



Serial No. 2242
/D.c.2/

ICNAF Res. Doc. 69/77

ANNUAL MEETING - JUNE 1969

Fork length - head girth relationships
for Grand Bank and St. Pierre Bank haddock

by R. Wells

Fisheries Research Board of Canada
Biological Station, St. John's, Newfoundland

Fork length to the nearest centimetre and head girth* to the nearest millimetre were measured from haddock samples and straight lines were fitted as follows:

<u>Period</u>	<u>Area</u>	<u>No. fish</u>	<u>Length-girth equation</u>
November, 1967	Grand Bank	125	$G = .54 L - 0.75$
May, 1968	Grand Bank	221	$G = .53 L - 1.02$
November, 1967 and May, 1968	Grand Bank	346	$G = .54 L - 1.05$
May, 1968	St. Pierre Bank	149	$G = .50 L - 1.08$

The curves for the St. Pierre Bank data and for the combined Grand Bank data are shown in Fig. 1.

* For the head girth measurement the tape was placed around the fish such that it covered the bases of the pectoral fins and the anterior edge of the tape touched the extreme posterior edge of the operculum.

/over/

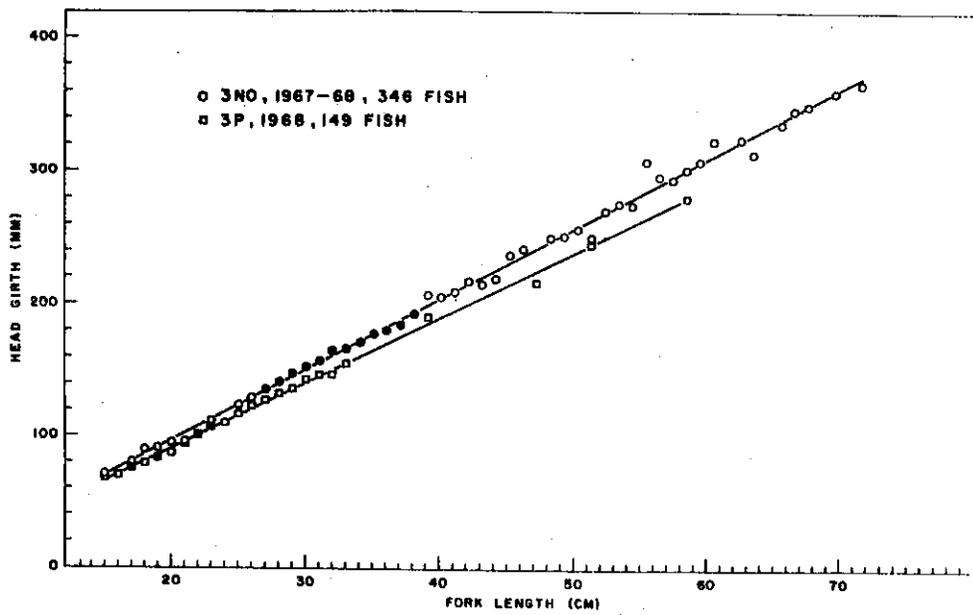


Fig. 1. Fork length - head girth relationships for Grand Bank and St. Pierre Bank haddock, 1967-68. Blacked-in symbols represent averages of ten or more fish.