

Department of Fisheries and Oceans
Science Branch
St. John's, NL.

Trip Summary

Vessel: Teleost
Sails from: St. John's, NL.
Returns to: St. Anthony, NL

Trip No.: 179
Date: October 11, 2017
Date: October 24, 2017

Technical Staff: L. Mello (I.C.)
T. Maddigan
P. Upward
C. Peters
L. Hayes

R. Chafe
W. Coffey
L. Gullage
J. Mercer

Area of Operation: NAFO Divisions 2HJ

Purpose: To determine the distribution and abundance of commercial and non-commercial fish and invertebrate species with respect to position, depth and temperature and to collect biological samples.

Results: The vessel departed St. John's on Oct. 11 at 1030 and returned to St. Anthony on Oct. 24 and was secured at the wharf by 0700. In total 58 fishing stations were successfully occupied in NAFO Div. 2H and 4 stations in Div. 2J (Figure 1). The average fishing depth ranged from 98 to 640 m, and the water temperature at fishing depth ranged from -0.2 to 4.3°C.

Total catch (all species combined) amounted to 12726 kg, and catch per tow ranged from 26 to 2109 kg. A total of 141 taxonomic groups were represented in catch, but most of the catch by weight consisted of Shrimp-Natantia, Turbot, Arctic Cod, and Redfish. The remaining taxonomic groups contributed to about 37% of the total catch by weight (Figure 2).

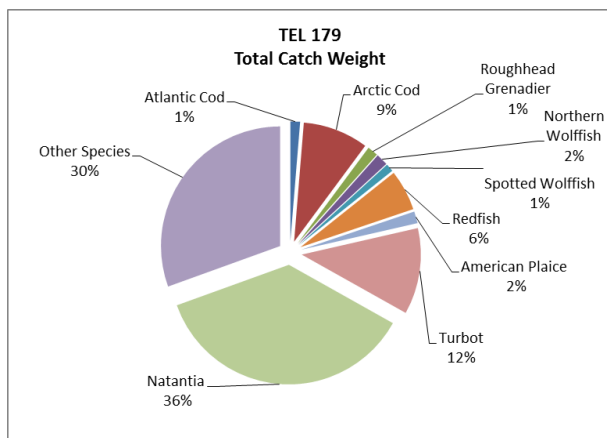


Figure 2. Catch weight composition for stations occupied in Divisions 2HJ.

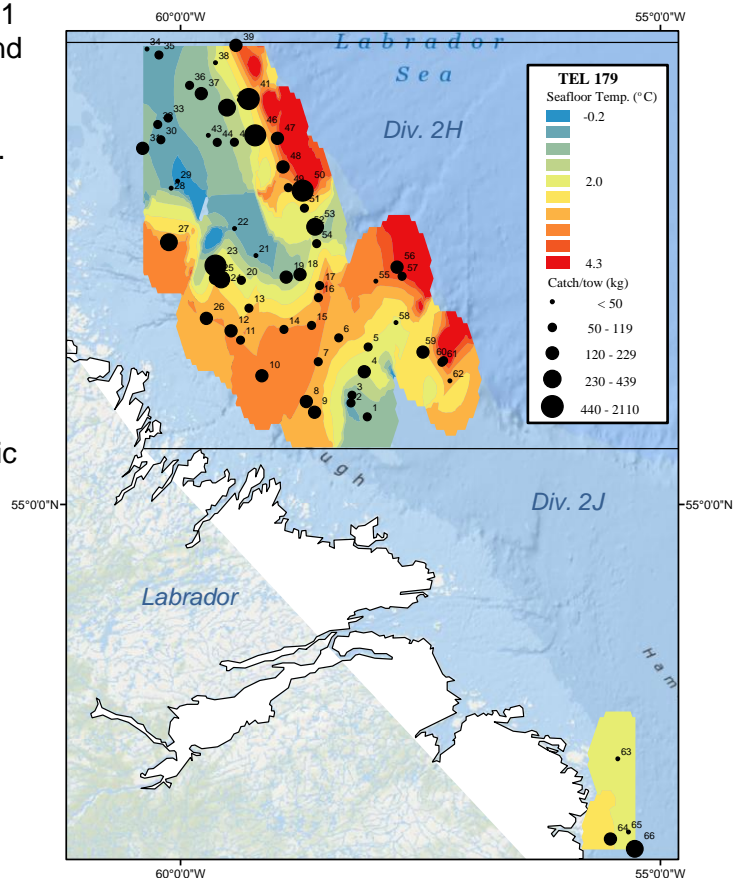


Figure 1. Fishing stations (1-66) occupied from October 11 to 24, 2017. Tows 38,40,52, and 62 were unsuccessful.

Luiz Mello
Scientist in Charge