24.8	3866	4194	1406	0
selected species						
BRS	0	0	0	0	0	0
RSP	0	0	0	0	0	0
SIL	0	0	0	0	0	0
TNG	0	0	0	0	0	0
TOR	0	0	0	0	0	0
TBM	22	24.4	3410	3738	1400	0

Length distribution

TBM



Species Caught

The total catch per species for the while cruise is presented in the table below.

Table 1: Arter fanget på tur 1

Latinsk navn	Dansk navn	Antal	Vægt (kg)
Gymnammodytes semisquamatus	Nøgentobis	455	0.4
Hyperoplus lanceolatus	Plettet tobiskonge	1	0.0
Ammodytes marinus	Havtobis	3738	24.4