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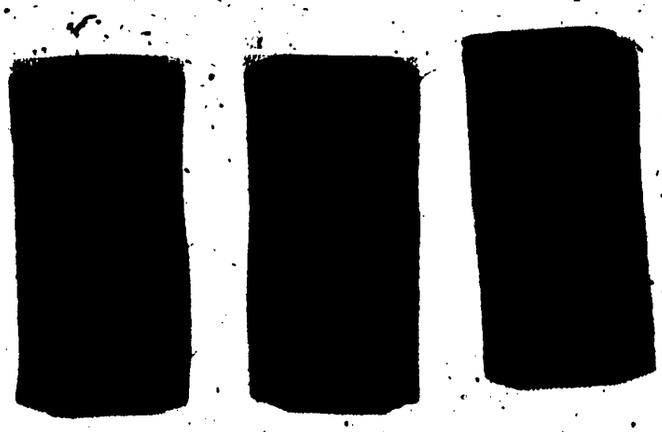

FISHERIES RESEARCH BOARD OF CANADA

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(BIOLOGICAL)

No. 634

TITLE

The commercial fishery of Great Slave Lake during the summer season of 1956

AUTHORSHIP

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Establishment

Biological Station
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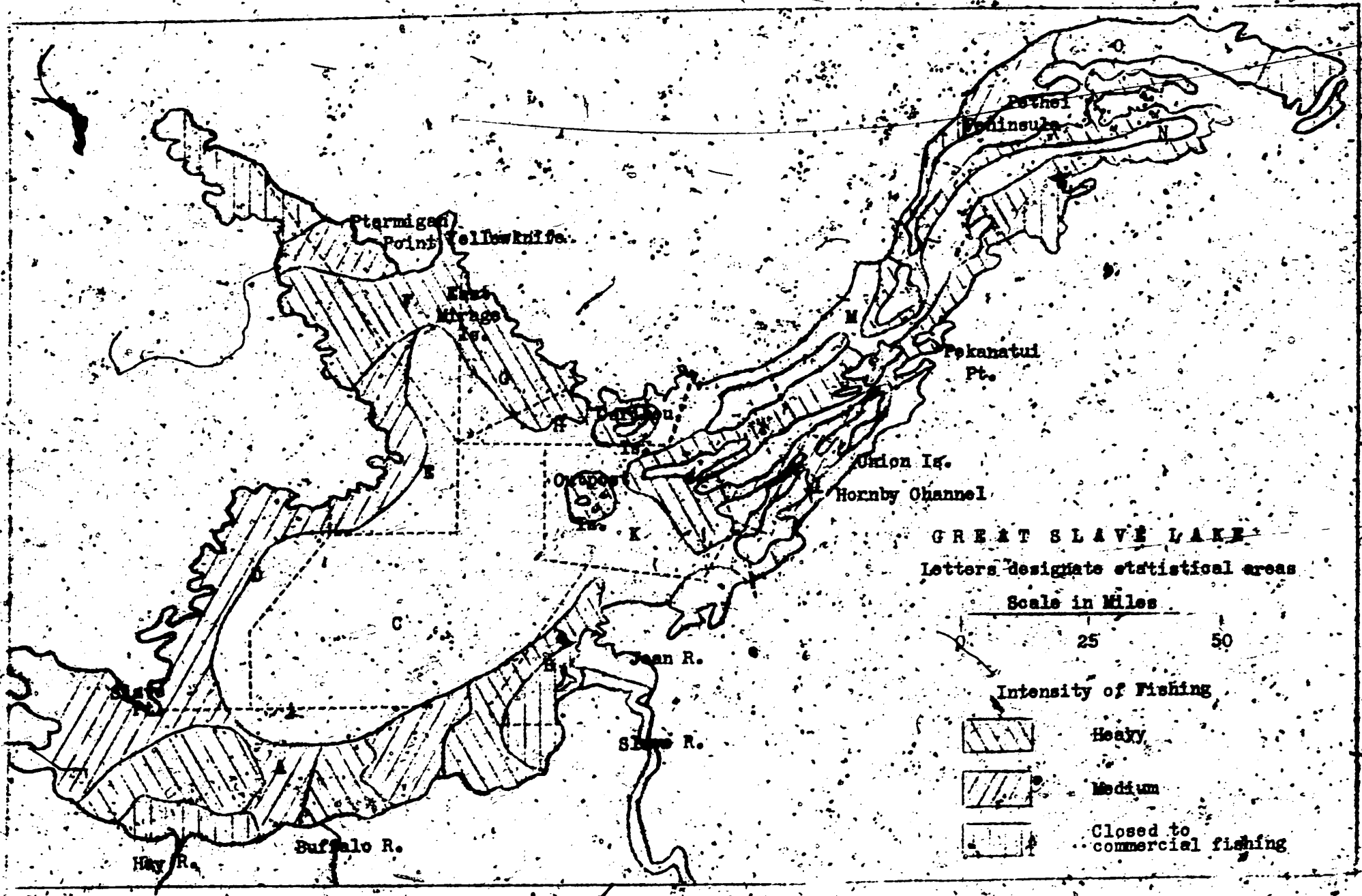


Figure 1. A map of Great Slave Lake showing statistical areas and distribution of fishing during the summer season of 1956.

INTRODUCTION

The study of the summer commercial fishery of Great Slave Lake during 1956 was directed by K. G. Roberts, and conducted by C. G. Haight, E. J. Paetkau, H. G. Hamp, J. G. Sunley, W. A. Hodson, and G. S. Anderson. Mrs. Kostelnuk made most of the analysis for this report. The age determinations were made by J. W. Morrison.

Lake trout, Cristivomer namaycush, and lake whitefish, Coregonus clupeaformis, were the principal species. Some inconnu, Stenodus leucichthys, northern pike, Esox lucius, and yellow walleye, Stizostedion v. vitreum were marketed. Other rough fish never sold are cisco, Leucichthys spp., burbot, Lota lota, suckers, mostly Catostomus catostomus with a few C. commersoni, American grayling, Thymallus signifer, round whitefish, Prosopium cylindraceum and goldeye, Amphiodon alosoides.

During the 1956 summer fishery six companies carried out fishing operations which began on June 16 and ended on September 15, 1956. To record overall production and fishing effort, Fisheries Research Board personnel maintained daily interviews with fishermen from five of these companies: Alaska Fisheries, McInnes Products Corporation, Carter Fisheries, Kucher and Trefiak Fisheries, and Menzies Fisheries. At these five companies the individual weights of approximately 40,000 trout and whitefish were recorded. Most of the companies operated on a larger scale than in previous years. During the 1956 summer season, 67 fishing boats and 4 skiffs

participated in the fishing operations compared to 64 boats and 6 skiffs for the summer of 1955. The number of boats, skiffs, and licences in parentheses, used by each company during 1956 was as follows: Alaska 15 boats, 2 skiffs, (50); McInnes 15 boats, (39); Carter 10 boats, 1 skiff, (33); Kucher and Trefiak 9 boats, (37); Menzies 9 boats, 1 skiff; (28); and Gateway 9 boats, (28).

After the quota had been reached in Administrative Area I (Hay River) and the lake had become free of ice, the fish companies moved to their respective summer grounds. Alaska Fisheries operated at Hornby Channel for a very short period at the beginning of June but transferred to Pethei Peninsula, their usual base of operation, until August 26 at which time they returned to Hornby Channel to complete their season on September 9.

McInnes Products commenced fishing operations at Pekanatui Point in the East Arm on June 30 and remained at this location for the entire season. The greater part of their operations for the season was fresh fish and no frozen fillets of whitefish or trout were produced by them.

Carter Fisheries operated from the Outpost Islands until June 30. They then transferred their operations to the Caribou Islands on August 9 where they stayed for the remainder of the season.

Kucher and Trefiak Fisheries operated during the entire summer at Ptarmigan Point where they have maintained

for the past three or four seasons, a permanent shore installation consisting of an ice house and a cook house. Some of the fishermen have built summer camps here in preference to living on boats or in tents.

Menzies Fisheries began fishing on June 27 stationed at Moraine Bay. On June 30 they moved to Dawson Landing (on the south shore), and then on July 25 transferred to Moose Bay (in the East Mirage Islands area) where they completed their season.

Gateway Fisheries first located at Buffalo River, moved to the Outpost Islands, then to the East Mirage Islands and eventually moved to Moraine Bay where they maintained a base of operation for the remainder of their season.

All six companies fished the Hay River area and most intensive fishing was carried on in the western portion of Area A and the Slave Point vicinity of Area D. All statistical areas were fished during the season, and Areas F, K, L, M, and N were fished most extensively.

"Skiff fishing", a one-man operation, is used by those who do not wish to invest the capital necessary to outfit a two- or four-man boat. This method of fishing appears to be increasing with each successive year.

The fishing gear was entirely 5½-inch mesh (stretched measure) gill nets. McInnes Products Corporation used about 40 per cent cotton mesh nets, while the other companies used

entirely nylon mesh nets. Some boats were equipped with net-lifters for the first time on Great Slave Lake. The operators found them satisfactory and successful and, no doubt, more use will be made of them in the near future. There was an increase in the use of depth recorders which, the fishermen claim, save time and provide a clearer indication of the bottom than the use of a sounding line. A greater number of companies are using two-way radio-telephones. It is expected that in the future every company and a considerable number of fishermen will use this method of communication.

The parasite, Triaenophorus crassus, was not as prevalent in the second intermediate host during the 1956 summer season as it was in 1955.

The estimated overall fishing effort was 9.8 per cent higher than in the previous year. There was a decrease of 3.3 per cent in the summer production for 1956 which consisted of a decrease of 8.1 per cent for trout and a 1.8 per cent increase for whitefish. The availability (an index of fishing success) for trout and whitefish combined decreased from 39 to 35 pounds per net since the previous year. The availability of whitefish was 15 pounds per net-night in 1956 compared to 19 pounds per net-night in 1955. The availability of trout was 20 pounds per net-night for 1955 and remained the same for 1956.

Approximately 3,200 scale samples of fish other than whitefish and trout were taken. Species included were

inconnu, cisco, pike, northern sucker, walleye, goldeye, round whitefish, and grayling.

ACKNOWLEDGMENTS

The assistance of Mr. R. S. Williams, Mr. G. H. Lawler, and the Department of Fisheries, Central Area, in the preparation of this report is sincerely appreciated. The co-operation of the fishermen and fish companies is gratefully acknowledged.

SIZE COMPOSITION

The average weights of the 18,607 trout sampled are given, according to statistical areas (Fig. 1) and bi-monthly periods, in Table I. The values of n, SX and SX^2 are presented in Table II and the corresponding frequency distribution of the weights is presented in Table III. The average size of trout sampled was 6.6 pounds which was the same as in 1955.

The average weights of the 24,451 whitefish sampled are given, according to statistical areas and bi-monthly periods in Table IV. The values of n, SX and SX^2 are presented in Table V and the corresponding frequency distribution of the weights is presented in Table VI. The average size of whitefish sampled was 2.8 pounds compared to 2.6 pounds the previous year. Although there has been an appreciable decrease in availability for the lake as a

whole in the past few years the average weights have remained fairly constant.

CATCH

The estimated catch as presented in Tables VII to XI was derived from interviews with the fishermen, the production records of the fish companies and weekly production reports by inspectors of the Department of Fisheries. The production of trout and whitefish combined decreased 3.3 per cent which consisted of a decrease of 8.1 per cent in trout production and an increase of 1.8 per cent in whitefish production.

Seventy-eight per cent of the summer quota for the whole lake was taken. All but 4,900 pounds of the 400,000 pound quota for Administrative Area I was reached by June 25. Sixty-eight per cent of the quota was taken in Area II, 96 per cent in Area III, and 45 per cent in Area IV.

The percentage of the trout and whitefish production sold by fishermen who were interviewed was 64.9 per cent in 1955.

FISHING EFFORT

The unit of fishing effort used for the analysis of Great Slave Lake summer data is a net-night which is the fishing effort of one 100-yard gill net set for one night or the equivalent effort of nets set for more than one night.

The distribution of the fishing is shown in Figure 1. The estimated total fishing effort and the fishing effort of the fishermen who were interviewed are presented in Tables XII and XIII respectively. There was an estimated 8.9 per cent increase in the total fishing effort, in net-nights, during the summer of 1956. Approximately 65 per cent of the fishing effort was covered in the interviews with the fishermen.

The total fishing effort for the fishermen who were interviewed increased 4.2 per cent. There was a great deal more fishing effort in Areas A, B, H, K, M, N, and O, and on the other hand, decreased a great deal in Areas D, E, F, and L.

AVAILABILITY

The availabilities (defined as the number of pounds of fish per net-night) are presented in Tables XIV to XVI. These availabilities are based on the catch and effort of fishermen who were interviewed. The availability of trout and whitefish combined decreased from 39 to 35 pounds per net-night since the previous summer. This is the lowest value yet recorded for the past ten years and is now less than one-third of the value in 1947. The availability of trout and whitefish combined increased very slightly for Areas B and L and remained the same for Area G. There was a considerable decrease in most of the other areas.

The availability of whitefish was 15 pounds per net-night compared to 19 pounds per net-night in 1955. The availability increased in Areas B, E, H, and K and remained the same in Areas A, G, and L. It decreased in the other areas, especially Areas M, N, and O where it decreased by about half, although this could, perhaps, be attributed to the greatly increased fishing effort in these areas.

The availability of trout was 20 pounds per net-night, which was the same as the previous year. Areas G and L showed a slight increase in availability since last year and Area B remained the same. All the remaining areas decreased, on the average, by almost half. The availabilities in Areas A and K decreased 98.5 and 90 per cent, respectively.

ROUGH FISH STUDY

The statistics (including the values of n, SX and SX^2) of the size of various species of rough fish taken in 5½-inch mesh gill nets according to area are presented in Table XIX. The corresponding frequency distribution is given in Table XX. The weights of the fish from the East Arm differ from those in the main lake and for this reason the weights are grouped into Areas A-G and H-O.

SCALE SAMPLES

The collection of scale samples from the rough fish (species other than trout and whitefish) taken from

the commercial fishery was continued and samples were taken for inconnu, cisco, northern pike, northern sucker, walleye, goldeye, round whitefish and grayling. Tables of the weights for each age are given in Table XXI.

FISH TAGGING

The tagging of fish was discontinued for the summer season of 1956. Until September 14th, fifty-nine reports of tagged fish recoveries were received. From earlier periods of tagging seventy-five per cent of the returns were from the same statistical area in which the fish were tagged. The longest time interval between tagging and recapture was seven years. Of the 3,669 fish tagged to date, a total of 354 or 9 per cent had been reported recovered to February 1, 1957.

Table I. Average size of trout, in pounds, from fish landed by the Great Slave Lake commercial fishery in 1956. The number of fish in each sample is shown in parentheses.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Season
A	6.7 (448)	...	...	...	...	...	6.7 (448)
B	...	...	...	...	5.3 (149)	...	5.3 (149)
D	5.6 (108)	...	...	...	...	...	5.6 (108)
E	4.8 (61)	...	7.2 (177)	...	5.7 (209)	...	5.8 (447)
F	...	6.6 (59)	5.1 (106)	5.6 (520)	5.2 (285)	...	5.5 (970)
G	...	...	5.3 (242)	5.7 (466)	5.2 (619)	...	5.4 (1,327)
H	...	6.9 (26)	...	6.5 (489)	5.8 (469)	...	6.1 (984)
K	...	12.8 (51)	6.5 (138)	5.8 (167)	...	...	7.1 (356)
L	...	6.2 (728)	...	5.6 (210)	6.1 (1,455)	6.1 (1,495)	6.1 (3,888)
M	...	7.0 (657)	6.7 (923)	6.3 (991)	6.4 (1,248)	7.5 (489)	6.7 (4,308)
N	...	7.5 (881)	7.2 (1,049)	7.2 (928)	7.9 (589)	7.4 (462)	7.4 (3,909)
O	...	7.1 (479)	7.5 (251)	8.4 (573)	8.9 (410)	...	8.0 (1,713)
Whole lake	6.5 (617)	7.0 (2,881)	6.8 (2,886)	6.6 (4,344)	6.4 (5,433)	6.6 (2,446)	6.6 (18,607)

Table II. Statistics of the size of trout in pounds.

Area		n	ΣX	ΣX^2
A	June 16-30	448	3119	27873
	Season	448	3,119	27,873
B	Aug. 16-31	149	788	4,514
	Season	149	788	4,514
D	June 16-30	108	605	4753
	Season	108	605	4,753
E	June 16-30	61	293	2235
	July 16-31	177	1276	11878
	Aug. 16-31	209	1190	7664
	Season	447	2,759	21,777
F	July 1-15	59	389	3291
	July 16-31	106	541	2931
	Aug. 1-15	520	2928	18932
	Aug. 16-31	285	1496	8898
	Season	970	5,354	34,052
G	July 16-31	242	1283	7959
	Aug. 1-15	466	2649	18005
	Aug. 16-31	619	3202	19486
	Season	1,327	7,134	45,450
H	July 1-15	26	179	1851
	Aug. 1-15	489	3171	24927
	Aug. 16-31	469	2709	19145
	Season	984	6,059	45,923
K	July 1-15	51	653	12239
	July 16-31	138	898	7384
	Aug. 1-15	167	969	7299
	Season	356	2,520	26,922
L	July 1-15	728	4485	37105
	Aug. 1-15	210	1176	7740
	Aug. 16-31	1455	8929	68461
	Sept. 1-15	1495	9075	67071
	Season	3,888	23,665	180,377
M	July 1-15	657	4618	43796
	July 16-31	923	6166	54462
	Aug. 1-15	991	6262	48370
	Aug. 16-31	1248	7972	63210
	Sept. 1-15	489	3682	31338
	Season	4,308	28,700	241,176
N	July 1-15	881	6586	60224
	July 16-31	1049	7511	68143
	Aug. 1-15	928	6687	62583
	Aug. 16-31	589	4628	43898
	Sept. 1-15	462	3403	29153
	Season	3,909	28,815	264,001
O	July 1-15	479	3403	33999
	July 16-31	251	1886	20170
	Aug. 1-15	573	4820	59432
	Aug. 16-31	410	3638	41922
	Season	1,713	13,747	155,523
Whole lake	Season	18,607	123,265	1,052,341

Table III. Weights of trout in samples from the Great Slave Lake commercial fishery in 1956.

Wt. in Lbs.	A	B	D	E			F				G		
	June 16-30	Aug. 16-31	June 16-30	June 16-30	July 16-31	Aug. 16-31	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	July 16-31	Aug. 1-15	Aug. 16-31
0	...	...	...	...	...	...	...	...	...	...	...	...	...
1	5	1	6	7	...	...	...	...	1	...	...	...	1
2	17	1	7	4	2	2	...	...	5	2	4	1	11
3	20	6	15	12	4	23	4	3	45	37	23	21	70
4	47	38	22	18	22	48	11	34	114	79	69	134	207
5	67	50	20	6	37	40	12	39	129	72	65	126	149
6	88	26	7	3	34	31	9	18	88	31	40	88	70
7	65	18	9	3	26	19	10	7	55	31	16	45	38
8	44	3	6	1	15	24	5	3	44	16	8	10	33
9	27	3	4	1	6	11	2	1	18	7	9	13	16
10	19	2	4	1	8	7	0	0	8	6	1	6	6
11	10	0	0	0	6	3	2	1	5	2	3	3	6
12	9	1	0	2	6	1	1	...	1	0	0	5	3
13	11	...	2	1	0	...	0	...	3	1	1	6	3
14	1	...	2	0	1	..	0	...	3	0	0	0	1
15	5	...	0	1	1	...	0	...	0	0	1	0	1
16	1	...	2	0	2	...	1	...	0	1	0	3	0
17	1	...	1	0	3	...	0	...	0	...	0	1	1
18	4	...	0	0	1	...	0	...	0	...	1	1	2
19	0	...	0	0	0	...	0	...	0	...	1	1	1
20	1	...	1	0	0	...	1	...	0	...	...	0	...
21	0	...	...	0	0	...	1	...	0	...	...	0	...
22	1	...	...	1	0	...	...	...	0	...	...	1	...
23	0	...	...	...	1	...	...	...	0	...	...	1	...
24	1	...	...	...	0	...	...	...	0	...	...	...	...
25	2	...	...	...	0	...	...	...	0	...	...	...	...
26	1	...	...	...	0	...	...	...	1	...	...	...	...
27	0	...	...	...	1	...	...	...	...	...	...	...	...
28	0	...	...	...	0	...	...	...	...	...	...	...	...
29	0	...	...	...	1	...	...	...	...	...	...	...	...
30	0	...	...	...	...	...	...	...	...	...	...	...	...
31	0	...	...	...	...	...	...	...	...	...	...	...	...
32	1	...	...	...	...	...	...	...	...	...	...	...	...
33	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	...	...	...	...	...	...	...	...	...	...	...	...
35	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	...	...	...	...	...	...	...	...	...	...	...
38	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...	...
40	...	...	...	...	...	...	...	...	...	...	...	...	...
41	...	...	...	...	...	...	...	...	...	...	...	...	...
n	448	149	108	61	177	209	59	106	520	285	242	466	619

Table III. (continued).

Wt. in Lbs.	H			K			L				M				
	July 1-15	Aug. 1-15	Aug. 16-31	July 1-15	July 16-31	Aug. 1-15	July 1-15	Aug. 1-15	Aug. 16-31	Sept. 1-15	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15
0	...	...	...	...	...	...	...	...	....	...	...	...	...	...	...
1	...	1	3	...	1	2	4	...	9	20	...	3	1	...	...
2	1	7	10	2	10	13	28	3	89	34	17	26	17	25	2
3	1	25	44	1	9	16	69	16	120	80	50	73	65	80	4
4	5	89	112	5	15	28	130	52	260	247	110	156	174	221	25
5	7	102	99	3	21	32	155	51	336	344	106	168	211	264	77
6	4	83	68	2	29	26	102	39	235	301	85	138	166	217	78
7	3	49	44	4	15	21	79	25	151	161	82	94	105	143	83
8	1	45	33	1	10	11	48	9	103	107	52	82	99	88	77
9	0	24	19	7	9	4	36	5	68	81	45	46	53	74	69
10	1	17	14	4	6	5	29	3	48	50	32	37	34	38	26
11	0	14	5	1	3	2	15	0	19	23	16	24	15	15	12
12	0	12	6	3	2	2	4	1	21	7	9	17	17	21	21
13	0	6	4	1	1	1	4	1	10	6	8	8	9	14	5
14	1	3	1	1	1	2	6	3	11	9	10	12	4	11	2
15	0	1	2	1	3	1	3	1	8	6	4	8	5	9	3
16	1	5	3	0	1	0	4	0	6	3	0	5	4	10	0
17	0	3	0	1	0	0	3	0	2	5	5	3	1	1	0
18	0	1	0	1	0	1	0	0	3	0	6	5	2	5	1
19	0	0	0	1	1	0	0	0	2	2	2	3	2	2	0
20	0	0	0	0	0	0	0	0	6	3	4	2	1	1	0
21	0	1	1	2	1	0	0	1	3	2	3	0	1	3	0
22	0	0	0	1	...	0	1	...	0	0	4	6	0	0	1
23	0	0	0	1	...	0	2	...	3	0	2	1	1	1	1
24	0	0	0	1	...	0	0	...	0	2	0	1	0	1	1
25	0	1	0	1	...	0	0	...	1	0	0	1	1	3	0
26	1	...	0	1	...	0	1	...	0	0	2	0	2	0	1
27	...	...	0	1	...	1	0	...	0	0	0	1	0	1	...
28	...	...	1	1	...	...	1	...	0	0	2	0	1	...	...
29	...	...	...	1	...	...	0	...	0	0	0	0	...	...	...
30	...	...	...	0	...	...	0	...	0	1	0	1	...	...	...
31	...	...	...	0	...	...	2	...	0	0	0	1	...	...	...
32	...	...	...	0	...	...	1	...	0	0	0	1	...	...	...
33	...	...	...	0	...	...	0	...	0	0	0	...	...	...	...
34	...	...	...	1	...	...	0	...	0	0	0	...	...	...	...
35	...	...	...	0	...	...	1	...	1	0	1	...	...	...	...
36	...	...	...	0	...	...	...	...	...	0	...	...	...	...	...
37	...	...	...	1	...	...	...	...	...	0	...	...	...	...	...
38	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
n	26	489	469	51	138	167	728	210	1,455	1,495	657	923	991	1,848	489

Table III. (continued).

Wt. in Lbs.	N					O				All Season
	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	
0	...	...	...	...	...	...	...	...	...	...
1	1	4	2	1	...	...	...	...	...	73
2	9	19	20	26	2	1	2	1	6	366
3	40	60	55	34	24	13	4	11	20	1,196
4	83	133	123	40	27	50	26	76	28	3,058
5	130	167	166	60	74	144	60	136	66	3,991
6	144	168	144	72	80	119	60	111	68	3,072
7	123	144	116	60	66	54	28	48	40	2,075
8	97	81	61	62	61	26	22	19	12	1,419
9	76	74	52	58	42	9	7	25	11	1,012
10	55	48	47	49	29	10	7	20	25	702
11	30	50	27	40	17	5	1	17	12	404
12	23	21	26	25	11	7	7	13	36	341
13	17	22	24	27	14	3	5	13	11	242
14	17	17	17	13	6	3	4	9	10	181
15	12	8	13	4	2	3	5	7	10	128
16	6	5	5	8	1	3	1	12	25	118
17	3	8	8	3	2	2	1	12	10	80
18	3	6	3	3	0	2	2	7	1	61
19	0	2	7	1	0	5	1	2	3	39
20	3	2	2	0	2	5	2	9	4	49
21	1	1	3	1	0	2	0	9	5	41
22	2	0	1	1	1	2	0	2	0	25
23	3	1	0	0	0	0	0	3	5	26
24	1	3	2	0	1	2	2	1	1	00
25	0	0	0	1	...	2	1	3	1	18
26	0	1	0	...	...	3	0	1	...	15
27	0	1	0	...	...	1	0	2	...	9
28	0	1	1	...	...	1	0	0	...	9
29	0	0	1	...	...	0	0	1	...	4
30	0	1	0	...	...	0	0	3	...	6
31	0	0	1	...	...	0	0	1	...	5
32	1	0	0	...	...	1	1	1	...	7
33	0	0	0	...	...	0	0	1	...	1
34	1	0	0	...	...	1	0	0	...	3
35	...	0	0	...	...	...	0	0	...	3
36	...	0	0	...	...	...	0	0	...	0
37	...	1	0	...	...	...	0	1	...	3
38	...	...	1	...	...	...	1	0	...	2
39	...	...	...	...	...	...	1	0	...	2
40	...	...	...	...	...	...	...	0	...	0
41	...	...	...	...	...	...	...	1	...	1
n	881	1,049	928	589	402	479	251	573	410	18,607

Table IV. Average size of whitefish, in pounds, from fish landed by the Great Slave Lake commercial fishery in 1956. The number of fish in each sample is shown in parentheses.

	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	All Season
A	2.4 (659)	2.3 (1,719)	2.4 (523)	...	...	...	2.3 (2,901)
B	...	2.9 (517)	2.7 (198)	...	2.4 (395)	...	2.7 (1,110)
C	...	2.6 (100)	...	...	...	...	2.6 (100)
D	2.1 (218)	...	...	...	...	...	2.1 (218)
E	1.8 (100)	2.2 (533)	2.5 (436)	2.3 (121)	2.3 (341)	...	2.3 (1,531)
F	...	2.3 (664)	2.4 (732)	2.3 (506)	1.9 (518)	...	2.2 (2,420)
G	...	...	2.1 (329)	2.2 (471)	2.3 (705)	...	2.2 (1,505)
H	...	...	...	2.2 (513)	2.2 (460)	...	2.2 (973)
K	...	2.8 (498)	2.7 (150)	2.5 (434)	2.4 (449)	...	2.6 (1,531)
L	...	2.0 (522)	...	2.8 (314)	2.9 (1,177)	2.5 (1,564)	2.6 (3,577)
M	...	2.8 (503)	2.8 (1,115)	3.0 (720)	3.1 (1,128)	2.9 (542)	3.0 (4,008)
N	...	3.9 (1,015)	3.8 (1,021)	3.7 (838)	3.5 (495)	...	3.7 (3,369)
O	...	4.0 (208)	3.9 (88)	4.3 (566)	4.0 (346)	...	4.1 (1,208)
Whole lake	2.3 (977)	2.7 (6,279)	2.9 (4,592)	3.0 (4,483)	2.7 (6,014)	2.6 (2,106)	2.8 (24,451)

Table V. Statistics of the size of whitefish in pounds.

Area		n	SX	SX^2
A	June 16-30	659	1,616.50	4,147.87
	July 1-15	1,719	3,933.25	9,757.18
	July 16-31	523	1,245.00	3,183.38
	Season	2,901	6,794.75	17,088.43
B	July 1-15	517	1,490.50	4,588.38
	July 16-31	198	526.25	1,487.93
	Aug. 16-31	395	955.00	2,530.38
	Season	1,110	2,971.75	8,606.69
C	July 1-15	100	264.00	735.63
	Season	100	264.00	735.63
D	June 16-30	218	465.75	1,057.56
	Season	218	465.75	1,057.56
E	June 16-30	100	175.75	323.06
	July 1-15	533	1,205.00	2,891.13
	July 16-31	436	1,107.25	3,067.94
	Aug. 1-15	121	277.25	668.69
	Aug. 16-31	341	771.25	1,925.18
	Season	1,531	3,536.50	8,876.00
F	July 1-15	664	1,509.00	3,784.12
	July 16-31	732	1,784.00	4,622.50
	Aug. 1-15	506	1,141.75	2,756.06
	Aug. 16-31	518	1,000.50	2,033.13
	Season	2,420	5,435.25	13,195.81
G	July 16-31	329	688.25	1,518.06
	Aug. 1-15	471	1,017.50	2,308.75
	Aug. 16-31	705	1,596.25	3,927.44
	Season	1,506	3,302.00	7,754.25
H	Aug. 1-15	513	1,140.75	2,727.44
	Aug. 16-31	460	1,031.75	2,492.06
	Season	973	2,172.50	5,219.50
K	July 1-15	498	1,372.50	4,009.00
	July 16-31	150	406.50	1,156.50
	Aug. 1-15	434	1,083.25	2,894.31
	Aug. 16-31	449	1,071.75	2,845.69
	Season	1,531	3,934.00	10,905.50
L	July 1-15	522	998.75	2,135.81
	Aug. 1-15	314	871.25	2,517.94
	Aug. 16-31	1,177	3,392.75	11,074.94
	Sept. 1-15	1,564	3,951.50	10,797.37
	Season	3,577	9,214.25	26,526.06
M	July 1-15	503	1,391.50	4,147.00
	July 16-31	1,115	3,151.25	9,717.81
	Aug. 1-15	720	2,166.25	7,280.44
	Aug. 16-31	1,128	3,554.00	12,748.00
	Sept. 1-15	542	1,573.25	5,216.31
	Season	4,008	11,836.25	39,109.56
N	July 1-15	1,015	3,949.00	16,783.63
	July 16-31	1,021	3,875.25	15,936.56
	Aug. 1-15	838	3,090.25	12,350.06
	Aug. 16-31	495	1,728.25	6,628.69
	Season	3,369	12,642.75	51,698.94
O	July 1-15	208	836.00	3,830.63
	July 16-31	88	340.00	1,416.63
	Aug. 1-15	566	2,445.25	11,564.31
	Aug. 16-31	346	1,380.00	6,218.62
	Season	1,208	5,001.25	23,030.19
Whole lake	Season	24,451	67,571.00	213,804.12

Table VI. Weights of whitefish in samples from the Great Slave Lake commercial fishery in 1956.

Wt.	A			B			C	D	E				
in Lbs.	June 16-30	July 1-15	July 16-31	July 1-15	July 16-31	Aug. 16-31	July 1-15	June 16-30	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	1	...	...	...	...	...	...	...
	...	2	...	...	...	0	...	...	...	...	...	...	...
1	2	25	4	...	...	4	...	3	2	5	2	1	1
	7	53	8	2	1	9	...	5	16	17	5	2	7
	15	143	35	6	4	29	1	33	15	27	16	4	21
	39	230	53	18	11	46	4	27	33	84	38	18	60
2	103	326	102	38	20	68	13	42	22	97	58	23	88
	158	269	97	54	38	62	17	49	6	96	84	29	78
	127	226	67	92	41	50	24	24	3	98	88	18	31
	90	165	57	88	27	31	13	17	2	43	48	11	18
3	53	107	38	62	15	36	10	11	1	31	30	4	5
	27	73	28	49	10	22	9	2	...	14	20	5	4
	19	49	12	39	12	6	4	3	...	8	14	4	8
	11	18	9	19	7	9	2	0	...	6	10	2	5
4	5	10	3	21	6	10	0	0	...	5	4	...	2
	1	8	4	6	1	5	0	1	...	1	4	...	2
	1	7	1	8	3	3	0	1	...	0	4	...	3
	0	1	1	3	0	1	1	...	...	1	4	...	3
5	0	3	3	2	2	2	2	...	...	...	3	...	2
	1	2	1	5	...	0	...	...	...	...	1	...	1
	...	0	...	1	...	0	...	...	...	...	0	...	1
	...	1	...	2	...	1	...	...	...	...	0	...	0
6	...	0	...	2	...	...	...	...	...	...	2	...	0
	...	0	...	...	...	...	...	...	...	...	0	...	0
	...	0	...	...	...	...	...	...	...	...	0	...	0
	...	0	...	...	...	...	...	...	...	...	0	...	1
7	...	0	...	...	...	...	...	...	...	...	0	...	...
	...	0	...	...	...	...	...	...	...	...	0	...	...
	...	0	...	...	...	...	...	...	...	...	0	...	...
	...	0	...	...	...	...	...	...	...	...	1	...	...
8	...	0	...	...	...	...	...	...	...	...	...	...	...
	...	0	...	...	...	...	...	...	...	...	...	...	...
	...	0	...	...	...	...	...	...	...	...	...	...	...
	...	1	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...
n	659	1,719	523	517	198	395	100	218	100	533	436	121	341

Table VI. (continued).

Wt. in Lbs.	F				G			H		K			
	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	July 16-31	Aug. 1-15	Aug. 16-31	Aug. 1-15	Aug. 16-31	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	3	...	...	...	...	...	...	1	1	...	...	...	3
1	14	...	2	11	1	1	3	8	11	...	...	1	2
	23	10	7	29	14	14	19	18	8	...	2	4	9
	56	29	32	60	41	41	60	45	33	5	1	17	26
	95	80	91	135	56	73	108	49	61	18	5	29	61
2	114	107	110	152	76	109	157	113	111	39	13	81	104
	104	137	95	79	55	94	125	107	80	74	17	82	64
	98	151	73	29	46	66	81	77	58	118	43	79	65
	63	78	34	12	22	42	60	51	40	89	19	49	41
3	40	59	21	4	9	21	31	16	15	51	16	30	14
	19	36	16	1	2	3	15	8	17	38	16	19	13
	6	15	9	2	3	4	11	5	12	19	4	15	10
	7	10	7	1	4	2	15	5	4	23	7	8	9
4	4	5	2	0	...	0	7	1	4	9	4	2	6
	4	4	1	1	...	0	4	2	1	6	1	12	5
	4	3	3	1	...	0	2	4	2	3	1	2	3
	5	4	1	0	...	0	2	0	0	3	1	2	4
5	1	3	1	1	...	0	2	1	1	2	...	1	5
	0	1	0	...	...	0	0	1	1	4	...	0	2
	1	...	0	...	...	1	0	0	...	0	...	1	2
	2	...	1	...	...	...	2	1	...	0	...	...	0
6	0	...	...	...	...	...	0	...	...	1	...	...	1
	0	...	...	...	...	...	1	...	...	1	...	...	...
	0	...	...	...	...	...	...	...	...	...	...	...	...
	0	...	...	...	...	...	...	...	...	...	...	...	...
7	0	...	...	...	...	...	...	...	...	...	...	...	...
	0	...	...	...	...	...	...	...	...	...	...	...	...
	0	...	...	...	...	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...
n	664	732	506	518	329	471	705	513	460	498	150	434	449

Table VI. (continued).

Wt. in Lbs.	L				M					O			
	July 1-15	July 16-31	Aug. 1-15	Sept. 1-15	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31
	...	...	...	...	...	...	...	...	...	...	...	...	...
	2	...	...	2	...	...	...	...	...	...	...	...	...
	7	...	1	4	...	...	...	...	...	...	...	...	...
1	17	...	8	10	...	2	1	...	...	...	...	...	...
	69	...	13	41	3	9	2	5	3	1	1	...	2
	97	2	46	69	4	18	11	7	9	2	3	...	2
	90	3	83	128	15	34	21	72	51	5	3	4	6
2	83	21	143	149	62	140	60	88	86	9	18	8	20
	65	44	170	313	99	165	113	122	72	26	29	31	26
	34	74	154	256	82	172	105	149	69	63	50	69	46
	19	60	95	182	67	145	90	43	37	69	87	81	56
3	10	46	57	148	41	116	72	114	39	107	93	103	54
	12	17	48	85	35	83	47	64	36	109	102	85	45
	5	23	76	56	27	65	49	70	16	103	127	81	58
	6	10	79	54	25	49	34	48	16	109	119	78	33
4	4	5	22	25	10	29	26	44	26	59	75	58	35
	0	4	57	18	14	24	20	39	12	67	68	55	24
	0	2	53	7	6	22	14	38	33	62	51	38	17
	0	1	12	7	8	12	13	26	6	41	43	35	19
5	0	2	42	3	1	10	10	21	10	37	38	32	14
	0	...	2	2	1	9	11	20	7	31	37	27	9
	0	...	4	0	0	4	4	9	1	29	15	11	3
	1	...	3	1	0	1	5	9	4	14	12	4	8
6	1	...	1	1	1	0	3	8	2	17	13	12	3
	...	...	2	3	0	1	2	5	2	8	12	5	3
	...	...	0	...	0	1	0	8	0	14	5	5	4
	...	...	1	...	1	0	2	5	1	13	2	3	3
7	...	...	2	...	1	1	0	1	1	5	3	6	1
	...	...	0	...	...	0	1	1	1	5	1	3	0
	...	...	0	...	...	0	0	5	1	0	6	0	2
	...	...	0	...	...	1	1	4	0	2	2	2	0
8	...	...	1	...	...	2	1	1	0	2	1	1	1
	...	...	1	...	...	...	1	1	1	1	1	0	1
	...	...	1	...	...	...	0	1	...	3	1	0	...
	...	...	...	...	...	...	0	...	...	1	2	0	...
9	...	...	...	...	...	...	0	...	...	0	1	0	...
	...	...	...	...	...	...	0	...	...	0	...	0	...
	...	...	...	...	...	...	0	...	...	1	...	1	...
	...	...	...	...	...	...	0	...	...	...	...	...	...
10	...	...	...	...	...	...	1	...	...	...	...	...	...
n	522	314	1,177	1,564	503	1,115	720	1,128	542	1,015	1,021	838	495

Table VI. (continued).

Wt. in Lbs.	0				All Season
	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	
	...	...	...	...	...
	...	...	...	...	5
	...	...	...	...	22
1	...	...	...	...	141
	...	...	...	...	438
	...	...	...	...	1,065
	...	...	...	1	2,038
2	...	3	...	0	3,176
	4	3	...	2	3,434
	3	5	7	28	3,229
	15	5	22	17	2,400
3	23	5	37	55	1,855
	24	13	39	51	1,361
	24	8	67	39	1,187
	22	8	69	23	982
4	23	5	64	15	635
	13	4	51	26	570
	10	8	53	18	491
	9	5	30	18	322
5	9	4	26	2	298
	9	4	18	7	214
	2	2	16	7	114
	1	3	14	3	93
6	0	1	13	6	88
	1	0	8	8	62
	0	0	3	10	50
	0	1	4	6	43
7	1	1	5	0	28
	1	...	5	1	19
	2	...	0	1	17
	1	...	1	1	17
8	1	...	2	0	13
	0	...	3	0	10
	0	...	0	1	7
	1	...	1	1	7
9	0	...	2	0	3
	0	...	0	1	1
	0	...	0	0	2
	0	...	0	0	0
10	2	...	2	0	5
10½	0	...	2	1	3
10½	1	...	0	0	1
12	0	...	0	1	1
12½	0	...	1	0	1
13½	0	...	0	1	1
15	1	...	1	...	2
n	208	83	566	346	24,451

Table VII. Estimated catch, in thousands of pounds, of fish taken by the Great Slave Lake commercial fishery in the summer of 1956.

	Trout	Whitefish	Combined
Estimated total catch in thousands of pounds	2,381	2,442	4,823
Percentage sold by fishermen who were interviewed	75.3	54.9	64.9
Percentage sold by other fishermen	23.9	43.9	34.1
Percentage wasted	.8	1.2	1.0

Table VIII. Estimated catches of trout, in thousands of pounds, taken by the Great Slave Lake commercial fishery during the summer of 1956. (A plus sign indicates that the production was less than 500 pounds.)

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Total
A	...	1	+	...	...	...	1
B	...	2	+	...	13	...	15
C	...	+	+	...	...	...	+
D	3	1	...	...	...	...	4
E	1	7	15	1	9	...	32
F	...	3	15	80	17	...	115
G	...	+	24	101	38	7	170
H	...	+	1	99	37	2	140
K	...	2	9	3	6	3	24
L	...	34	4	9	69	128	245
M	...	81	171	194	168	133	748
N	...	114	200	129	149	137	729
O	...	16	28	33	80	...	157
Whole lake	4	261	469	650	587	410	2,381

Table IX. Estimated catches of whitefish, in thousands of pounds, taken by the Great Slave Lake commercial fishery during the summer of 1956. (A plus sign indicates that the production was less than 500 pounds.)

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Total
A	...	136	32	...	...	...	168
B	...	210	91	...	37	...	338
C	...	18	10	...	...	...	28
D	5	3	...	...	...	...	9
E	1	31	99	5	22	...	159
F	...	67	129	104	75	...	374
G	...	5	10	73	50	3	140
H	...	1	5	98	27	1	131
K	...	65	169	66	35	9	343
L	...	44	9	25	67	112	256
M	...	44	99	77	59	26	306
N	...	37	55	42	25	5	165
O	...	3	11	7	5	...	26
Whole lake	6	664	719	495	401	156	2,442

Table X. Estimated catches of trout and whitefish combined, in thousands of pounds, taken by the Great Slave Lake commercial fishery during the summer of 1956. (A plus sign indicates that the production was less than 500 pounds.)

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Total
A	...	137	32	...	...	...	169
B	...	212	91	...	50	...	353
C	...	18	10	...	...	...	28
D	9	4	...	...	...	...	13
E	2	38	114	6	31	...	191
F	...	70	144	183	92	...	489
G	...	5	34	174	88	10	311
H	...	1	6	197	64	3	272
K	...	67	178	69	41	12	367
L	...	78	12	34	136	240	501
M	...	125	271	271	227	159	1,054
N	...	151	235	170	174	142	893
O	...	19	39	39	85	...	182
Whole lake	11	926	1,187	1,145	988	567	4,823

Table XI. Estimated catches of rough fish, in thousands of pounds, taken by the Great Slave Lake commercial fishery in the summer of 1956. (A plus sign indicates that the production was less than 500 pounds.)

Area	Inconnu	Cisco	Burbot	Pike	Sucker	Walleye	Others[a]	Total
A	18	15	103	1	161	+	...	298
B	5	4	65	2	20	1	+	97
C	+	2	9	+	3	...	...	13
D	+	1	2	1	+	...	...	4
E	65	41	74	35	36	+	+	252
F	7	146	70	31	20	1	+	274
G	44	181	73	12	7	+	+	317
H	16	73	164	5	4	1	+	263
K	11	22	147	9	3	2	+	193
L	3	4	17	13	1	+	+	38
M	5	8	8	7	1	+	1	29
N	+	8	2	1	+	...	1	12
O	+	+	+	+	+	...	+	1
Whole lake	174	504	734	116	257	5	2	1,791

Table XII. Estimated fishing effort, in net-nights, of the Great Slave Lake commercial fishery during the summer season of 1956.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Total
A	...	4,204	1,812	...	...	...	6,016
B	...	4,310	2,694	...	1,519	...	8,523
C	...	442	464	...	...	...	906
D	465	208	...	...	...	...	668
E	79	2,101	3,228	289	928	...	6,625
F	...	3,664	4,351	6,089	3,202	...	17,306
G	...	405	1,625	5,331	3,458	289	11,108
H	...	46	212	5,065	2,571	137	8,031
K	...	2,009	5,433	2,198	1,351	365	11,356
L	...	3,391	590	1,100	3,575	5,374	14,030
M	...	5,179	8,471	8,457	6,250	2,279	30,636
N	...	4,685	6,983	4,938	2,986	1,130	20,722
O	...	690	1,227	910	1,421	...	4,248
Whole lake	544	31,329	37,090	34,377	27,261	9,574	140,175

Table XIII. The fishing effort, in net-nights, of Great Slave Lake commercial fishermen who were interviewed during the summer season of 1956.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	Total
A	...	2,732	1,178	...	...	...	3,910
B	...	2,802	1,751	...	988	...	5,541
C	...	287	302	...	...	...	589
D	302	132	...	...	...	...	434
E	51	1,366	2,098	188	603	...	4,306
F	...	2,382	2,828	3,958	2,081	...	11,249
G	...	263	1,056	3,455	2,248	188	7,220
H	...	30	138	3,292	1,671	89	5,220
K	...	1,306	3,532	1,429	878	237	7,382
L	...	2,204	384	715	2,323	3,493	9,119
M	...	3,367	5,506	5,497	4,063	1,482	19,915
N	...	3,045	4,539	3,210	1,941	734	13,469
O	...	448	797	591	924	...	2,760
Whole lake	353	20,364	24,109	22,345	17,720	6,223	91,114

Table XIV. Availability of trout, in pounds per net-night, to fishermen during the summer season of 1956. Values in parentheses are for nets set for one night only. An asterisk indicates a value based on less than 200 net-nights.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	All Season
A	...	.3 (.3)	.1 (.1)	...	...	...	.3 (.3)
B	...	.5 (.4)	.1 (.2)	...	10* (33*)	...	2 (1)
C	...	.2 (.3*)	.2 (.3*)	...	...	...	.2 (.3)
D	8 (9)	6* (-)	...	...	...	...	7 (9)
E	15* (15*)	4 (4)	5 (5)	2* (2*)	12 (7)	...	6 (5)
F	...	1 (1)	4 (4)	15 (16)	6 (5)	...	8 (7)
G	...	1 (1)	17 (19)	22 (23)	13 (11)	29* (-)	18 (17)
H	...	9* (9*)	8* (8*)	23 (25)	17 (18)	19* (31*)	20 (22)
K	...	1 (2)	2 (1)	2 (2)	5 (13*)	10 (-)	3 (2)
L	...	12 (13)	8 (9)	10 (10)	23 (22)	28 (31)	20 (20)
M	...	18 (19)	24 (25)	27 (29)	32 (16)	68 (69)	29 (26)
N	...	29 (27)	33 (34)	30 (33)	58 (62)	142 (158)	41 (40)
O	...	26 (25)	27 (27)	42 (47)	66 (71)	...	43 (43)
Whole lake	9 (10)	10 (10)	15 (17)	22 (24)	25 (25)	50 (57)	20 (20)

Table XV. Availability of whitefish, in pounds per net-night, to fishermen during the summer season of 1956. Values in parentheses are for nets set for one night only. An asterisk indicates a value based on less than 200 net-nights.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	All Season
A	...	28 (27)	15 (19)	...	...	...	24 (25)
B	...	42 (43)	29 (28)	...	21 (20*)	...	34 (37)
C	...	35 (38*)	19 (28*)	...	...	...	26 (33)
D	10 (8)	13* (-)	...	...	...	...	11 (8)
E	10* (10*)	13 (13)	27 (27)	16* (16*)	20 (15)	...	21 (20)
F	...	16 (16)	26 (24)	15 (15)	20 (18)	...	19 (19)
G	...	11 (11)	5 (5)	12 (12)	12 (12)	8* (-)	11 (11)
H	...	15* (15*)	20* (20*)	17 (17)	9 (1)	7* (10*)	14 (13)
K	...	28 (26)	27 (29)	26 (19)	22 (17*)	22 (-)	26 (25)
L	....	11 (12)	13 (13)	19 (15)	16 (17)	18 (19)	16 (15)
M	...	7 (6)	10 (10)	8 (7)	8 (9)	10 (10)	9 (8)
N	...	7 (7)	7 (7)	7 (8)	7 (6)	4 (3)	7 (7)
O	...	4 (2)	7 (7)	6 (8)	3 (3)	...	5 (6)
Whole lake	10 (8)	18 (18)	17 (16)	12 (12)	13 (11)	14 (14)	15 (15)

Table XVI. Availability of trout and whitefish combined, in pounds per net-night, to fishermen during the summer season of 1956. Values in parentheses are for nets set for one night only. An asterisk indicates a value based on less than 200 net-nights.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15	All Season
A	...	28 (28)	15 (19)	...	...	...	24 (26)
B	...	42 (44)	29 (28)	...	31 (54*)	...	36 (38)
C	...	35 (38*)	19 (28*)	...	...	...	27 (34)
D	18 (17)	20* (-)	...	...	...	...	18 (17)
E	25* (25*)	17 (18)	32 (32)	18* (18*)	32 (22)	...	26 (25)
F	...	17 (17)	30 (28)	30 (31)	26 (23)	...	26 (26)
G	...	12 (12)	22 (25)	34 (35)	25 (24)	37* (-)	29 (28)
H	...	23* (24*)	28* (28*)	40 (42)	26 (19)	26* (41*)	35 (35)
K	...	29 (28)	29 (29)	28 (21)	27 (30*)	32 (-)	28 (27)
L	...	23 (25)	21 (22)	30 (26)	39 (39)	46 (50)	36 (36)
M	...	26 (25)	34 (36)	35 (36)	40 (25)	78 (79)	37 (35)
N	...	35 (35)	40 (41)	38 (40)	66 (68)	146 (161)	48 (47)
O	...	30 (27)	35 (34)	49 (55)	69 (74)	...	48 (49)
Whole lake	19 (18)	28 (28)	31 (33)	34 (35)	35 (36)	64 (71)	35 (34)

Table XVII. Availability of Great Slave Lake commercial fish for the summer fishery. Values in parentheses are for nets set for one night only.

Year	Trout	Whitefish	Trout and Whitefish Combined
1945	(62)	(34)	(96) [a]
1946	61 (52)	40 (37)	101 (89) [a]
1947	68 (49)	41 (38)	109 (87) [a]
1948	68 (52)	43 (41)	111 (93) [a]
1949	58 (46)	48 (50)	106 (96)
1950	41 (26)	47 (52)	88 (78)
1951	37 (29)	33 (32)	70 (61)
1952	43 (29)	27 (25)	70 (54)
1953	45 (34)	27 (33)	72 (67)
1954	22 (20)	27 (28)	49 (48)
1955	20 (18)	19 (19)	39 (37)
1956	20 (20)	15 (15)	35 (34)

[a] includes inconnu

Table XVIII. Range of depths in feet (upper and lower 20 per cent eliminated) at which nets were set in Great Slave Lake in 1956. The number of interviews is given in parentheses.

Area	June 16-30	July 1-15	July 16-31	Aug. 1-15	Aug. 16-31	Sept. 1-15
A	...	22 - 45 (96)	22 - 70 (42)	...	...	...
B	...	30 - 140 (82)	42 - 114 (44)	...	30 - 120 (18)	...
C	...	26 - 150 (2)	70 - 100 (7)	...	...	...
D	30 - 84 (11)	30 - 140 (8)	...	...	...	...
E	40 - 84 (2)	25 - 160 (37)	18 - 60 (52)	40 - 135 (6)	35 - 120 (17)	...
F	...	20 - 100 (66)	30 - 90 (76)	40 - 75 (108)	30 - 80 (51)	...
G	...	19 - 130 (6)	35 - 70 (37)	35 - 90 (120)	30 - 70 (77)	27 - 50 (4)
H	...	40 - 90 (1)	8 - 140 (3)	30 - 120 (82)	24 - 108 (49)	24 - 78 (5)
K	...	50 - 150 (38)	30 - 180 (81)	30 - 150 (32)	30 - 120 (19)	24 - 120 (6)
L	...	20 - 150 (82)	10 - 80 (12)	30 - 100 (21)	20 - 150 (70)	20 - 150 (98)
M	...	15 - 180 (113)	12 - 125 (190)	15 - 120 (180)	16 - 100 (134)	20 - 90 (58)
N	...	6 - 150 (84)	12 - 138 (134)	12 - 120 (85)	10 - 120 (58)	30 - 90 (21)
O	...	10 - 120 (7)	5 - 180 (18)	5 - 100 (13)	10 - 90 (15)	...

Table XIX. Statistics of the size, in pounds, of rough fish taken by the Great Slave Lake 1956 summer commercial fishery.

Area	n	ΣX	ΣX^2	$\bar{x}$		n	ΣX	ΣX^2	$\bar{x}$
					INCONNU				
A	15	133	1,343	8.87	H	123	886	7,714	6.96
B	62	540	6,402	8.71	K	54	484	5,354	8.96
E	4	68	3,362	17.00	L	21	163	1,753	7.76
F	25	256	3,382	10.24	M	33	211	1,623	6.39
G	90	709	6,827	7.88	N	4	13	77	3.25
A-G	196	1,706	20,316	8.70	O	1	3	9	3.00
					H-O	236	1,730	16,530	7.33
					A-O	432	3,436	36,846	7.95
					CISCO				
A	118	91.8	115.58	.78	H	133	162.5	240.57	1.22
B	39	54.3	97.59	1.39	K	135	183.6	325.16	1.36
E	14	12.5	15.13	.89	L	141	138.0	220.58	.98
F	87	76.0	87.16	.87	M	701	705.8	1,068.82	1.07
G	241	262.1	361.85	1.09	N	123	122.8	191.84	1.00
A-G	499	496.7	677.31	.99	O	33	37.4	80.46	1.13
					H-O	1,266	1,350.1	2,127.43	1.07
					A-O	1,765	1,846.8	2,804.74	1.05
					BURBOT				
E	9	59	563	6.56	L	28	166	1,070	5.93
F	18	90	484	5.00	M	9	46	244	5.11
A-G	27	149	1,047	5.52	N	2	13	89	6.50
					H-O	39	225	1,403	5.77
					A-O	66	374	2,450	5.67

Table XIX. (continued).

Area	n	ΣX	ΣX^2	$\bar{X}$	Area	n	ΣX	ΣX^2	$\bar{X}$
				PIKE					
A	19	201	2,667	10.58	H	26	233	2,375	8.96
B	14	107	863	7.64	K	9	60	564	6.67
E	15	176	2,510	11.73	L	92	662	6,022	7.19
F	76	546	5,416	7.18	M	112	770	6,482	6.86
G	38	299	2,929	7.87	N	1	9	81	9.00
A-G	162	1,329	14,385	8.20	O	2	12	74	6.00
					H-O	242	1,746	15,598	7.21
					A-O	404	3,075	29,983	7.61
				GRAYLING					
E	9	13.3	23.03	1.48	H	2	6.5	21.25	3.25
F	8	18.3	42.13	2.29	K	1	2.6	6.76	2.60
G	1	1.8	3.24	1.80	L	3	4.2	6.14	1.40
A-G	18	33.4	68.40	1.86	M	38	73.3	157.91	1.93
					N	9	23.0	60.04	2.55
					O	2	6.2	19.24	3.10
					H-O	55	115.8	271.34	2.10
					A-O	73	149.2	339.74	2.04
				NORTHERN SUCKER					
A	148	475.25	1,628.56	3.21	H	9	28.75	96.69	3.19
B	31	119.00	482.75	3.84	K	5	19.50	78.37	3.90
E	9	24.50	69.75	2.72	L	13	51.75	237.44	3.98
F	34	117.00	417.37	3.44	M	23	79.25	317.06	3.44
G	60	243.25	1,257.69	4.05	H-O	50	179.25	729.56	3.58
A-G	282	979.00	3,856.12	3.47	A-O	332	1,158.25	4,585.69	3.49

Table XIX. (continued).

Area	n	ΣX	ΣX^2	$\bar{x}$	Area	n	ΣX	ΣX^2	$\bar{x}$
				WALLEYE					
B	19	67.75	347.81	3.57	H	2	7.00	26.50	3.50
A-G	19	67.75	347.81	3.57	K	73	285.75	1,190.06	3.91
					H-O	75	292.75	1,216.56	3.90
					A-O	94	360.50	1,564.37	3.83
				GOLDEYE					
B	6	4.8	3,92	.80	K	1	.8	.64	.80
A-G	6	4.8	3.92	.80	N	3	5.4	10.22	1.80
					H-O	4	6.2	10.86	1.55
					A-O	10	11.0	14.78	1.10
				ROUND WHITEFISH					
F	3	4.7	8.65	1.57	M	57	170.9	535.43	3.00
A-G	3	4.7	8.65	1.57	N	21	61.6	190.00	2.93
					H-O	78	232.5	725.43	2.98
					A-O	81	237.2	734.08	2.93

Table XX. Weights of various species of rough fish in samples from the Great Slave Lake commercial fishery of 1956.

Wt. in Lbs.	A	B	E	F	G	A-G	H	K	L	M	N	O	H-O	A-O
						Inconnu								
0	..	..	..	..	..	..	..	..	1	1	1	..	3	3
1	..	..	..	..	..	..	..	..	0	3	0	..	3	3
2	..	..	..	..	..	..	..	..	0	0	1	..	1	1
3	1	2	..	..	2	5	7	1	0	0	1	1	10	15
4	1	9	..	2	7	19	14	4	4	3	0	..	25	44
5	0	2	1	2	13	18	31	6	0	3	0	..	40	58
6	1	16	0	4	17	38	22	8	3	6	0	..	39	77
7	2	8	0	1	11	22	13	6	6	5	0	..	30	52
8	0	4	2	3	12	21	12	6	1	6	1	..	26	47
9	5	3	0	2	5	15	6	5	1	2	..	..	14	29
10	2	3	0	2	8	15	6	1	2	2	..	..	11	26
11	1	2	0	1	7	11	2	7	1	1	..	..	11	22
12	0	1	0	1	2	4	3	1	0	0	..	..	4	8
13	1	3	0	2	1	7	1	0	0	1	..	..	2	9
14	0	0	0	0	0	0	0	2	1	..	..	..	3	3
15	0	0	0	1	2	3	1	2	0	..	..	..	3	6
16	0	1	0	2	0	3	1	1	0	..	..	..	2	5
17	1	3	0	0	1	5	0	1	0	..	..	..	1	6
18	..	1	0	0	0	1	1	0	0	..	..	..	1	2
19	..	2	0	0	0	2	1	0	0	..	..	..	1	3
20	..	1	0	0	0	1	0	1	0	..	..	..	1	2
21	..	0	0	0	0	0	0	2	0	..	..	..	2	2
22	..	0	0	1	0	1	0	..	0	..	..	..	0	1
23	..	0	0	0	1	1	0	..	0	..	..	..	0	1
24	..	0	0	0	0	0	1	..	0	..	..	..	1	1
25	..	0	0	0	0	0	0	..	1	..	..	..	1	1
26	..	0	0	0	1	1	0	..	..	..	..	..	0	1
27	..	0	0	1	..	1	0	..	..	..	..	..	0	1
28	..	0	0	..	..	0	1	..	..	..	..	..	1	1
31	..	1	0	..	..	1	..	..	..	..	..	..	..	1
47	..	..	1	..	..	1	..	..	..	..	..	..	..	1
	15	62	4	25	90	196	183	54	21	33	4	1	236	432

Table XX. Continued

Wt. in Lbs.	A	B	E	F	G	A-G	H	K	L	M	N	O	H-O	A-O
						Cisco								
0	..	..	..	4	..	4	..	..	..	1	..	..	1	5
.1	4	4	1	5	..	14	1	2	9	54	13	..	79	93
.2	10	2	1	2	7	22	2	9	8	46	6	1	72	94
.3	10	0	1	2	13	26	2	4	9	44	8	4	71	97
.4	20	0	0	5	15	40	3	1	9	68	10	8	99	139
.5	10	1	1	4	12	28	5	2	15	45	5	5	77	105
.6	10	0	1	5	14	30	7	3	8	32	4	3	57	87
.7	2	0	1	8	17	28	3	4	5	19	4	1	36	64
.8	7	0	1	5	11	24	7	7	8	29	5	0	56	80
.9	6	2	2	7	15	32	13	6	6	23	6	0	54	86
1.0	6	2	0	12	15	35	18	18	4	22	12	1	75	110
1.1	6	2	0	7	16	31	8	7	6	28	6	0	55	86
1.2	10	2	2	4	12	30	10	8	4	27	8	0	57	87
1.3	7	3	0	4	17	31	7	5	9	30	5	0	56	87
1.4	3	3	0	1	20	27	9	1	12	31	9	0	62	89
1.5	1	1	1	3	16	22	4	7	8	39	3	0	61	83
1.6	2	1	0	3	7	13	7	7	5	40	3	0	62	75
1.7	0	4	1	3	11	19	3	3	5	32	1	0	44	63
1.8	0	2	0	0	4	6	3	6	1	22	1	1	34	40
1.9	0	3	1	0	4	8	10	4	1	5	1	0	21	29
2.0	0	1	..	2	0	3	0	5	3	13	0	1	22	25
2.1	0	0	..	1	5	6	2	3	1	8	0	1	15	21
2.2	0	1	..	..	0	1	1	7	0	9	3	0	20	21
2.3	0	1	..	..	2	3	0	2	1	3	0	0	6	9
2.4	0	1	..	..	1	2	4	5	0	3	1	0	13	15
2.5	2	1	..	..	2	5	1	1	1	2	3	2	10	15
2.6	0	0	..	..	1	1	1	1	0	4	1	0	7	8
2.7	1	1	..	..	3	5	1	2	0	5	0	0	8	13
2.8	0	0	..	..	0	0	0	0	0	2	0	0	2	2
2.9	0	0	..	..	0	0	0	1	2	2	1	0	6	6
3.0	0	0	..	..	0	0	0	0	0	6	2	3	11	11
3.1	0	0	..	..	0	0	1	0	0	0	0	0	1	1
3.2	0	1	..	..	1	2	1	1	0	2	1	0	4	6
3.3	0	..	..	..	..	0	..	2	0	3	0	0	5	5
3.4	0	..	..	..	..	0	..	0	0	1	0	1	2	2
3.5	0	..	..	..	..	0	..	1	0	0	0	1	2	2
3.6	0	..	..	..	..	0	..	..	0	1	1		2	2
4.7	1	..	..	..	..	1	..	..	0		..		0	1
6.8	..	..	..	..	..	..	..	..	1		..		1	1
	118	39	14	87	241	499	133	135	141	701	123	33	1266	1765

Table XX. Continued

Wt. in Lbs.	E	F	A-G	L	M	N	H-O	A-O
				Burbot				
1	..	1	1	..	..	..	..	1
2	..	0	0	1	..	..	1	1
3	2	0	2	0	..	..	0	2
4	2	5	7	1	3	..	4	11
5	1	5	6	11	3	1	15	21
6	1	5	6	10	2	0	12	18
7	0	2	2	1	1	0	2	4
8	2	..	2	1	..	1	2	4
9	0	..	0	1	..	..	1	1
10	0	..	0	1	..	..	1	1
11	0	..	0	1	..	..	1	1
18	1	..	1		..	..	..	1
	9	18	27	28	9	2	39	66

Pike

Wt. in Lbs.	A	B	E	F	G	A-G	H	K	L	M	N	O	H-O	A-O
0	..	..	1	1	..	2	..	..	..	..	..	..	..	2
1	..	..	0	0	..	0	1	1	1	5	..	..	8	8
2	..	..	0	1	..	1	0	0	6	2	..	..	8	9
3	1	..	0	8	..	9	0	0	6	6	..	..	12	21
4	2	..	0	8	5	15	0	2	9	14	..	..	25	40
5	2	..	0	16	6	24	3	1	9	14	..	1	28	52
6	0	5	2	10	8	25	0	2	10	15	..	0	27	52
7	0	4	2	7	6	19	3	0	15	11	..	1	30	49
8	3	1	0	7	3	14	6	1	11	16	..	..	34	48
9	1	1	0	4	1	7	4	1	5	9	1	..	20	27
10	2	1	1	1	1	6	2	0	6	9	..	..	17	23
11	1	2	0	1	2	6	2	0	4	2	..	..	8	14
12	0	..	1	2	0	3	2	0	2	2	..	..	6	9
13	1	..	0	5	1	7	1	0	2	0	..	..	3	10
14	2	..	2	1	1	6	0	0	2	2	..	..	4	10
15	0	..	3	1	1	5	0	0	2	3	..	..	5	10
16	1	..	1	0	2	4	1	0	0	2	..	..	3	7
17	0	..	1	0	0	1	1	1	1	..	..	..	3	4
18	1	..	0	0	0	1	..	..	0	..	..	..	0	1
19	0	..	0	1	0	1	..	..	0	..	..	..	0	1
20	1	..	0	0	1	2	..	..	0	..	..	..	0	2
21	1	..	0	0	..	1	..	..	0	..	..	..	0	1
22	..	..	1	0	..	1	..	..	0	..	..	..	0	1
23	..	..	..	0	..	0	..	..	1	..	..	..	1	1
24	..	..	..	1	..	1	..	..	..	..	..	..	..	1
25	..	..	..	1	..	1	..	..	..	..	..	..	..	1
	19	14	15	76	38	162	26	9	92	112	1	2	242	404

Table XX. Continued

Grayling

Wt. in Lbs.	E	F	G	A-G	H	K	L	M	N	O	H-O	A-O
.6	1	..	..	1	..	..	..	..	..	..	..	1
.7	0	..	..	0	..	..	..	1	..	..	1	1
.8	1	..	..	1	..	..	..	0	..	..	0	1
.9	1	..	..	1	..	..	..	2	..	..	2	3
1.0	0	..	..	0	..	..	..	1	..	..	1	1
1.1	0	..	..	0	..	..	1	1	..	..	2	2
1.2	1	..	..	1	..	..	0	3	..	..	3	4
1.3	0	..	..	0	..	..	1	1	..	..	2	2
1.4	0	..	..	0	..	..	0	2	..	..	2	2
1.5	0	..	..	0	..	..	0	0	..	..	0	0
1.6	1	..	..	1	..	..	0	4	..	..	4	5
1.7	1	..	..	1	..	..	0	1	..	..	1	2
1.8	1	..	1	2	..	..	1	1	1	..	3	5
1.9	0	1	..	1	..	..	..	3	0	..	3	4
2.0	0	0	..	0	..	..	..	1	0	..	1	1
2.1	0	0	..	0	..	..	..	0	1	..	1	1
2.2	1	1	..	2	..	..	..	3	0	..	3	5
2.3	0	4	..	4	..	..	..	3	0	..	3	7
2.4	0	1	..	1	..	..	..	1	1	..	2	3
2.5	1	0	..	1	..	..	..	4	0	..	4	5
2.6	..	1	..	1	..	1	..	1	2	..	4	5
2.7	..	..	..	..	..	..	..	1	1	..	2	2
2.8	..	..	..	..	..	..	..	0	0	..	0	0
2.9	..	..	..	..	..	..	..	1	2	..	3	3
3.0	..	..	..	..	1	..	..	1	1	1	4	4
3.1	..	..	..	..	0	..	..	1	..	0	1	1
3.2	..	..	..	..	0	..	..	1	..	1	2	2
3.5	..	..	..	..	1	..	..	..	..	..	1	1
	9	8	1	18	2	1	3	38	9	2	55	73

Table XX. Continued

Northern sucker

Wt. in lbs.	A	B	E	F	G	A-G	H	K	L	M	H-O	A-O
4	2	..	..	..	..	2	..	..	..	1	1	3
5	1	..	..	..	1	2	..	..	..	1	1	3
6	0	..	1	..	0	1	..	..	2	1	3	4
7	3	..	0	..	0	3	..	..	0	0	0	3
8	5	..	1	..	1	7	..	..	1	1	2	9
9	13	1	0	2	2	18	1	..	0	2	3	21
10	16	0	1	4	5	26	2	..	0	0	2	28
11	7	1	1	2	5	16	1	..	0	0	1	17
12	19	3	2	3	8	35	1	1	1	5	8	43
13	22	5	3	4	9	43	0	0	0	1	1	44
14	17	4	..	2	5	28	1	1	1	1	4	32
15	11	8	..	5	5	29	1	1	1	1	4	33
16	16	0	..	10	3	29	1	0	1	1	3	32
17	6	3	..	1	3	13	0	1	0	2	3	16
18	3	1	..	0	2	6	1	0	0	3	4	10
19	1	1	..	0	1	3	..	0	0	0	0	3
20	3	1	..	1	2	7	..	1	3	0	4	11
21	1	1	..	..	0	2	..	..	1	1	2	4
22	2	1	..	..	0	3	..	..	0	1	1	4
23	..	0	..	..	0	0	..	..	0	0	0	0
24	..	0	..	..	1	1	..	..	1	0	1	2
25	..	0	..	..	0	0	..	..	1	0	1	1
26	..	0	..	..	0	0	..	..	..	0	0	0
27	..	0	..	..	0	0	..	..	..	1	1	1
28	..	1	..	..	1	2	..	..	..	..	..	2
29	..	..	..	..	0	0	..	..	..	..	..	0
30	..	..	..	..	1	1	..	..	..	..	..	1
36	..	..	..	..	1	1	..	..	..	..	..	1
40	..	..	..	..	2	2	..	..	..	..	..	2
41	..	..	..	..	0	0	..	..	..	..	..	0
42	..	..	..	..	1	1	..	..	..	..	..	1
45	..	..	..	..	1	1	..	..	..	..	..	1
	148	31	9	34	60	282	9	5	13	23	50	332

Table XX. Continued

Walleye

Wt. in ¼ lbs.	B	A-G	H	K	H-O	A-O
3	1	1	..	1	1	2
4	1	1	..	1	1	2
5	3	3	..	0	0	3
6	0	0	..	0	0	0
7	0	0	..	0	0	0
8	1	1	..	1	1	2
9	0	0	..	0	0	0
10	1	1	1	3	4	5
11	0	0	0	3	3	3
12	1	1	0	5	5	6
13	1	1	0	8	8	9
14	2	2	0	2	2	4
15	1	1	0	6	6	7
16	1	1	0	11	11	12
17	0	0	0	11	11	11
18	2	2	1	5	6	8
19	1	1	..	7	7	8
20	0	0	..	2	2	2
21	1	1	..	2	2	3
22	0	0	..	2	2	2
23	0	0	..	2	2	2
24	0	0	..	0	0	0
25	0	0	..	1	1	1
26	0	0	..	..	..	0
27	1	1	..	..	..	1
44	1	1	..	..	..	1
	19	19	2	73	75	94

Goldeye

Wt. in Lbs.	B	A-G	K	N	H-O	A-O
.7	3	3	..	..	..	3
.8	1	1	1	..	1	2
.9	1	1	..	..	0	1
1.0	1	1	..	..	0	1
1.1	..	..	..	..	0	0
1.2	..	..	..	..	0	0
1.3	..	..	..	1	1	1
1.4	..	..	..	0	0	0
1.5	..	..	..	0	0	0
1.6	..	..	..	0	0	0
1.7	..	..	..	0	0	0
1.8	..	..	..	1	1	1
1.9	..	..	..	0	0	0
2.0	..	..	..	0	0	0
2.1	..	..	..	0	0	0
2.2	..	..	..	0	0	0
2.3	..	..	..	1	1	1
	6	6	1	3	4	10

Table XX. Continued

Round whitefish

Wt. in Lbs.	F	A-G	M	U	H-O	A-O
.8	1	1	..	..	..	1
.9	0	0	..	..	..	0
1.0	0	0	1	..	1	1
1.1	0	0	0	..	0	0
1.2	0	0	0	..	0	0
1.3	0	0	0	..	0	0
1.4	0	0	0	..	0	0
1.5	1	1	0	..	0	1
1.6	0	0	0	..	0	0
1.7	0	0	1	1	2	2
1.8	0	0	1	1	2	2
1.9	0	0	1	0	1	1
2.0	0	0	2	0	2	2
2.1	0	0	0	0	0	0
2.2	0	0	3	1	4	4
2.3	0	0	0	1	1	1
2.4	1	1	1	0	1	2
2.5	..	..	4	1	5	5
2.6	..	..	3	1	4	4
2.7	..	..	0	2	2	2
2.8	..	..	2	3	5	5
2.9	..	..	4	2	6	6
3.0	..	..	2	0	2	2
3.1	..	..	3	2	5	5
3.2	..	..	5	0	5	5
3.3	..	..	7	0	7	7
3.4	..	..	3	0	3	3
3.5	..	..	3	1	4	4
3.6	..	..	4	3	7	7
3.7	..	..	2	0	2	2
3.8	..	..	2	0	2	2
3.9	..	..	1	1	2	2
4.0	..	..	1	0	1	1
4.1	..	..	1	0	1	1
4.5	..	..	..	1	1	1
	3	3	57	21	78	81

Table XXI. The weight frequency of various species of rough fish at known ages in representative samples from the Great Slave Lake commercial fishery during the summer season of 1956.

Inconnu

Wt. in Lbs.	AGE 5+	6+	7+	8+	9+	10+	11+	12+	13+	14+	15+	16+
0	1	..	2	..	..	..	..	..	..	..	..	..
1	1	..	1	..	..	..	..	..	..	..	..	..
2	0	..	0	..	..	..	..	..	..	..	..	..
3	1	3	6	2	..	..	..	..	..	..	..	..
4	1	2	27	9	1	..	..	..	..	..	..	..
5	..	7	35	14	1	..	..	..	..	..	..	..
6	..	3	22	19	4	1	..	..	..	..	..	..
7	..	2	22	22	3	2	..	..	..	..	..	..
8	..	1	5	34	4	1	1	..	..	..	..	..
9	..	..	2	17	9	1	0	..	..	..	..	..
10	..	..	2	8	14	2	0	..	..	..	..	..
11	..	..	..	8	8	4	0	1	..	..	..	..
12	..	..	..	2	4	1	1	0	..	..	..	..
13	..	..	..	1	2	2	2	1	..	..	..	..
14	..	..	..	0	2	1	2	0	..	..	..	..
15	..	..	..	1	4	1	1	0	..	..	..	..
16	..	..	..	..	1	1	0	2	..	..	..	..
17	..	..	..	..	1	1	3	1	..	..	..	..
18	..	..	..	..	0	..	2	0	..	..	..	..
19	..	..	..	..	0	..	1	1	1	..	..	..
20	..	..	..	..	1	..	1	0	0	..	..	..
21	..	..	..	..	..	..	1	1	0	..	..	..
22	..	..	..	..	..	..	1	0	0	..	..	..
23	..	..	..	..	..	..	1	0	0	..	..	..
24	..	..	..	..	..	..	0	1	0	..	..	..
25	..	..	..	..	..	..	1	..	0	..	..	..
26	..	..	..	..	..	..	1	..	0	..	..	..
27	..	..	..	..	..	..	0	..	1	..	..	..
30	..	..	..	..	..	..	0	..	..	1	..	..
31	..	..	..	..	..	..	1	..	..	..	..	..
44	..	..	..	..	..	..	..	..	..	..	1	..
48	..	..	..	..	..	..	..	..	..	..	..	1

Table XXI. Continued

Northern Pike							
Wt. in Lbs.	AGE						
	5+	6+	7+	8+	9+	10+	11+
0	1	..	1	..	..	..	..
1	..	2	6	..	..	..	..
2	..	..	3	4	..	..	..
3	..	..	6	2	..	..	..
4	..	..	8	15	..	..	..
5	..	..	9	22	3	3	..
6	..	..	9	24	5	1	..
7	..	..	2	33	2	0	..
8	..	..	4	28	7	1	..
9	..	..	0	17	5	1	..
10	..	..	1	6	7	5	..
11	..	..	2	5	4	2	..
12	..	..	1	4	1	1	1
13	..	..	0	2	4	1	0
14	..	..	1	5	1	0	0
15	..	..	..	5	3	1	1
16	..	..	..	2	3	1	..
17	..	..	..	1	1	2	..
22	..	..	..	..	..	1	..
23	..	..	..	..	..	1	..
24	..	..	1	..	..	..	..
25	..	..	..	1	..	..	..

Table XXI. Continued

Wt. in 1/10 Lbs.	Grayling AGE 6+	7+	8+	9+
.6	1	..	..	..
.7	..	1	..	..
.8	..	1	..	..
.9	..	3	..	..
1.0	..	1	..	..
1.1	..	1	1	..
1.2	..	2	2	..
1.3	..	2	1	..
1.4	..	2	0	..
1.5	..	0	0	..
1.6	..	0	5	..
1.7	..	0	2	..
1.8	..	0	6	..
1.9	..	1	2	..
2.0	..	0	1	..
2.1	..	0	1	..
2.2	..	1	4	1
2.3	..	1	7	0
2.4	..	0	3	0
2.5	..	2	4	0
2.6	..	0	5	0
2.7	..	0	3	0
2.8	..	0	0	0
2.9	..	0	2	1
3.0	..	1	2	..
3.1	..	..	1	..
3.2	..	..	2	..
3.3	..	..	0	..
3.4	..	..	0	..
3.5	..	..	1	..

Table XXI. Continued

Northern sucker					
Wt. in ½ Lbs.	AGE				
	7+	8+	9+	10+	11+
1	2	..	..	..	..
½	2	1	..	..	..
½	2	1	..	..	..
½	2	1	..	..	..
2	3	4	1	..	..
½	3	13	4	1	..
½	2	21	2	2	..
½	2	11	5	0	..
3	3	23	15	3	..
½	7	21	13	2	..
½	5	17	9	1	..
½	0	16	9	5	..
4	0	15	12	5	..
½	0	4	8	2	2
½	0	4	4	3	0
½	0	3	0	0	1
5	1	5	2	1	0
½	..	1	2	0	1
½	..	2	1	1	..
½	..	0	0	0	..
6	..	1	0	1	..
½	..	..	1	0	..
½	..	..	0	0	..
½	..	..	1	0	..
7	..	..	1	0	..
½	..	..	..	0	..
½	..	..	..	1	..

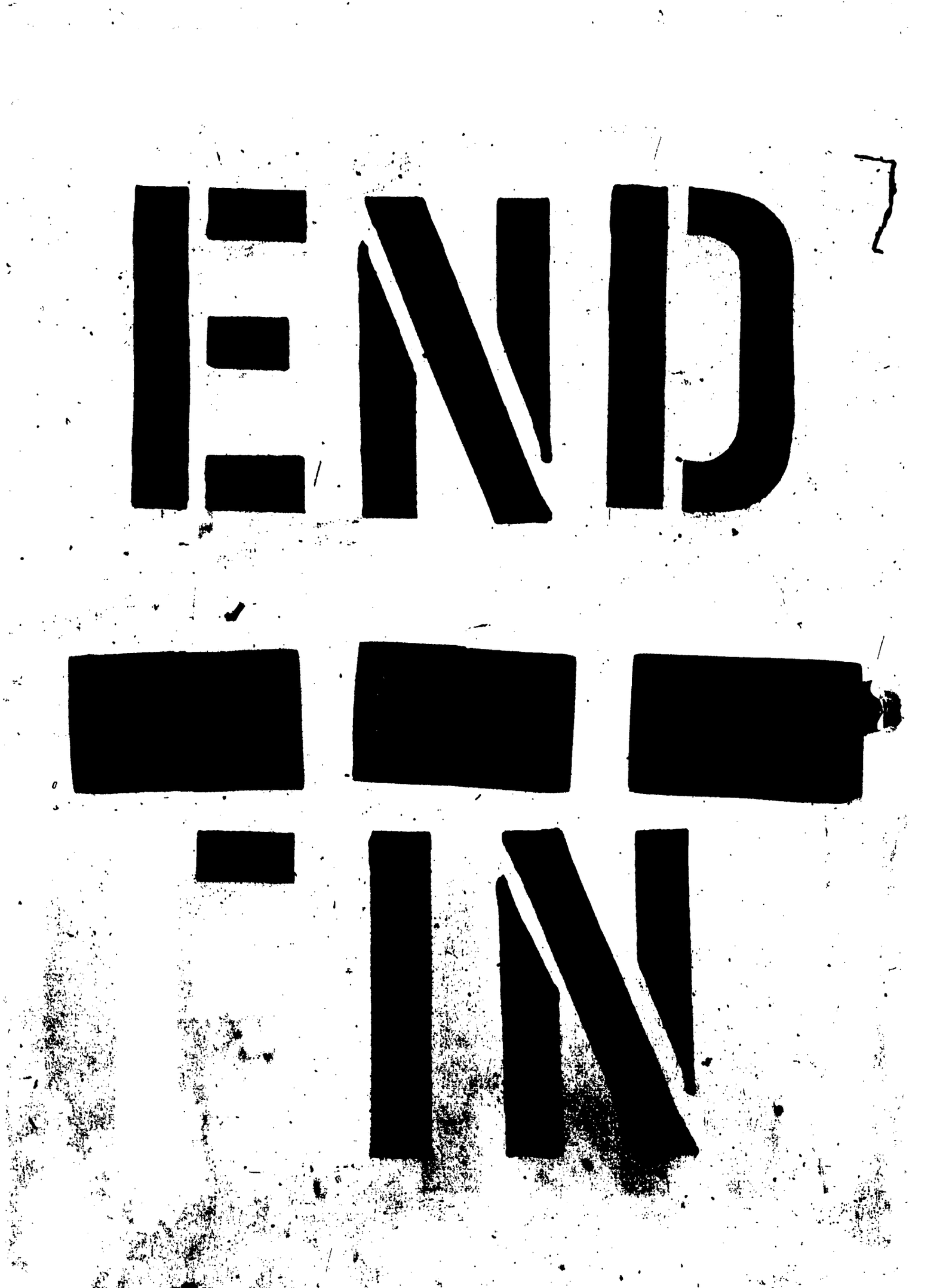
Table XXI. Continued

Wt. in Lbs. \ AGE	6+	7+	8+	9+	10+	11+
Walleye						
¾	1	1	1	..	..	..
1	..	2	0	..	..	..
1¼	..	3	1	..	..	..
1½	..	0	0	..	..	..
1¾	..	0	0	..	..	..
2	..	0	2	1	..	..
2¼	..	0	1	0	..	..
2½	..	2	5	1	..	..
2¾	..	2	2	0	..	..
3	..	3	4	0	..	..
3¼	..	4	8	0	..	
3½	..	4	1	1	..	1
3¾	..	4	3	0	..	0
4	..	8	8	1	..	0
4¼	..	2	11	1	1	0
4½	..	2	6	0	1	0
4¾	..	3	8	3	0	0
5	..	0	8	1	0	0
5¼	..	1	5	1	2	0
5½	..	1	3	2	0	0
5¾	..	0	4	0	0	0
6	..	1	4	0	0	
6¼	..	0	2	0	0	
6½	..	1	0	3	0	0
6¾	..	0	3	0	0	0
7	..	0	1	1	0	0
7¼	..	0	0	1	0	0
7½	..	0	0	0	1	0
7¾	..	0	1	0	0	0
8	..	0	0	1	1	0
8¼	..	0	1	0	..	0
8½	..	1	0	0	..	0
8¾	..	0	0	0	..	0
9	..	0	1	0	..	0
9½	..	0	0	0	..	0
10	..	0	1	1	..	0
11	..	1	..	0	..	0
11½	..	0	..	2	..	0
12	..	1	..	0	..	0
12½	..	..	..	0	..	1
13¼	..	..	..	2	..	1
14	..	..	..	1	..	0
17½	..	..	..	1	..	0
18	..	..	..	1	..	0
20	..	..	..	..	..	1

Table XXI. Continued

Goldeye			
Wt. in 1/10 Lbs.	AGE 7+	8+	9+
0.7	1	2	..
0.8	..	2	..
0.9	..	..	1
1.0	..	..	1

Round whitefish				
Wt. in 1/10 Lbs.	6	7	8	9
.8	1	..	..	..
.9	..	..	..	..
1.0	..	1	..	..
1.5	..	0	1	..
1.6	..	0	0	..
1.7	..	0	2	..
1.8	..	2	0	..
1.9	..	0	1	..
2.0	..	1	1	..
2.1	..	0	0	..
2.2	..	3	1	..
2.3	..	0	1	..
2.4	..	0	2	..
2.5	..	1	4	..
2.6	..	0	4	..
2.7	..	0	2	..
2.8	..	4	1	..
2.9	..	0	6	..
3.0	..	1	1	..
3.1	..	0	5	..
3.2	..	0	4	1
3.3	..	0	5	2
3.4	..	0	3	0
3.5	..	0	3	1
3.6	..	2	5	0
3.7	..	..	1	0
3.8	..	..	2	0
3.9	..	..	1	1
4.0	..	..	..	1
4.1	..	..	..	1
4.5	..	..	..	1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