



DTU Aqua - Cruise report

Tobisskrabetogt AH - 4Q - 2024

Trawl Survey

ARCTIC Denmark

From 2024-11-25 to 2024-12-09

DTU Aqua
National Institute of Aquatic Resources

DTU Aqua
Kemitorvet, Building 202
2800 Kgs. Lyngby
Denmark

Contents

Cruise Summary 2

 General Information 2

 Location and Time 2

 Participants 2

Objectives 2

This Survey 2

 Stations 3

 Weather Conditions 3

 Gear performance 3

 Oxygen Conditions 3

 Station Map 4

 Catch Overview 5

 Length destribution 6

 TBM 6

 Species Cought 7

Cruise Summary

General Information

Cruise	Tobisskrabetogt AH
Research Vessel	ARCTIC
Year and Quarter	4Q 2024
Country	Denmark

Location and Time

	Date	Time
Departure	2024-11-25	00-00
Arrival	2024-12-09	00-00

Participants

Name	Institute	Function tasks	Leg
Leg 1			
Kasper Schaltz	DTU-Aqua	Cruise-leader	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 omrking 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

123 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

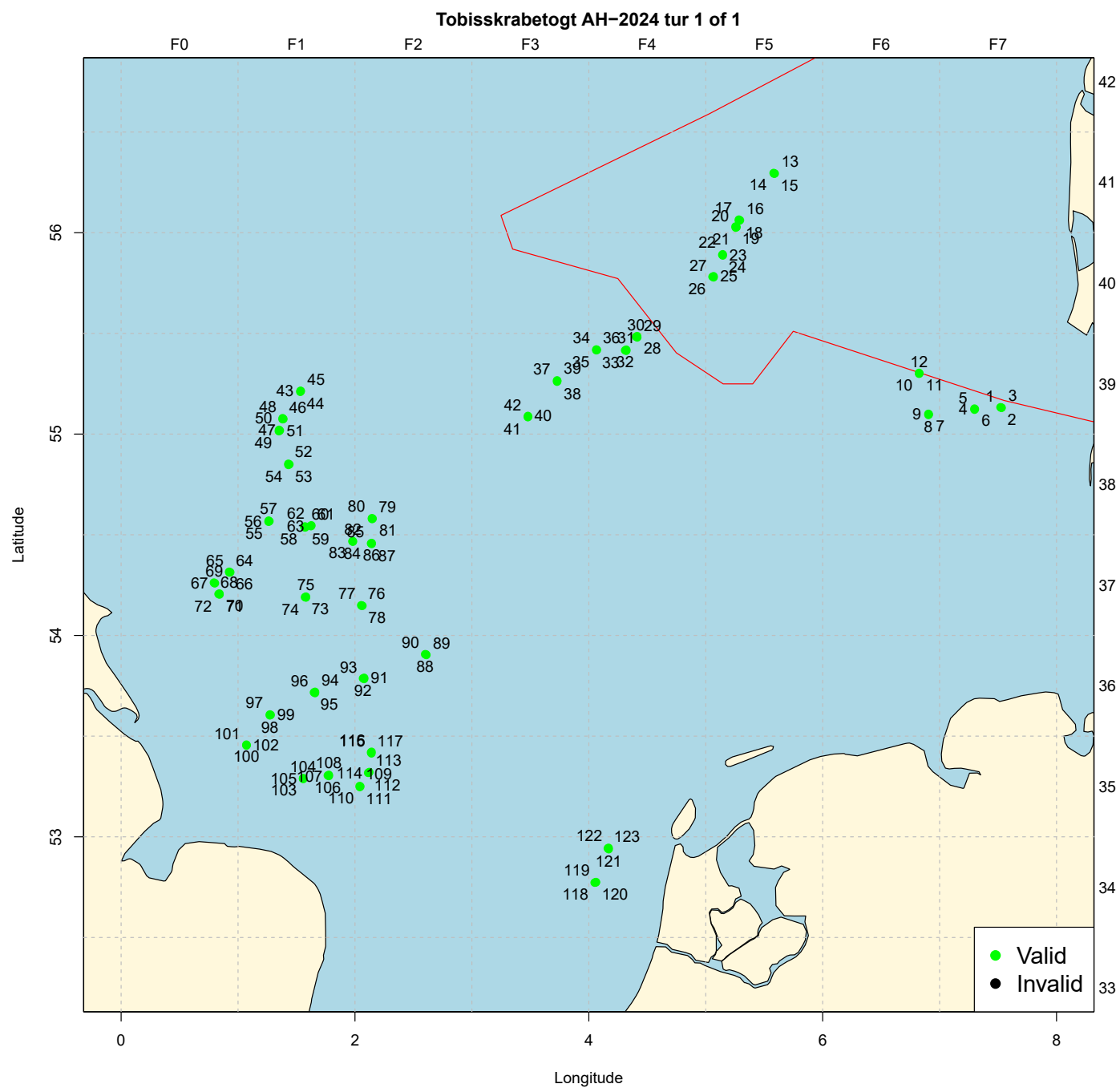
Gear performance

No remarks on the Gear performance

Oxygen Conditions

No remarks on the Oxygen conditions

Station Map



Figur 1. Plot af stationer.

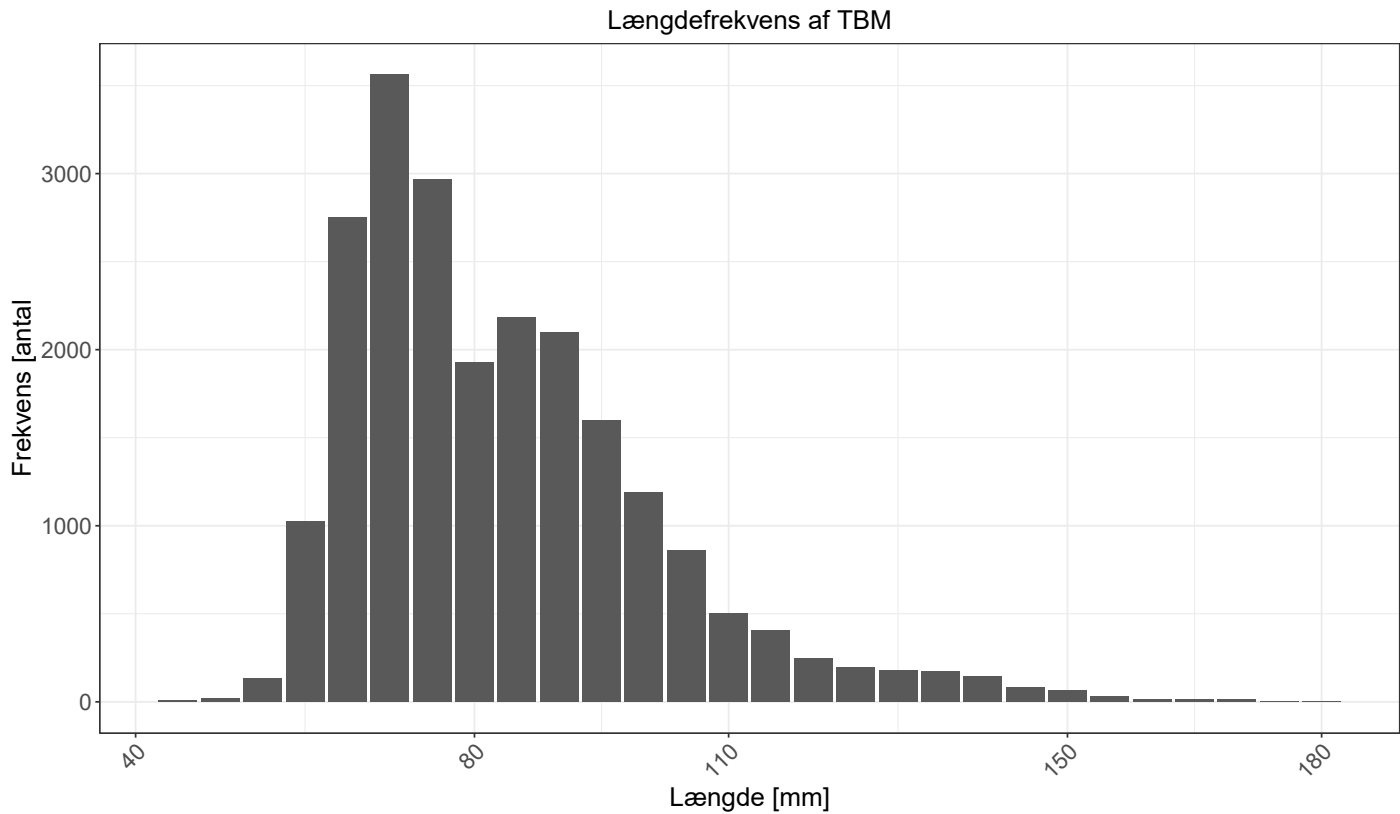
Catch Overview

Table 2: Sample Overview

	Sub sampled [kg]	Total [kg]	Sub sampled [Nr.]	Total [Nr.]	Individuals collected	Genetics Sampled
Total Catch	21.3	38.9	12316	22747	1920	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	20.9	38.6	11964	22395	1920	0

Length destribution

TBM



Species Cought

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	288	0.2
Hyperoplus lanceolatus	Plettet tobiskonge	64	0.1
Ammodytes marinus	Havtobis	22395	38.6