

ANNUAL MEETING - JUNE 1954Amendment to Danish Research Report 1953

(Document No. 16)

On 25 May 1954 the Secretariat received from Grønlands Fiskeriundersøgelser a revised text for that part of the Danish Research report which deals with cod taggings in Greenland waters.

This revision was prepared in order to make it possible to consider a series of recaptures reported after the research report had been forwarded.

Owing to the late date of receipt it has not been possible to change the text of the original report, and those having received that report are therefore asked to consider the following as a substitute to the text in the original report under item 4 from page 4, 21 line from above "A total of 50 cod" to page 5, 8 line from above "the rich year-classes 1942 and 1945".

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A total of 52 of the cod tagged in 1953 were recaptured in the same year. Nearly all were recaptured near the place of the tagging. Only in three cases were recaptures taken in some distance from the tagging locality, namely, one recaptured on Store Hellefiske Bank, which was tagged on Lille Hellefiske Bank, and two tagged in Ameralik Fjord, recaptured later on Fylla Bank and on Store Hellefiske Bank respectively.

Among the recaptures taken near the tagging place, 23 were taken on Store Hellefiske Bank, 1 on Lille Hellefiske Bank (Banana Bank), and 5 on Fylla Bank, while 18 were taken in Ameralik Fjord and 2 in Godthåb Fjord.

Recaptures from tagging experiments in other years were distributed as follows:

Year of tagging.	Recaptured in 1953	
	Greenland	Iceland
1947		1
1948	7	2
1949	11	8
1950	11	1
1951	11	5
1952	117	9
<b>Total</b>	<b>157</b>	<b>26</b>

The number of recaptures from Iceland were higher than in 1952 but compared with the number of recaptures from Greenland it was insignificant. From all the recaptures in 1953 (cod tagged in 1953 omitted) the recaptures from Iceland only amounted to 14.2% against 13.9% in 1952. The percentages of recaptures from Iceland are very much alike in these two years.

Considering the large number of cod which have been tagged at Greenland in the latest years the number of recaptures at Iceland has not been very high in 1953. They cannot approximately enter in comparison with the numbers from the years before the war where in 1933, 1934, 1938 and 1939 the corresponding percentages of recaptures from Iceland amounted to respectively 73.1, 67.1, 48.8 and 51.2%.

Among the recaptures from Iceland, 17 have been tagged in Julianeheb district, 1 in Frederikshab district, 1 in Ameralik Fjord, 1 in Sukkertoppen district, 2 in Disko Bay, 3 on Fylla Bank and 1 on Lille Hellefiske Bank.

It is seen that like in previous years the largest numbers of recaptures from Iceland originate from taggings in Julianeheb district.

Otoliths have been taken from twentytwo of the cod recaptured in Icelandic waters. The age analyses gave the following results:

Year class	age group	1947	-48	-49	-50	-51	-52	total
1940	XIII		1					1
1942	XI	1		3		2	1	7
1943	X		1	2				3
1944	IX					2	1	3
1945	VIII				1	3	4	8
<b>Total</b>		<b>1</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>22</b>

It appears from the table that the largest numbers of recaptures from Iceland belong to the two rich year classes 1942 and 1945.