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Recaptures of cod tagged in Div. 2J+3KL in 1962-66

by

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Nine tagging experiments are examined (Table 1). All tagging localities were in the offshore area. Recaptures during the year of tagging were not considered.

Tables 2, 3 and 4 show the number of recaptures by Division for the inshore fishery and in total for the offshore fishery.

About one-third of the recaptures were taken inshore. Reporting of tags to the Newfoundland Biological Station by inshore Canadian fishermen was undoubtedly better than reporting by other countries.

It seems clear, nevertheless, that the cod taken by the Canadian inshore fleet comprise an integral part of the Div. 2J+3KL cod stock.

Table 1. Area of tagging of cod, date of tagging, number tagged and number of recaptures for a tagging experiment in Div. 2J+3KL in the period 1962-66.

Expt.	Area	Div.	Date	No. tagged	No. recaptured in total	No. recaptured excluding year of tagging
5	Hamilton Inlet Bank	2J	62/09/12-13 62/09/13-18 62/09/18-21	1,088	232	193
6	Belle Isle Bank	2J	62/09/23-25 62/09/25-26	736	175	159
17	Virgin Rocks	3L	63/07/6-8	1,152	286	193
30	North Cape, Grand Banks	3L	64/04/18-20	768	69	29
33	SE Hamilton Inlet Bank	2J	64/05/10-14	1,152	185	125
34	South Side Hawke Channel	2J	64/05/15-16	768	130	79
35	Funk Island Deep	3K	64/05/17-18	384	96	64
36	Northern Grand Banks	3L	64/05/20-21	768	41	24
51	Northern Hamilton Inlet Bank	2J	66/04/21-22	1,120	300	145

Table 2. Recaptures by division in the inshore fishery of cod tagged in Div. 2J in 1962, 1964 and 1966. Experiments 5, 6, 33, 34 and 51). Recaptures by the offshore fleet are given for all Divs. combined.

Div	Exp	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
2	5	18	11	3	4	-	-	1	-	-	-
	6	9	-	2	1	1	-	-	-	-	-
	33			15	1	1	-	-	-	-	-
	34			4	4	1	4	-	-	-	-
	51					15	7	2	1	-	-
Total		27	11	24	10	19	11	3	1	-	-
3K	5	15	2	2	2	3	-	-	-	-	-
	6	15	10	2	-	-	1	3	-	1	-
	33			2	1	1	1	-	-	-	-
	34			5	1	-	-	1	-	-	-
	51					10	2	-	1	-	-
Total		30	12	11	4	14	4	4	1	1	-
3L	5	1	-	-	-	-	-	-	-	-	-
	6	1	3	1	1	-	-	-	-	-	-
	33			1	1	-	-	-	-	-	-
	34			-	1	-	1	-	-	-	-
	51					-	1	-	-	-	1
Total		2	3	2	3	-	2	-	-	-	1
Other	5	12	3	-	1	1	1	-	1	-	-
	6	21	3	3	4	3	1	-	-	-	-
	33			4	2	1	-	-	-	-	-
	34			2	-	-	2	-	1	-	-
	51					5	4	-	-	-	-
Total		33	6	9	7	10	8	-	2	-	-
Total Ins	5	46	16	5	7	5	1	1	1	-	-
	6	46	16	8	6	4	2	3	-	1	-
	33			22	5	3	5	-	-	-	-
	34			11	6	1	3	1	1	-	-
	51					30	14	2	2	-	1
Total		92	32	46	24	43	25	7	4	1	1
Total Off	5	46	26	25	9	3	1	-	1	-	-
	6	30	21	13	5	2	1	-	1	-	-
	33			60	20	7	2	1	-	-	-
	34			36	12	3	4	-	1	-	-
	51					58	29	7	1	1	-
Total		76	47	134	46	73	37	8	4	1	-

Table 3. Recapture by division in the inshore fishery of cod tagged in Div. 3K in 1964. (Experiment No. 35). Recaptures by the offshore fleet are given for all Divisions combined.

Recaptured in Div.	1965	1966	1967	1968	1969	1970
2	3	-	1	1	-	-
3K	3	3	-	2	-	-
3L	3	-	-	-	-	1
OTHER	2	-	-	-	1	-
Total Inshore	11	3	1	3	1	1
Total Offshore	28	8	5	2	-	1

Table 4. Recaptures by Div. in the inshore fishery of cod tagged in Div. 3L in 1963 and 1964. (Experiments 17, 30 and 36). Recapture by the offshore fleet are given for all Divisions combined.

Div.	Exp	1964	1965	1966	1967	1968	1969	1970	1971	1972
2	17	-	-	-	-	-	-	-	-	-
	30	-	-	-	-	1	-	-	-	-
	36	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	1	-	-	-	-
3K	17	-	-	-	-	-	-	-	-	-
	30	-	-	1	-	-	-	-	-	-
	36	-	-	-	-	-	-	-	-	-
	Total	-	-	1	-	-	-	-	-	-
3L	17	8	4	1	-	1	-	-	-	1
	30	-	3	3	-	-	-	-	-	-
	36	-	2	1	1	-	-	-	1	-
	Total	8	9	5	1	1	-	-	1	1
OTHER	17	1	1	-	-	-	-	-	-	-
	30	-	1	-	-	1	-	-	-	-
	36	-	-	-	-	-	-	-	-	-
	Total	1	2	-	-	1	-	-	-	-
TOTAL INS	17	9	5	1	-	1	-	-	-	1
	30	-	4	4	-	2	-	-	-	-
	36	-	2	1	1	-	-	-	1	-
	Total	9	11	6	1	3	-	-	1	1
TOTAL OFF	17	93	39	22	9	9	3	1	-	-
	30	-	12	2	2	2	1	-	-	-
	36	-	9	5	3	2	-	-	-	-
	Total	93	60	29	14	13	4	1	-	-

