

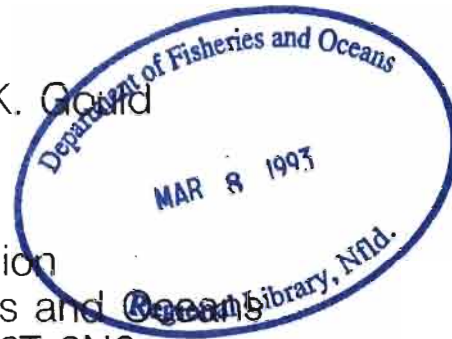


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Data on Amphidromous and Freshwater Fish from Central Victoria Island and Freshwater Systems Draining into Melville Sound and Elu Inlet, N.W.T., Canada

E.C. Gyselman and L.K. Gould

Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6



1992

Canadian Data Report of
Fisheries and Aquatic Sciences
887



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Fisheries and Aquatic Science 887

1992

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VICTORIA ISLAND AND FRESHWATER SYSTEMS DRAINING INTO
MELVILLE SOUND AND ELU INLET, N.W.T., CANADA

by

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ABSTRACT

Gyselman, E.C. and L.K. Gould. 1992. Data on amphidromous and freshwater fish from Central Victoria Island and freshwater systems draining into Melville Sound and Elu Inlet, N.W.T., Canada. Can. Data Rep. Fish. Aquat. Sci. 887: vi + 102 p.

Freshwater and amphidromous fish from selected lakes and rivers in central Victoria Island and draining into Melville Sound and Elu Inlet were sampled over a number of years in the 1970's and 1980's. The length, weight and age data for these surveys are presented in this report.

Key Words: Arctic charr; *Salvelinus alpinus*; lake trout; *Salvelinus namaycush*; Arctic cisco; *Coregonus autumnalis*; least cisco; *Coregonus sardinella*; lake whitefish; *Coregonus clupeaformis*; Victoria Island; Bathurst Inlet.

RÉSUMÉ

Gyselman, E.C. and L.K. Gould. 1992. Data on amphidromous and freshwater fish from Central Victoria Island and freshwater systems draining into Melville Sound and Elu Inlet, N.W.T., Canada. Can. Data Rep. Fish. Aquat. Sci. 887: vi + 102 p.

Des poissons d'eau douce et amphidromes de différents lacs et rivières de la partie centrale de l'île Victoria et de lacs et rivières se déversant dans le détroit de Melville et Elu Inlet ont été échantillonnés pendant un certain nombre d'années au cours des années 70 et 80. Les données relatives à la longueur, au poids et à l'âge des poissons sont présentées dans le présent rapport.

Mots-Clés: omble chevalier; *Salvelinus alpinus*; touladi; *Salvelinus namaycush*; cisco arctique; *Coregonus autumnalis*; cisco sardinelle; *Coregonus sardinella*; grand corégone; *Coregonus clupeaformis*; île Victoria; Bathurst Inlet.

INTRODUCTION

The Department of Fisheries and Oceans initiated a long term study on Arctic charr at Nauyuk Lake in 1974. Until this study, little was known about the population dynamics, energetics and migration patterns of charr in the central Canadian arctic in spite of its importance as both a subsistence and commercial species. In this area of the arctic, charr occur in two forms: the anadromous - more correctly termed "amphidromous" (Craig 1989) - form which migrates to sea each summer and a nonmigratory or lacustrine form that spends its entire life cycle in freshwater. The nonmigratory form is found not only in lakes that do not have a direct connection to the sea but also in lakes that may have a coexisting amphidromous form. The population dynamics and genetics of these coexisting forms is complex and although a preliminary study has been completed (Blouw 1977) much work remains to be done.

The main emphasis of the Nauyuk Lake study was on the amphidromous form of Arctic charr. Johnson (1989) presents an overview of the study and the data are presented in Gyselman and Broughton (1991). However, during the course of the Nauyuk Lake study, many lake and river systems were sampled on an opportunistic basis to determine their species composition and the characteristics of the population structure. As well, specific lakes (Keyhole, Little Nauyuk and Gavia) were sampled extensively as part of a study on the thermodynamic characteristics of charr in small arctic lakes. These data have been used extensively in other publications (Johnson 1976, 1977, 1980, 1981, 1983, 1985, 1988, 1989, 1990, 1991, 1992, Vanreil 1989, Heineremann et al. 1990). Several other publications incorporating these data are in press or have been submitted to journals for review. Further data on Keyhole lake are also presented in Hunter (1970).

The objective of this report is to present the data in a standardized and uniform manner for all of the species from all of the lake and river systems sampled during the Nauyuk study with the exception of Nauyuk Lake itself which are presented in Gyselman and Broughton (1991).

MATERIALS AND METHODS

The lakes in figure 3 and Keyhole Lake (Fig. 2) were systematically sampled over a number of years as part of an ongoing thermodynamics study. The remainder of the lakes in figure 2 were sampled during two helicopter surveys in 1975 and 1976. The standard sampling gear used was fine meshed survey type gillnets. Each net was 120 m long and 1.8 m deep with six 20 m panels of different mesh sizes. Two types of nets were used. The '10-25' had panels with 10, 12, 16, 19, 22 and 25 mm bar mesh and the '10-60' had panels

with 10, 19, 32, 45, 57 and 60 mm bar mesh. One 10-60 and one 10-25 were usually set together to form a standard 'unit' of effort. Other types of gear were also used but on a very limited basis. For example, electrofishing was used in some of the lakes to capture small fish that were under-represented in the gillnet catches and trapnets and hoopnets were used to capture fish for tagging. All of the data have been pooled in this report.

Standard measurements were made on the captured fish. Fork length was measured to the nearest millimetre, weight was measured to the nearest gram and the sagittal otoliths were removed for aging. Aging was done following the procedure developed by Grainger (1953). The condition factor used here was Fulton's condition factor (Ricker 1975).

The data from all of the lakes are presented by length interval. Where the fish were aged, the data are also presented by age cohort. The lakes are arranged in alphabetic order within each drainage basin.

ACKNOWLEDGEMENTS

The authors wish to thank all of the technicians and summers students who participated in the Nauyuk Lake study. Only through their hard work was the project a success. The authors would also like to thank Dr. Lionel Johnson who initiated and ran the Nauyuk Lake program. His scientific guidance and friendship are appreciated.

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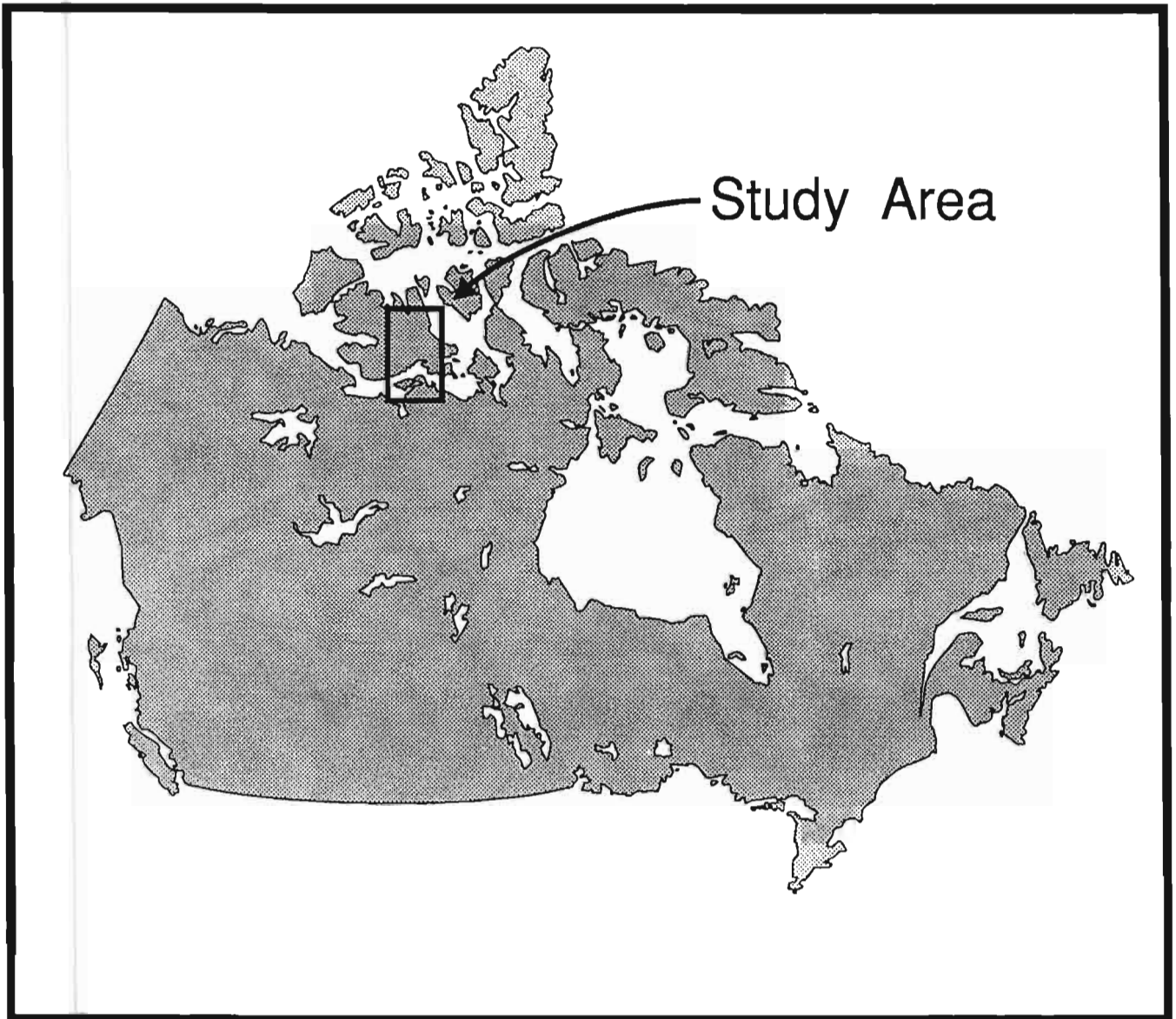


Figure 1. The study area.

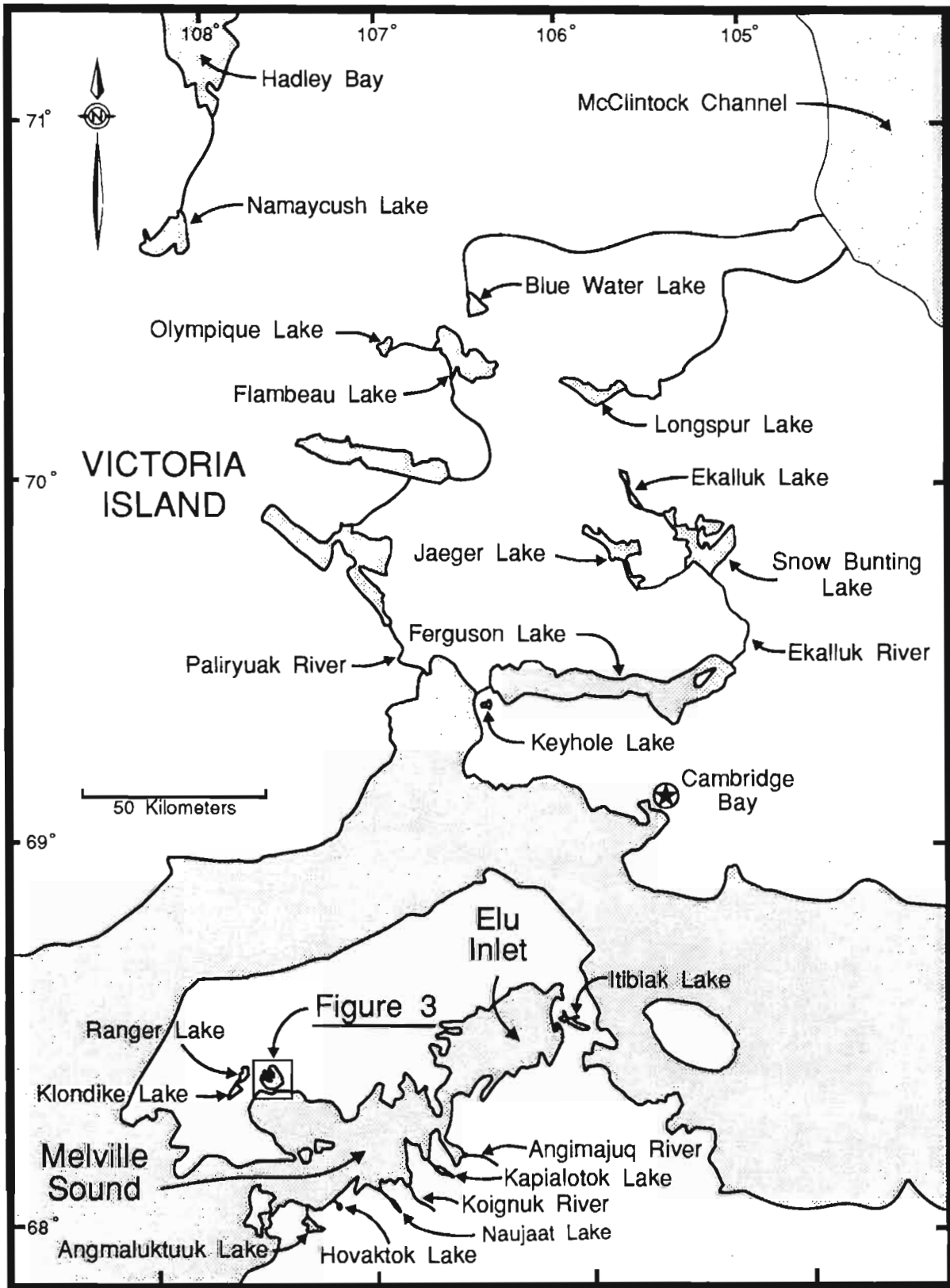


Figure 2. The study lakes and rivers.

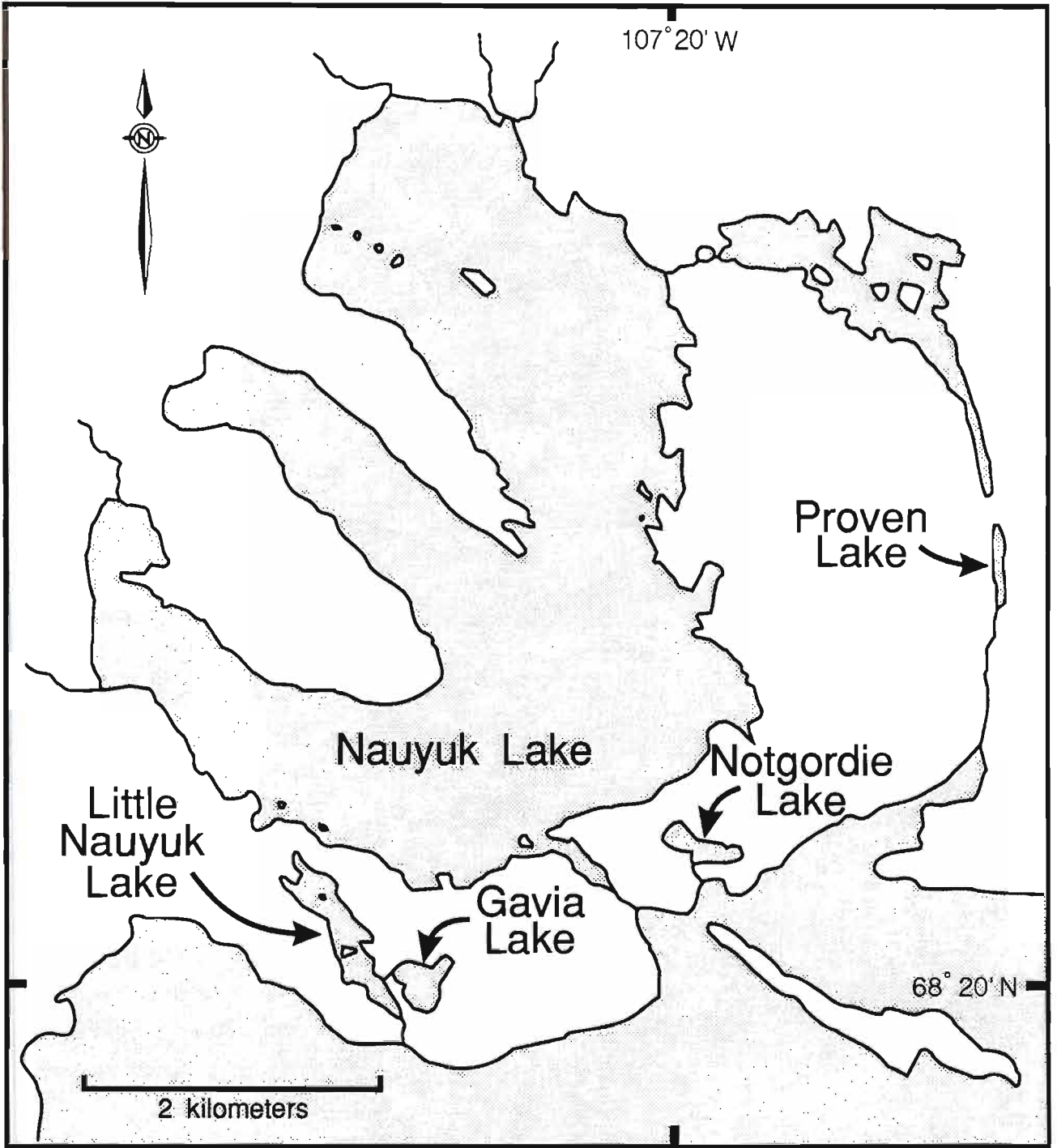


Figure 3. Study lakes around Nauyuk Lake.

Table 1. Latitude and longitude of the study lakes and rivers.

Drainage Basin	Lake/River	Latitude	Longitude
Ekalluk River	Ekalluk Lake ¹	69° 56' N	105° 07' W
	Ferguson Lake	69° 25' N	105° 15' W
	Jaeger Lake	69° 47' N	105° 15' W
	Snow Bunting Lake ¹	69° 46' N	104° 32' W
Elu Inlet /Melville Sound	Angimajuq River	68° 11' N	106° 20' W
	Angmaluktuuk Lake ¹	68° 01' N	107° 27' W
	Gavia Lake ¹	68° 21' N	107° 44' W
	Hovaktok Lake ¹	68° 03' N	107° 13' W
	Itibiak Lake	68° 32' N	105° 36' W
	Kapialotok Lake ¹	68° 09' N	106° 32' W
	Klondike Lake ¹	68° 21' N	107° 58' W
	Koignuk River	68° 06' N	106° 42' W
	Little Nauyuk Lake ¹	68° 21' N	107° 45' W
	Naujaat Lake ¹	68° 03' N	106° 53' W
	Notgordie Lake ¹	68° 21' N	107° 40' W
	Proven Lake ¹	68° 22' N	107° 35' W
	Ranger Lake ¹	68° 23' N	107° 55' W
Hadley Bay	Namaycush Lake ¹	70° 48' N	108° 15' W
McClintock Channel	Blue Water Lake ¹	70° 24' N	106° 20' W
	Longspur Lake ¹	70° 11' N	105° 23' W
Paliryuak River	Flambeau Lake ¹	70° 18' N	106° 25' W
	Olympique Lake ¹	70° 18' N	107° 02' W
Wellington Bay	Keyhole Lake ¹	69° 22' N	106° 14' W

¹ Unofficial or local name - not approved by Canadian Permanent Committee on Geographic Names

Table 2. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Ekalluk Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED									
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)					
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE		
170	.	.	.	.	.	.	.	1	14.3	179	.	45	.	0.78	1	8.3	179	.	45	.	0.78	
200	2	50.0	206	.	68	.	8	0.77	1	14.3	206	.	60	.	0.69	3	25.0	206	.	65	5	0.74
210	.	.	.	.	.	.	.	.	1	14.3	219	.	100	.	0.95	1	8.3	219	.	100	.	0.95
220	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	8.3	227	.	100	.	0.85
260	.	.	.	.	.	.	.	.	1	14.3	268	.	190	.	0.99	1	8.3	268	.	190	.	0.99
480	1	25.0	489	.	1500	.	1.28	.	1	14.3	482	.	1160	.	1.04	2	16.7	486	3.5	1330	170	1.16
490	1	25.0	498	.	1275	.	1.03	.	.	.	.	.	.	.	1	8.3	498	.	1275	.	1.03	
540	.	.	.	.	.	.	.	.	1	14.3	541	.	1450	.	0.92	1	8.3	541	.	1450	.	0.92
550	.	.	.	.	.	.	.	.	1	14.3	551	.	1300	.	0.78	1	8.3	551	.	1300	.	0.78
TOTAL/MEAN	4	100.0	350	83.0	728	384	0.96		7	100.0	349	63.3	615	246	0.88	12	100.0	339	44.8	610	187	0.90

Table 3. Length and weight data, by age, for Arctic charr caught in Ekalluk Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED									
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)					
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE		
4	1	25.0	203	.	60	.	0.72	.	.	.	.	.	.	.	1	8.3	203	.	60	.	0.72
5	.	.	.	.	.	.	.	1	14.3	219	.	100	.	0.95	1	8.3	219	.	100	.	0.95
6	1	25.0	209	.	75	.	0.82	3	42.9	218	26.3	98	46	0.82	4	33.3	216	18.8	93	33	0.82	
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	8.3	227	.	100	.	0.85
12	1	25.0	489	.	1500	.	1.28	1	14.3	482	.	1160	.	1.04	2	16.7	486	3.5	1330	170	1.16	
14	1	25.0	498	.	1275	.	1.03	.	.	.	.	.	.	.	1	8.3	498	.	1275	.	1.03
15	.	.	.	.	.	.	.	1	14.3	551	.	1300	.	0.78	1	8.3	551	.	1300	.	0.78
18	.	.	.	.	.	.	.	1	14.3	541	.	1450	.	0.92	1	8.3	541	.	1450	.	0.92
TOTAL/MEAN	4	100.0	350	83.0	728	384	0.96		7	100.0	349	63.3	615	246	0.88	12	100.0	339	44.8	610	187	0.90

Table 4. Length and weight data, by 10mm fork length intervals, for lake trout caught in Ekalluk Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
230	.	.	.	.	.	.	.	1	16.7	236	.	125	.	0.95	1	7.7	236	.	125	.	0.95
420	1	14.3	421	.	900	.	1.21	.	.	.	.	.	.	.	1	7.7	421	.	900	.	1.21
450	1	14.3	456	.	1350	.	1.42	.	.	.	.	.	.	.	1	7.7	456	.	1350	.	1.42
480	.	.	.	.	.	.	.	1	16.7	487	.	1500	.	1.30	1	7.7	487	.	1500	.	1.30
490	.	.	.	.	.	.	.	1	16.7	499	.	1700	.	1.37	1	7.7	499	.	1700	.	1.37
500	.	.	.	.	.	.	.	2	33.3	508	.	1650	50	1.26	2	15.4	508	50	1650	50	1.26
510	1	14.3	514	.	1850	.	1.36	1	16.7	510	.	1450	.	1.09	2	15.4	512	.	1650	200	1.23
520	1	14.3	528	.	1900	.	1.29	.	.	.	.	.	.	.	1	7.7	528	.	1900	.	1.29
530	1	14.3	535	.	1650	.	1.08	.	.	.	.	.	.	.	1	7.7	535	.	1650	.	1.08
620	2	28.6	625	.	2800	350	1.15	.	.	.	.	.	.	.	2	15.4	625	350	2800	350	1.15
TOTAL/MEAN	7	100.0	529		1893	277	1.24	6	100.0	458		1346	248	1.21	13	100.0	496		1640	197	1.22

∞

Table 5. Length and weight data, by age, for lake trout caught in Ekalluk Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
7	.	.	.	.	.	.	.	1	16.7	236	.	125	.	0.95	1	7.7	236	.	125	.	0.95
12	1	14.3	421	.	900	.	1.21	.	.	.	.	.	.	.	1	7.7	421	.	900	.	1.21
16	1	14.3	456	.	1350	.	1.42	.	.	.	.	.	.	.	1	7.7	456	.	1350	.	1.42
17	2	28.6	521	7.0	1875	25	1.33	.	.	.	.	.	.	.	2	15.4	521	7.0	1875	25	1.33
18	.	.	.	.	.	.	.	1	16.7	487	.	1500	.	1.30	1	7.7	487	.	1500	.	1.30
22	.	.	.	.	.	.	.	1	16.7	506	.	1700	.	1.31	1	7.7	506	.	1700	.	1.31
23	1	14.3	535	.	1650	.	1.08	.	.	.	.	.	.	.	1	7.7	535	.	1650	.	1.08
27	.	.	.	.	.	.	.	2	33.3	510	0.5	1525	75	1.15	2	15.4	510	0.5	1525	75	1.15
29	.	.	.	.	.	.	.	1	16.7	499	.	1700	.	1.37	1	7.7	499	.	1700	.	1.37
38	1	14.3	628	.	3150	.	1.27	.	.	.	.	.	.	.	1	7.7	628	.	3150	.	1.27
43	1	14.3	621	.	2450	.	1.02	.	.	.	.	.	.	.	1	7.7	621	.	2450	.	1.02
TOTAL/MEAN	7	100.0	529	29.1	1893	277	1.24	6	100.0	458	44.5	1346	248	1.21	13	100.0	496	26.7	1640	197	1.22

Table 6. Length and weight data, by 10mm fork length intervals, for lake trout caught in Ferguson Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
140	1	7.1	143	25	.	0.85	
300	1	8.3	305	300	.	1.06	1	7.1	305	300	.	1.06
400	1	8.3	407	775	.	1.15	1	7.1	407	775	.	1.15
420	1	8.3	425	925	.	1.20	1	7.1	425	925	.	1.20
440	1	100.0	447	925	.	1.04	.	.	.	.	.	.	.	.	.	.	.	.
480	1	8.3	487	1375	.	1.19	1	7.1	487	1375	.	1.19
490	1	8.3	495	1325	.	1.09	1	7.1	495	1325	.	1.09
500	3	25.0	502	1267	134	1.00	3	21.4	502	1267	134	1.00
510	2	16.7	514	1513	38	1.12	2	14.3	514	1513	38	1.12
540	1	8.3	542	1675	.	1.05	1	7.1	542	1675	.	1.05
760	1	8.3	761	5000	.	1.13	1	7.1	761	5000	.	1.13
TOTAL/MEAN	1	100.0	447	925	.	1.04	12	100.0	496	1517	336	1.09	14	100.0	468	1368	307	1.07

Table 7. Length and weight data, by age, for lake trout caught in Ferguson Lake, 1976.

AGE (years +)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
12	1	10.0	305	300	.	1.06	1	9.1	305	300	.	1.06
14	1	10.0	407	775	.	1.15	1	9.1	407	775	.	1.15
17	1	100.0	447	925	.	1.04	1	10.0	425	925	.	1.20	2	18.2	436	11.0 925	0	1.12
24	1	10.0	487	1375	.	1.19	1	9.1	487	1375	.	1.19
25	1	10.0	516	1550	.	1.13	1	9.1	516	1550	.	1.13
29	1	10.0	495	1325	.	1.09	1	9.1	495	1325	.	1.09
35	1	10.0	502	1000	.	0.79	1	9.1	502	1000	.	0.79
36	1	10.0	511	1475	.	1.11	1	9.1	511	1475	.	1.11
41	1	10.0	761	5000	.	1.13	1	9.1	761	5000	.	1.13
42	1	10.0	542	1675	.	1.05	1	9.1	542	1675	.	1.05
TOTAL/MEAN	1	100.0	447	925	.	1.04	10	100.0	495	36.9 1540	406	1.09	11	100.0	491	33.7 1484	372	1.09

Table 8. Length and weight data, by 10mm fork length intervals, for lake trout caught in Jaeger Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED						
			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K	
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		
90	1	2.9	93	.	.	.
100	1	2.9	106	.	.	.
160	1	2.9	166	50	.	1.09
170	1	2.9	171	50	.	1.00
190	1	2.9	191	80	.	1.15
200	1	8.3	202	85	.	1.03	2	5.9	205	90	5	1.04
210	1	2.9	215	95	.	0.96
220	3	8.8	222	100	3	0.91
230	1	8.3	236	145	.	1.10	2	22.2	232	113	13	0.90	4	11.8	234	129	11	1.00	
240	.	.	.	.	.	.	1	11.1	247	150	.	1.00	1	2.9	247	150	.	1.00
250	1	8.3	252	150	.	0.94	1	11.1	257	190	.	1.12	3	8.8	253	163	13	1.00	
260	1	8.3	261	155	.	0.87	2	22.2	262	178	18	0.99	4	11.8	263	178	12	0.98	
300	.	.	.	.	.	.	1	11.1	304	285	.	1.01	1	2.9	304	285	.	1.01
340	.	.	.	.	.	.	1	11.1	347	425	.	1.02	1	2.9	347	425	.	1.02
420	1	8.3	422	800	.	1.06	.	.	.	.	.	.	1	2.9	422	800	.	1.06
440	1	8.3	445	950	.	1.08	.	.	.	.	.	.	1	2.9	445	950	.	1.08
450	2	16.7	451	1025	25	1.12	.	.	.	.	.	.	2	5.9	451	1025	25	1.12
480	1	8.3	485	1500	.	1.31	1	11.1	484	1450	.	1.28	2	5.9	485	1475	25	1.30	
490	2	16.7	494	1413	13	1.17	.	.	.	.	.	.	2	5.9	494	1413	13	1.17
610	1	8.3	612	3150	.	1.37	.	.	.	.	.	.	1	2.9	612	3150	.	1.37
TOTAL/MEAN	12	100.0	400	984	250	1.11	9	100.0	292	342	142	1.02	34	100.0	294	502	121	1.05	

Table 9. Length and weight data, by age, for lake trout caught in Jaeger Lake, 1976.

AGE (years +)	FEMALES							MALES						COMBINED							
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
6	.	.	.	.	.	.	.	1	11.1	232	.	125	.	1.00	1	4.8	232	.	125	.	1.00
8	2	16.7	232	29.5	120	35	0.95	2	22.2	240	7.5	125	25	0.90	4	19.0	236	12.6	123	18	0.92
9	1	8.3	236	.	145	.	1.10	2	22.2	260	2.5	175	15	1.00	3	14.3	252	8.0	165	13	1.04
10	1	8.3	252	.	150	.	0.94	2	22.2	283	21.0	240	45	1.05	3	14.3	273	15.9	210	40	1.01
12	.	.	.	.	.	.	.	1	11.1	347	.	425	.	1.02	1	4.8	347	.	425	.	1.02
13	3	25.0	439	8.6	933	73	1.10	.	.	.	.	.	.	.	3	14.3	439	8.6	933	73	1.10
14	1	8.3	452	.	1000	.	1.08	.	.	.	.	.	.	.	1	4.8	452	.	1000	.	1.08
15	.	.	.	.	.	.	.	1	11.1	484	.	1450	.	1.28	1	4.8	484	.	1450	.	1.28
16	1	8.3	494	.	1425	.	1.18	.	.	.	.	.	.	.	1	4.8	494	.	1425	.	1.18
17	2	16.7	490	4.5	1450	50	1.24	.	.	.	.	.	.	.	2	9.5	490	4.5	1450	50	1.24
27	1	8.3	612	.	3150	.	1.37	.	.	.	.	.	.	.	1	4.8	612	.	3150	.	1.37
TOTAL/MEAN	12	100.0	400	37.4	984	250	1.11	9	100.0	292	26.9	342	142	1.02	21	100.0	354	26.6	709	168	1.07

Table 10. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Snow Bunting Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED								
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K				
			MEAN	SE				MEAN	SE				MEAN	SE					
250	.	.	.	.	.	1	50.0	255	.	150	.	0.90	1	33.3	255	.	150	.	0.90
260	.	.	.	.	.	1	50.0	264	.	200	.	1.09	1	33.3	264	.	200	.	1.09
680	1	100.0	686	.	3250	.	1.01	.	.	.	.	.	1	33.3	686	.	3250	.	1.01
TOTAL/MEAN	1	100.0	686	.	3250	.	1.01	2	100.0	260	175	25	1.00	3	100.0	402	1200	1025	1.00

Table 11. Length and weight data, by age, for Arctic charr caught in Snow Bunting Lake, 1976.

AGE (years +)	FEMALES					MALES					COMBINED										
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K						
			MEAN	SE				MEAN	SE				MEAN	SE		MEAN	SE				
4	.	.	.	.	.	1	50.0	264	.	200	.	1.09	1	33.3	264	.	200	.	1.09
6	.	.	.	.	.	1	50.0	255	.	150	.	0.90	1	33.3	255	.	150	.	0.90
15	1	100.0	686	.	3250	.	1.01	.	.	.	.	.	1	33.3	686	.	3250	.	1.01
TOTAL/MEAN	1	100.0	686	.	3250	.	1.01	2	100.0	260	4.5	175	25	1.00	3	100.0	402	142	1200	1025	1.00

Table 12. Length and weight data, by 10mm fork length intervals, for lake trout caught in Snow Bunting Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
240	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	16.7	246	.	150	.	1.01
260	.	.	.	.	.	.	.	1	25.0	262	.	175	.	0.97	1	16.7	262	.	175	.	0.97
300	.	.	.	.	.	.	.	1	25.0	306	.	300	.	1.05	1	16.7	306	.	300	.	1.05
440	1	100.0	445	.	1175	.	1.33	.	.	.	.	.	.	.	1	16.7	445	.	1175	.	1.33
500	.	.	.	.	.	.	.	1	25.0	500	.	1500	.	1.20	1	16.7	500	.	1500	.	1.20
720	.	.	.	.	.	.	.	1	25.0	723	.	4850	.	1.28	1	16.7	723	.	4850	.	1.28
TOTAL/MEAN	1	100.0	445	.	1175	.	1.33	4	100.0	448	1706	1090	1.13	6	100.0	414	1358	735	1.14		

Table 13. Length and weight data, by age, for lake trout caught by in Snow Bunting Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	20.0	246	.	150	.	1.01
8	.	.	.	.	.	.	.	1	33.3	306	.	300	.	1.05	1	20.0	306	.	300	.	1.05
22	1	100.0	445	.	1175	.	1.33	.	.	.	.	.	.	.	1	20.0	445	.	1175	.	1.33
34	.	.	.	.	.	.	.	1	33.3	723	.	4850	.	1.28	1	20.0	723	.	4850	.	1.28
42	.	.	.	.	.	.	.	1	33.3	500	.	1500	.	1.20	1	20.0	500	.	1500	.	1.20
TOTAL/MEAN	1	100.0	445	.	1175	.	1.33	3	100.0	510	120	2217	1361	1.18	5	100.0	444	83.4	1595	853	1.17

Table 14. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Angimajuq Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED						
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT	
			(mm)	MEAN	SE				(mm)	MEAN	SE				(mm)	MEAN	SE
180	1	100.0	185	63	.	1.00
TOTAL/MEAN	1	100.0	185	63	.	1.00

Table 15. Length and weight data, by age, for Arctic charr caught in Angimajuq Lake, 1975.

AGE (years +)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		
			(mm)	MEAN	SE				(mm)	MEAN	SE				(mm)	MEAN	SE	
3	1	100.0	185	.	63	.	1.00
TOTAL/MEAN	1	100.0	185	.	63	.	1.00

Table 16. Length and weight data, by 10mm fork length intervals, for lake trout caught in Angmaluktuuk Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH	WEIGHT	K				LENGTH	WEIGHT	K				LENGTH	WEIGHT	K	
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE	
110	.	.	.	.	.	.	.	.	.	.	.	.	1	5.0	111	10	.	0.73
120	1	16.7	121	17	.	0.96	.	.	.	.	.	.	1	5.0	121	17	.	0.96
250	.	.	.	.	.	.	1	7.7	253	157	.	0.97	1	5.0	253	157	.	0.97
360	1	16.7	369	580	.	1.15	.	.	.	.	.	.	1	5.0	369	580	.	1.15
430	.	.	.	.	.	.	2	15.4	436	945	35	1.14	2	10.0	436	945	35	1.14
470	.	.	.	.	.	.	1	7.7	471	1060	.	1.01	1	5.0	471	1060	.	1.01
500	.	.	.	.	.	.	1	7.7	502	1290	.	1.02	1	5.0	502	1290	.	1.02
510	.	.	.	.	.	.	2	15.4	513	1738	193	1.29	2	10.0	513	1738	193	1.29
520	.	.	.	.	.	.	1	7.7	529	1840	.	1.24	1	5.0	529	1840	.	1.24
530	1	16.7	535	1770	.	1.16	.	.	.	.	.	.	1	5.0	535	1770	.	1.16
540	1	16.7	541	1780	.	1.12	.	.	.	.	.	.	1	5.0	541	1780	.	1.12
580	.	.	.	.	.	.	1	7.7	583	1980	.	1.00	1	5.0	583	1980	.	1.00
610	1	16.7	619	2175	.	0.92	1	7.7	617	2200	.	0.94	2	10.0	618	2188	13	0.93
630	.	.	.	.	.	.	1	7.7	631	2165	.	0.86	1	5.0	631	2165	.	0.86
640	1	16.7	649	2330	.	0.85	.	.	.	.	.	.	1	5.0	649	2330	.	0.85
650	.	.	.	.	.	.	1	7.7	651	2460	.	0.89	1	5.0	651	2460	.	0.89
810	.	.	.	.	.	.	1	7.7	813	6200	.	1.15	1	5.0	813	6200	.	1.15
TOTAL/MEAN	6	100.0	472	1442	380	1.03	13	100.0	534	1901	401	1.07	20	100.0	495	1669	295	1.04

Table 17. Length and weight data, by age, for lake trout caught in Angmaluktuuk Lake, 1976.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
4	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5.0	111	.	10	.	0.73	
5	1	16.7	121	.	17	.	0.96	.	.	.	.	.	.	1	5.0	121	.	17	.	0.96	
11	.	.	.	.	.	.	.	1	7.7	253	.	157	.	0.97	1	5.0	253	.	157	.	0.97
12	1	16.7	369	.	580	.	1.15	.	.	.	.	.	.	1	5.0	369	.	580	.	1.15	
14	.	.	.	.	.	.	.	1	7.7	438	.	980	.	1.17	1	5.0	438	.	980	.	1.17
16	.	.	.	.	.	.	.	1	7.7	471	.	1060	.	1.01	1	5.0	471	.	1060	.	1.01
17	.	.	.	.	.	.	.	1	7.7	433	.	910	.	1.12	1	5.0	433	.	910	.	1.12
22	.	.	.	.	.	.	.	1	7.7	502	.	1290	.	1.02	1	5.0	502	.	1290	.	1.02
23	.	.	.	.	.	.	.	1	7.7	617	.	2200	.	0.94	1	5.0	617	.	2200	.	0.94
24	.	.	.	.	.	.	.	1	7.7	583	.	1980	.	1.00	1	5.0	583	.	1980	.	1.00
29	.	.	.	.	.	.	.	1	7.7	514	.	1930	.	1.42	1	5.0	514	.	1930	.	1.42
30	.	.	.	.	.	.	.	1	7.7	651	.	2460	.	0.89	1	5.0	651	.	2460	.	0.89
34	1	16.7	649	.	2330	.	0.85	1	7.7	511	.	1545	.	1.16	2	10.0	580	69.0	1938	393	1.01
36	.	.	.	.	.	.	.	1	7.7	813	.	6200	.	1.15	1	5.0	813	.	6200	.	1.15
38	1	16.7	541	.	1780	.	1.12	1	7.7	529	.	1840	.	1.24	2	10.0	535	6.0	1810	30	1.18
39	1	16.7	535	.	1770	.	1.16	.	.	.	.	.	.	1	5.0	535	.	1770	.	1.16	
47	.	.	.	.	.	.	.	1	7.7	631	.	2165	.	0.86	1	5.0	631	.	2165	.	0.86
48	1	16.7	619	.	2175	.	0.92	.	.	.	.	.	.	1	5.0	619	.	2175	.	0.92	
TOTAL/MEAN	6	100.0	472	80.7	1442	380	1.03	13	100.0	534	37.1	1901	401	1.07	20	100.0	495	39.1	1669	295	1.04

Table 18. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED								
	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K				
			(mm)	(g)				(mm)	(g)				(mm)	(g)					
			MEAN	MEAN	SE			MEAN	MEAN	SE			MEAN	MEAN	SE				
40	.	.	.	.	.	.	.	.	.	.	7	1.3	44	.	.			
50	.	.	.	.	.	.	.	.	.	.	4	0.8	52	2	1.27			
60	.	.	.	.	.	.	.	.	.	.	6	1.2	76	5	1.10			
70	.	.	.	.	.	.	.	.	.	.	1	0.2	88	.	.			
80	.	.	.	.	.	.	.	.	.	.	26	5.0	96	9	0.96			
90	.	.	.	.	.	1	0.8	96	7	0.79	53	10.2	105	9	0.84			
100	3	1.8	104	10	1	0.82	4	3.3	104	8	0.80	35	6.7	114	14	0.89			
110	4	2.5	115	14	0	0.89	2	1.7	113	.	.	41	7.9	124	17	0.87			
120	3	1.8	124	17	2	0.84	3	2.5	123	17	2	0.93	38	7.3	134	21	0.83		
130	5	3.1	135	20	4	0.80	3	2.5	135	22	.	0.82	46	8.9	144	24	1	0.82	
140	9	5.5	146	26	2	0.85	11	9.1	145	.	.	.	48	9.2	154	34	4	0.87	
150	16	9.8	155	28	1	0.74	17	14.0	154	40	7	1.00	31	6.0	165	37	2	0.82	
160	14	8.6	164	40	3	0.85	13	10.7	164	37	3	0.83	34	6.6	175	57	5	1.07	
170	18	11.0	175	.	.	.	14	11.6	175	57	5	1.07	42	8.1	185	59	3	0.93	
180	22	13.5	185	59	3	0.94	18	14.9	184	56	.	0.91	35	6.7	194	64	1	0.89	
190	21	12.9	194	63	1	0.87	14	11.6	194	66	.	0.96	21	4.0	205	75	.	0.83	
200	14	8.6	205	75	.	0.83	7	5.8	205	.	.	.	11	2.1	215	66	.	0.65	
210	4	2.5	216	.	.	.	6	5.0	215	66	.	0.65	14	2.7	224	86	6	0.76	
220	10	6.1	224	88	11	0.79	2	1.7	225	83	.	0.71	6	1.2	233	.	.	.	
230	4	2.5	233	.	.	.	2	1.7	234	.	.	.	5	1.0	243	115	1	0.77	
240	4	2.5	244	115	1	0.77	1	0.8	243	.	.	.	6	1.2	254	125	4	0.75	
250	6	3.7	254	125	4	0.75	.	.	.	.	.	.	2	0.4	265	145	3	0.78
260	1	0.6	261	147	.	0.83	1	0.8	268	142	.	0.74	1	0.2	288	214	.	0.90	
280	1	0.6	288	214	.	0.90	.	.	.	.	.	.	2	0.4	306	204	43	0.72
300	1	0.6	302	247	.	0.90	1	0.8	309	161	.	0.55	1	0.2	315	247	.	0.79	
310	1	0.6	315	247	.	0.79	.	.	.	.	.	.	1	0.2	355	343	.	0.77
350	.	.	.	.	.	.	1	0.8	355	343	.	0.77	1	0.2	379	298	.	0.55
370	1	0.6	379	298	.	0.55	.	.	.	.	.	.	1	0.2	423	716	.	0.95
420	1	0.6	423	716	.	0.95
TOTAL/MEAN	163	100.0	188	94	19	0.83	121	100.0	175	62	16	0.86	519	100.0	154	73	12	0.86	

Table 19. Length and weight data, by age, for Arctic charr caught in Gavia Lake, 1975.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2.6	52	2.0	2	.	1.27
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1.3	77	.	5	.	1.10
2	2	4.8	108	5.0	12	2	0.94	1	4.5	100	.	8	.	0.80	5	6.6	104	2.4	10	1	0.89
3	1	2.4	107	.	9	.	0.73	3	13.6	115	9.5	13	3	0.80	7	9.2	111	4.7	12	1	0.84
4	7	16.7	132	5.6	20	2	0.84	3	13.6	127	18.0	21	8	0.92	11	14.5	131	5.5	20	2	0.87
5	4	9.5	156	8.6	31	6	0.78	4	18.2	161	9.0	36	7	0.84	11	14.5	158	4.6	33	3	0.80
6	2	4.8	162	23.0	39	15	0.87	3	13.6	165	3.7	45	2	1.01	5	6.6	164	7.6	43	5	0.96
7	3	7.1	186	4.0	60	6	0.94	2	9.1	182	8.0	65	2	1.08	5	6.6	184	3.5	62	3	0.99
8	4	9.5	223	15.6	96	19	0.84	1	4.5	179	.	60	.	1.05	5	6.6	214	14.9	88	16	0.88
9	4	9.5	227	14.7	94	15	0.79	.	.	.	.	.	.	.	4	5.3	227	14.7	94	15	0.79
10	2	4.8	220	31.0	93	32	0.84	2	9.1	222	5.5	75	9	0.68	4	5.3	221	12.9	84	14	0.76
11	3	7.1	230	36.1	124	62	0.87	.	.	.	.	.	.	.	3	3.9	230	36.1	124	62	0.87
12	2	4.8	254	3.0	121	11	0.73	1	4.5	355	.	343	.	0.77	3	3.9	288	33.7	195	74	0.74
13	2	4.8	227	32.5	100	35	0.83	1	4.5	309	.	161	.	0.55	3	3.9	254	33.3	120	29	0.74
14	4	9.5	304	47.9	311	140	0.91	.	.	.	.	.	.	.	4	5.3	304	47.9	311	140	0.91
15	1	2.4	245	.	114	.	0.78	1	4.5	268	.	142	.	0.74	2	2.6	257	11.5	128	14	0.76
16	1	2.4	379	.	298	.	0.55	.	.	.	.	.	.	.	1	1.3	379	.	298	.	0.55
TOTAL/MEAN	42	100.0	202	11.1	94	19	0.83	22	100.0	176	14.1	62	16	0.86	76	100.0	180	8.3	74	12	0.86

Table 20. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH		WEIGHT		K		LENGTH		WEIGHT		K		LENGTH		WEIGHT		K	
	N	%	(mm) MEAN	(g) MEAN			SE	N	%	(mm) MEAN			(g) MEAN	SE	N	%			(mm) MEAN	(g) MEAN	SE
20	2	0.8	25	.	.	.
30	1	0.4	33	.	.	.
40	3	1.2	47	1	0	1.00
50	24	9.9	55	2	0	1.20
60	25	10.3	63	3	0	1.03
70	7	2.9	74	4	0	1.04
80	3	1.2	85	7	0	1.13
90	6	2.5	96	9	1	0.98
100	1	12.5	106	10	0.84	.	13	5.4	106	11	0	0.95
110	7	2.9	114	14	1	0.91
120	6	2.5	125	18	0	0.93
130	3	1.2	137	23	1	0.90
140	1	0.4	148	29	.	0.89
150	1	12.5	156	36	0.95	.	3	1.2	155	35	1	0.94
160	1	12.5	163	38	0.88	.	7	2.9	165	40	1	0.89
170	1	12.5	171	45	.	0.90	1	12.5	175	49	0.91	.	8	3.3	175	48	0	0.89
180	2	25.0	188	57	1	0.86	1	12.5	180	53	0.91	.	29	12.0	186	56	1	0.88
190	3	37.5	198	68	6	0.88	2	25.0	197	69	5 0.90	.	30	12.4	195	65	1	0.87
200	2	25.0	204	72	6	0.84	.	.	.	.	.	.	26	10.7	204	69	1	0.82
210	20	8.3	214	82	2	0.83
220	1	12.5	227	98	0.84	.	6	2.5	225	91	6	0.80
230	2	0.8	231	102	10	0.83
240	2	0.8	244	118	16	0.81
250	1	0.4	255	104	.	0.63
260	1	0.4	265	130	.	0.70
300	1	0.4	304	245	.	0.87
320	1	0.4	325	.	.	.
340	2	0.8	345	105	.	0.27
400	1	0.4	404	.	.	.
470	1	0.4	476	.	.	.
TOTAL/MEAN	8	100.0	193	63	4	0.87	8	100.0	175	53	9 0.89		242	100.0	152	43	2	0.93

Table 21. Length and weight data, by age, for Arctic charr caught in Gavia Lake, 1976.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20	34.5	59	1.5	2	0	1.13
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	5.2	79	10.3	6	3	1.08
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12	20.7	97	2.8	9	1	0.99
4	.	.	.	.	.	.	.	1	12.5	106	.	10	.	0.84	3	5.2	119	8.6	15	4	0.88
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	5.2	126	1.2	18	0	0.92
6	.	.	.	.	.	.	.	1	12.5	180	.	53	.	0.91	1	1.7	180	.	53	.	0.91
7	2	25.0	188	0.5	57	1	0.86	4	50.0	181	9.9	56	8	0.92	7	12.1	178	7.4	52	6	0.90
8	3	37.5	200	2.7	72	6	0.91	2	25.0	195	32.0	68	30	0.86	5	8.6	198	10.3	71	10	0.89
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1.7	188	.	66	.	0.99
10	1	12.5	171	.	45	.	0.90	.	.	.	.	.	.	1	1.7	171	.	45	.	0.90	
11	2	25.0	201	2.0	66	1	0.81	.	.	.	.	.	.	2	3.4	201	2.0	66	1	0.81	
TOTAL/MEAN	8	100.0	193	3.9	63	4	0.87	8	100.0	175	12.7	53	9	0.89	58	100.0	112	7.1	22	3	1.00

Table 22. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1977.

LENGTH INTERVAL (mm)	FEMALES						MALES					COMBINED						
	LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	MEAN			SE	N	%	MEAN			MEAN	SE	N	%			MEAN	MEAN	SE
90	.	.	.	.	.	.	.	.	.	.	.	.	2	0.4	94	8	2	0.94
100	.	.	.	.	.	.	.	.	.	.	.	.	31	6.6	105	9	0	0.76
110	2	6.1	117	12	2	0.72	.	.	.	.	.	.	41	8.8	114	12	0	0.76
120	.	.	.	.	.	.	.	.	.	.	.	.	11	2.4	125	15	1	0.76
130	2	6.1	133	18	0	0.77	1	3.2	139	22	.	0.82	28	6.0	134	19	0	0.80
140	1	3.0	141	22	.	0.78	1	3.2	148	30	.	0.93	21	4.5	144	24	1	0.79
150	1	3.0	154	25	.	0.68	.	.	.	.	.	.	14	3.0	154	29	1	0.80
160	1	3.0	166	35	.	0.77	1	3.2	169	36	.	0.75	7	1.5	167	38	2	0.81
170	.	.	.	.	.	.	1	3.2	176	54	.	0.99	28	6.0	175	46	1	0.86
180	3	9.1	183	51	2	0.82	9	29.0	185	54	1	0.84	72	15.4	185	52	1	0.82
190	7	21.2	194	60	2	0.81	5	16.1	193	59	1	0.83	83	17.8	194	60	1	0.82
200	9	27.3	203	66	3	0.78	7	22.6	204	74	3	0.87	65	13.9	204	68	1	0.81
210	4	12.1	214	80	1	0.81	.	.	.	.	.	.	28	6.0	214	78	1	0.79
220	1	3.0	229	89	.	0.74	3	9.7	224	92	7	0.82	18	3.9	223	86	2	0.77
230	.	.	.	.	.	.	.	.	.	.	.	.	10	2.1	235	100	2	0.78
240	2	6.1	242	109	7	0.77	.	.	.	.	.	.	3	0.6	244	105	5	0.73
260	.	.	.	.	.	.	1	3.2	260	131	.	0.75	3	0.6	263	140	5	0.77
310	.	.	.	.	.	.	1	3.2	311	215	.	0.71	1	0.2	311	215	.	0.71
350	.	.	.	.	.	.	1	3.2	351	368	.	0.85	1	0.2	351	368	.	0.85
TOTAL/MEAN	33	100.0	190	58	4	0.79	31	100.0	203	78	11	0.84	467	100.0	175	50	1	0.80

Table 23. Length and weight data, by age, for Arctic charr caught in Gavla Lake, 1977.

AGE (years +)	FEMALES								MALES						COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
2	1	3.0	114	.	10	.	0.67	.	.	.	.	.	.	2	1.9	107	7.0	9	2	0.69	
3	1	3.0	131	.	18	.	0.80	.	.	.	.	.	.	10	9.6	109	2.9	11	1	0.82	
4	4	12.1	149	6.9	25	4	0.74	1	3.3	139	.	22	.	0.82	9	8.7	141	4.1	22	2	0.78
5	1	3.0	119	.	13	.	0.77	2	6.7	165	17.0	40	10	0.88	9	8.7	148	8.5	30	4	0.91
6	2	6.1	204	1.0	71	4	0.83	3	10.0	180	5.3	49	7	0.83	7	6.7	184	5.7	54	5	0.86
7	4	12.1	194	5.4	59	7	0.79	3	10.0	187	1.0	55	3	0.84	9	8.7	190	3.6	58	4	0.84
8	9	27.3	201	3.0	68	3	0.83	13	43.3	203	6.0	73	6	0.86	27	26.0	200	3.3	69	3	0.84
9	3	9.1	195	4.7	57	6	0.77	2	6.7	192	1.5	59	1	0.84	9	8.7	195	2.7	61	3	0.82
10	2	6.1	230	12.5	98	17	0.80	4	13.3	209	8.1	75	9	0.81	11	10.6	212	6.5	79	7	0.80
11	5	15.2	206	7.4	67	7	0.76	.	.	.	.	.	.	5	4.8	206	7.4	67	7	0.76	
12	1	3.0	241	.	102	.	0.73	1	3.3	351	.	368	.	0.85	3	2.9	258	49.3	175	97	0.83
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1.9	213	20.5	74	22	0.74
14	.	.	.	.	.	.	.	1	3.3	311	.	215	.	0.71	1	1.0	311	.	215	.	0.71
TOTAL/MEAN	33	100.0	190	5.6	58	4	0.79	30	100.0	203	7.6	79	12	0.84	104	100.0	182	4.2	58	4	0.82

Table 24. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1978.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT	K	SE	N	%	LENGTH	WEIGHT	K	SE	N	%	LENGTH	WEIGHT	K	SE
			(mm)	(g)					(mm)	(g)					(mm)	(g)		
50	.	.	.	.	.	.	.	.	.	.	.	.	4	0.3	55	2	0	1.36
60	.	.	.	.	.	.	.	.	.	.	.	.	5	0.4	64	3	0	1.29
70	.	.	.	.	.	.	.	.	.	.	.	.	6	0.5	75	5	0	1.21
80	.	.	.	.	.	.	.	.	.	.	.	.	27	2.3	84	7	0	1.18
90	.	.	.	.	.	.	.	.	.	.	.	.	37	3.2	95	9	0	1.05
100	7	5.5	104	9	0	0.83	2	1.4	101	10	2	0.97	78	6.8	105	11	0	0.90
110	4	3.1	115	13	1	0.88	3	2.1	113	12	0	0.82	73	6.3	114	13	0	0.86
120	4	3.1	127	18	1	0.86	5	3.5	123	17	1	0.89	45	3.9	124	17	0	0.89
130	4	3.1	134	21	1	0.87	2	1.4	136	24	1	0.94	39	3.4	134	22	1	0.89
140	6	4.7	145	28	1	0.86	1	0.7	145	26	.	0.85	42	3.6	145	27	0	0.89
150	5	3.9	152	29	1	0.83	4	2.8	156	34	1	0.90	44	3.8	154	33	1	0.90
160	8	6.3	165	39	1	0.86	8	5.6	163	39	1	0.89	57	4.9	165	40	0	0.90
170	8	6.3	174	45	1	0.84	15	10.4	174	47	1	0.88	72	6.2	175	48	1	0.89
180	15	11.7	186	54	1	0.84	18	12.5	184	55	1	0.88	117	10.1	185	56	1	0.89
190	24	18.8	194	59	1	0.81	34	23.6	194	61	1	0.84	213	18.5	194	62	1	0.84
200	18	14.1	204	67	2	0.79	21	14.6	205	73	2	0.86	146	12.7	204	71	1	0.83
210	9	7.0	214	76	2	0.78	7	4.9	214	77	2	0.79	64	5.5	214	80	1	0.82
220	8	6.3	224	86	1	0.77	11	7.6	223	93	2	0.84	51	4.4	224	92	1	0.82
230	4	3.1	235	102	3	0.78	3	2.1	232	95	6	0.76	12	1.0	235	102	3	0.80
240	.	.	.	.	.	.	1	0.7	243	105	.	0.73	3	0.3	246	124	9	0.83
250	.	.	.	.	.	.	1	0.7	250	106	.	0.68	5	0.4	253	131	9	0.82
260	2	1.6	263	153	1	0.84	2	1.4	267	156	18	0.82	5	0.4	265	155	6	0.84
280	1	0.8	282	148	.	0.66	.	.	.	.	.	.	1	0.1	282	148	.	0.66
290	1	0.8	290	228	.	0.93	.	.	.	.	.	.	1	0.1	290	228	.	0.93
310	.	.	.	.	.	.	1	0.7	311	198	.	0.66	1	0.1	311	198	.	0.66
330	.	.	.	.	.	.	1	0.7	334	311	.	0.83	2	0.2	335	311	.	0.83
390	.	.	.	.	.	.	1	0.7	399	668	.	1.05	1	0.1	399	668	.	1.05
410	.	.	.	.	.	.	1	0.7	417	768	.	1.06	1	0.1	417	768	.	1.06
550	.	.	.	.	.	.	1	0.7	550	1537	.	0.92	1	0.1	550	1537	.	0.92
560	.	.	.	.	.	.	1	0.7	566	1060	.	0.58	1	0.1	566	1060	.	0.58
TOTAL/MEAN	128	100.0	183	56	3	0.82	144	100.0	199	90	14	0.85	1155	100.0	170	52	2	0.88

Table 25. Length and weight data, by age, for Arctic charr caught in Gavia Lake, 1978.

AGE (years +)	FEMALES								MALES								COMBINED							
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE				
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	3.2	60	1.8	3	0	1.32
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	34	12.1	85	1.1	7	0	1.18
3	7	11.9	107	2.0	10	1	0.86	2	2.9	111	11.0	12	4	0.81	27	9.6	112	4.1	14	2	0.89			
4	4	6.8	119	12.1	16	5	0.84	8	11.6	124	5.2	18	3	0.88	30	10.7	118	3.2	15	1	0.85			
5	11	18.6	145	3.7	27	2	0.88	5	7.2	155	3.3	34	3	0.91	30	10.7	148	2.0	30	1	0.89			
6	4	6.8	186	18.0	59	15	0.85	6	8.7	185	5.4	57	5	0.89	15	5.3	181	5.2	54	4	0.89			
7	5	8.5	200	10.8	69	9	0.84	12	17.4	202	4.9	69	4	0.84	27	9.6	193	3.9	62	3	0.85			
8	10	16.9	200	4.1	64	4	0.80	12	17.4	194	7.2	64	6	0.85	33	11.7	197	3.3	66	3	0.86			
9	7	11.9	205	4.2	62	6	0.71	5	7.2	214	8.5	81	8	0.81	21	7.5	205	4.0	71	4	0.81			
10	7	11.9	218	12.0	84	12	0.80	10	14.5	219	13.2	89	15	0.80	27	9.6	212	6.2	80	7	0.80			
11	2	3.4	239	27.0	111	43	0.77	1	1.4	222	.	97	.	0.89	10	3.6	220	6.2	90	8	0.82			
12	.	.	.	.	.	.	.	2	2.9	243	7.5	95	11	0.66	6	2.1	212	11.1	76	9	0.80
13	1	1.7	202	.	45	.	0.55	2	2.9	219	3.5	88	5	0.84	6	2.1	212	7.1	75	11	0.75			
14	1	1.7	236	.	103	.	0.78	2	2.9	492	74.5	914	146	0.82	4	1.4	366	78.6	516	238	0.83			
15	.	.	.	.	.	.	.	2	2.9	475	75.5	1103	435	0.99	2	0.7	475	75.5	1103	435	0.99
TOTAL/MEAN	59	100.0	177	5.8	52	4	0.81	69	100.0	206	9.8	117	29	0.84	281	100.0	164	3.9	58	8	0.90			

Table 26. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1979.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE	
40	.	.	.	.	.	.	.	.	.	.	.	.	3	0.6	49	2	0	1.43
50	.	.	.	.	.	.	.	.	.	.	.	.	7	1.5	55	2	0	1.19
60	.	.	.	.	.	.	.	.	.	.	.	.	3	0.6	65	4	0	1.31
70	.	.	.	.	.	.	.	.	.	.	.	.	5	1.1	73	4	0	1.11
80	.	.	.	.	.	.	.	.	.	.	.	.	4	0.9	83	7	1	1.12
90	.	.	.	.	.	.	1	1.1	98	8	.	0.85	6	1.3	96	11	1	1.18
100	2	2.4	104	10	0	0.89	2	2.1	107	11	0	0.91	26	5.6	105	11	0	0.93
110	4	4.9	114	13	0	0.89	3	3.2	113	14	1	0.96	34	7.3	114	13	0	0.89
120	6	7.3	125	17	1	0.87	4	4.3	122	17	0	0.92	27	5.8	124	18	0	0.93
130	4	4.9	134	22	1	0.90	5	5.3	134	21	1	0.89	16	3.5	133	21	1	0.90
140	2	2.4	146	28	3	0.89	6	6.4	145	28	1	0.92	19	4.1	145	29	1	0.94
150	3	3.7	155	33	1	0.87	2	2.1	155	34	1	0.91	16	3.5	154	33	1	0.91
160	2	2.4	165	43	3	0.97	4	4.3	167	40	2	0.85	15	3.2	165	41	1	0.92
170	3	3.7	175	51	2	0.95	2	2.1	174	52	2	0.99	19	4.1	175	50	1	0.93
180	6	7.3	185	56	2	0.88	9	9.6	185	58	2	0.91	51	11.0	185	58	1	0.92
190	14	17.1	195	64	2	0.86	14	14.9	194	65	2	0.89	71	15.3	195	65	1	0.88
200	8	9.8	206	71	2	0.82	15	16.0	204	75	1	0.89	57	12.3	204	74	1	0.87
210	11	13.4	213	82	2	0.84	13	13.8	214	81	2	0.82	41	8.9	214	81	2	0.83
220	4	4.9	225	97	5	0.85	3	3.2	223	95	5	0.85	16	3.5	224	97	2	0.86
230	4	4.9	237	111	4	0.84	2	2.1	231	117	4	0.95	8	1.7	234	110	3	0.85
240	4	4.9	243	124	5	0.87	3	3.2	245	119	4	0.81	7	1.5	244	122	3	0.84
250	1	1.2	251	142	.	0.90	4	4.3	257	142	4	0.84	5	1.1	256	142	3	0.85
260	1	1.2	264	153	.	0.83	2	2.1	268	168	1	0.88	3	0.6	266	163	5	0.86
270	2	2.4	275	177	5	0.86	.	.	.	.	.	.	2	0.4	275	177	5	0.86
280	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	283	190	.	0.84
330	1	1.2	330	312	.	0.87	.	.	.	.	.	.	1	0.2	330	312	.	0.87
TOTAL/MEAN	82	100.0	190	69	5	0.87	95	100.0	188	65	4	0.88	464	100.0	171	54	2	0.91

Table 27. Length and weight data, by age, for Arctic charr caught in Gavia Lake, 1979.

AGE (years +)	FEMALES								MALES								COMBINED							
			LENGTH (mm)		WEIGHT (g)		K				LENGTH (mm)		WEIGHT (g)		K				LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	SE	MEAN	SE			N	%	MEAN	SE	MEAN	SE			N	%	MEAN	SE	MEAN	SE		
1	11	5.2	54	1.3	2	0	1.27	
2	10	4.8	75	1.9	5	0	1.14	
3	6	7.6	127	17.7	24	12	0.90	6	6.8	110	3.2	12	1	0.92	22	10.5	109	5.4	15	3	1.03			
4	6	7.6	128	4.3	19	2	0.87	7	8.0	129	3.9	20	2	0.90	15	7.1	127	2.7	19	1	0.91			
5	5	6.3	137	9.6	25	6	0.89	4	4.5	171	21.5	51	18	0.90	12	5.7	149	9.0	35	7	0.93			
6	6	7.6	157	8.2	38	6	0.94	7	8.0	159	7.6	39	6	0.92	17	8.1	161	4.5	40	3	0.93			
7	8	10.1	178	6.4	53	6	0.92	19	21.6	193	4.0	66	4	0.91	28	13.3	187	3.7	62	3	0.92			
8	13	16.5	213	10.4	89	12	0.85	13	14.8	203	3.3	76	3	0.90	27	12.9	207	5.3	81	6	0.87			
9	17	21.5	212	4.2	83	6	0.85	16	18.2	206	6.9	77	8	0.84	33	15.7	209	4.0	80	5	0.85			
10	11	13.9	221	7.7	96	11	0.85	9	10.2	220	8.9	94	11	0.85	20	9.5	221	5.7	95	8	0.85			
11	6	7.6	223	22.1	109	41	0.82	6	6.8	226	13.9	101	18	0.83	12	5.7	225	12.5	105	21	0.82			
13	1	1.3	210	.	77	.	0.83	1	0.5	210	.	77	.	0.83		
14	.	.	.	.	.	.	.	1	1.1	210	.	59	.	0.64	1	0.5	210	.	59	.	0.64
15	1	0.5	283	.	190	.	0.84		
TOTAL/MEAN	79	100.0	189	5.1	68	5	0.87	88	100.0	188	4.2	65	4	0.88	210	100.0	170	3.9	56	3	0.93			

Table 28. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1980.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE	
90	1	0.3	95	8	.	0.93
100	20	5.5	106	10	0	0.84
110	12	3.3	115	13	1	0.84
120	24	6.6	125	17	0	0.84
130	11	3.0	135	21	1	0.83
140	15	4.1	145	27	1	0.87
150	13	3.6	154	33	1	0.90
160	15	4.1	164	39	1	0.88
170	17	4.7	177	49	1	0.88
180	45	12.3	185	56	1	0.89
190	42	11.5	195	62	1	0.84
200	56	15.3	205	72	1	0.84
210	35	9.6	215	83	1	0.84
220	23	6.3	223	93	1	0.84
230	10	2.7	236	112	3	0.85
240	2	0.5	245	125	5	0.85
250	10	2.7	254	140	3	0.86
260	3	0.8	264	158	14	0.86
270	3	0.8	274	177	13	0.86
280	3	0.8	284	196	16	0.85
300	1	0.3	305	274	.	0.97
310	1	0.3	312	285	.	0.94
340	1	0.3	348	394	.	0.93
390	1	0.3	391	495	.	0.83
550	1	100.0	559	1889	.	1.08	1	0.3	559	1889	.	1.08
TOTAL/MEAN	1	100.0	559	1889	.	1.08	365	100.0	187	69	6	0.86

Table 29. Length and weight data, by age, for Arctic charr caught in Gavla Lake, 1980.

AGE (years +)	FEMALES							MALES							COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K		
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE			
3	16	4.4	106	1.2	10	0	0.84
4	43	11.9	123	1.7	16	1	0.85
5	28	7.7	146	2.6	27	2	0.85
6	16	4.4	160	6.2	38	4	0.87
7	59	16.3	185	2.5	58	2	0.89
8	45	12.4	201	2.8	73	3	0.88
9	50	13.8	213	3.0	84	4	0.85
10	62	17.1	213	3.1	83	5	0.83
11	24	6.6	221	5.2	93	8	0.83
12	12	3.3	227	16.4	113	36	0.78
13	4	1.1	235	38.8	143	84	0.81
14	1	0.3	312	.	285	.	0.94
15	1	0.3	305	.	274	.	0.97
18	1	100.0	559	.	1889	.	1.08	.	.	1	0.3	559	.	1889	.	1.08
TOTAL/MEAN	1	100.0	559	.	1889	.	1.08	.	.	362	100.0	187	2.5	69	6	0.85

Table 30. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1983.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE	
90	.	.	.	.	.	.	.	.	.	.	.	.	3	0.8	97	9	0	0.98
100	.	.	.	.	.	.	.	.	.	.	.	.	40	10.4	106	11	0	0.91
110	1	1.1	110	11	.	0.83	.	.	.	.	.	.	58	15.1	114	13	0	0.89
120	1	1.1	123	16	.	0.86	2	2.5	126	19	2	0.92	32	8.3	123	17	0	0.89
130	7	8.0	136	22	1	0.88	1	1.2	136	22	.	0.87	32	8.3	134	21	0	0.88
140	9	10.2	145	26	1	0.85	4	4.9	146	27	1	0.88	24	6.3	144	26	0	0.87
150	3	3.4	158	34	1	0.85	2	2.5	151	29	0	0.84	13	3.4	155	32	1	0.87
160	3	3.4	163	38	1	0.87	2	2.5	164	39	4	0.89	10	2.6	164	39	1	0.89
170	4	4.5	175	47	2	0.86	3	3.7	175	52	2	0.96	10	2.6	176	49	1	0.91
180	7	8.0	186	55	2	0.86	6	7.4	186	55	1	0.87	18	4.7	185	55	1	0.87
190	8	9.1	193	59	2	0.82	11	13.6	194	61	1	0.83	30	7.8	194	61	1	0.84
200	15	17.0	203	68	2	0.82	14	17.3	204	72	2	0.85	39	10.2	204	70	1	0.83
210	6	6.8	216	86	6	0.85	10	12.3	215	83	2	0.83	22	5.7	215	82	2	0.82
220	7	8.0	223	88	4	0.80	10	12.3	224	94	3	0.83	20	5.2	224	93	2	0.82
230	7	8.0	234	107	3	0.84	6	7.4	233	104	4	0.82	13	3.4	234	106	2	0.83
240	2	2.3	244	132	7	0.91	2	2.5	242	113	2	0.80	4	1.0	243	123	6	0.86
250	2	2.3	256	130	5	0.78	2	2.5	258	156	12	0.90	4	1.0	257	143	9	0.84
260	.	.	.	.	.	.	2	2.5	263	159	4	0.88	2	0.5	263	159	4	0.88
270	1	1.1	279	158	.	0.73	.	.	.	.	.	.	1	0.3	279	158	.	0.73
280	.	.	.	.	.	.	1	1.2	283	216	.	0.95	1	0.3	283	216	.	0.95
290	.	.	.	.	.	.	1	1.2	297	199	.	0.76	1	0.3	297	199	.	0.76
300	1	1.1	309	238	.	0.81	.	.	.	.	.	.	1	0.3	309	238	.	0.81
350	1	1.1	359	457	.	0.99	.	.	.	.	.	.	1	0.3	359	457	.	0.99
370	1	1.1	377	432	.	0.81	.	.	.	.	.	.	1	0.3	377	432	.	0.81
380	1	1.1	381	523	.	0.95	.	.	.	.	.	.	1	0.3	381	523	.	0.95
410	.	.	.	.	.	.	1	1.2	414	699	.	0.99	1	0.3	414	699	.	0.99
430	1	1.1	432	639	.	0.79	.	.	.	.	.	.	1	0.3	432	639	.	0.79
470	.	.	.	.	.	.	1	1.2	472	927	.	0.88	1	0.3	472	927	.	0.88
TOTAL/MEAN	88	100.0	201	86	11	0.84	81	100.0	210	96	14	0.85	384	100.0	166	54	4	0.87

Table 31. Length and weight data, by age, for Arctic charr caught in Gavia Lake, 1983.

AGE (years +)	FEMALES							MALES							COMBINED							
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		
2
3	.	.	.	.	.	.	.	2	2.9	126	2.0	19	2	0.92	11	7.0	118	2.6	15	1	0.87
4	7	9.7	134	5.1	21	2	0.86	1	1.4	136	.	22	.	0.87	11	7.0	131	3.7	20	2	0.87	
5	7	9.7	149	4.6	29	3	0.86	4	5.8	164	11.0	40	8	0.89	11	7.0	154	5.1	33	4	0.87	
6	6	8.3	178	8.9	51	7	0.87	1	1.4	146	.	26	.	0.84	7	4.5	173	8.8	47	7	0.87	
7	16	22.2	212	5.4	82	7	0.83	11	15.9	204	3.8	74	4	0.87	27	17.2	209	3.6	79	4	0.85	
8	6	8.3	205	5.6	73	8	0.84	23	33.3	213	4.0	86	5	0.87	29	18.5	211	3.4	83	4	0.86	
9	9	12.5	212	7.6	80	8	0.81	7	10.1	217	12.6	93	21	0.86	16	10.2	214	6.8	86	10	0.83	
10	3	4.2	223	11.0	105	18	0.93	9	13.0	239	9.6	117	15	0.82	12	7.6	235	7.7	114	12	0.85	
11	11	15.3	242	16.0	136	36	0.82	5	7.2	232	8.8	102	14	0.80	16	10.2	239	11.2	126	25	0.82	
12	2	2.8	317	60.0	279	154	0.77	3	4.3	221	9.9	85	16	0.77	5	3.2	259	30.8	162	68	0.77	
13	3	4.2	272	55.4	229	148	0.83	1	1.4	202	.	69	.	0.84	4	2.5	254	42.9	189	112	0.83	
14	1	1.4	217	.	60	.	0.59	1	1.4	414	.	699	.	0.99	2	1.3	316	98.5	380	320	0.79	
15	1	1.4	432	.	639	.	0.79	.	.	.	.	.	.	.	1	0.6	432	.	639	.	0.79
16	.	.	.	.	.	.	.	1	1.4	472	.	927	.	0.88	1	0.6	472	.	927	.	0.88
TOTAL/MEAN	72	100.0	208	6.8	96	13	0.84	69	100.0	216	6.2	104	16	0.86	157	100.0	202	4.8	91	9	0.85	

Table 32. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Gavia Lake, 1988.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT	K		N	%	LENGTH	WEIGHT	K		N	%	LENGTH	WEIGHT	K	
			(mm)	(g)					(mm)	(g)					(mm)	(g)		
			MEAN	MEAN	SE			MEAN	MEAN	SE					MEAN	MEAN	SE	
80	.	.	.	.	.	.	.	.	.	.	.	.	1	0.3	87	6	.	0.91
90	1	4.0	97	8	.	0.88	.	.	.	.	.	.	7	2.0	98	8	0	0.86
100	1	4.0	105	9	.	0.78	.	.	.	.	.	.	39	11.0	105	9	0	0.80
110	7	28.0	114	12	0	0.80	.	.	.	.	.	.	40	11.3	114	12	0	0.81
120	1	4.0	128	17	.	0.81	1	4.3	128	17	.	0.81	20	5.6	124	16	0	0.84
130	.	.	.	.	.	.	2	8.7	137	22	3	0.83	26	7.3	134	20	0	0.83
140	1	4.0	147	28	.	0.88	1	4.3	143	24	.	0.82	18	5.1	144	25	0	0.84
150	1	4.0	150	29	.	0.86	1	4.3	154	29	.	0.79	23	6.5	155	32	1	0.85
160	.	.	.	.	.	.	1	4.3	162	37	.	0.87	15	4.2	163	37	1	0.86
170	.	.	.	.	.	.	1	4.3	172	44	.	0.86	24	6.8	173	46	1	0.88
180	1	4.0	180	50	.	0.86	2	8.7	183	55	4	0.89	22	6.2	184	55	1	0.89
190	2	8.0	195	64	1	0.86	2	8.7	196	64	3	0.86	32	9.0	194	59	2	0.80
200	2	8.0	205	73	5	0.85	.	.	.	.	.	.	17	4.8	204	72	1	0.84
210	2	8.0	214	78	2	0.80	.	.	.	.	.	.	17	4.8	214	81	2	0.83
220	1	4.0	223	81	.	0.73	.	.	.	.	.	.	11	3.1	224	93	3	0.83
230	.	.	.	.	.	.	1	4.3	236	101	.	0.77	8	2.3	233	102	3	0.81
240	.	.	.	.	.	.	2	8.7	242	120	3	0.85	7	2.0	244	116	2	0.80
250	.	.	.	.	.	.	.	.	.	.	.	.	4	1.1	254	131	8	0.80
260	.	.	.	.	.	.	.	.	.	.	.	.	1	0.3	266	172	.	0.91
270	.	.	.	.	.	.	.	.	.	.	.	.	4	1.1	272	166	7	0.82
280	.	.	.	.	.	.	.	.	.	.	.	.	2	0.6	285	189	1	0.82
290	.	.	.	.	.	.	.	.	.	.	.	.	3	0.8	295	213	11	0.83
320	.	.	.	.	.	.	1	4.3	322	300	.	0.90	1	0.3	322	300	.	0.90
340	1	4.0	349	332	.	0.78	.	.	.	.	.	.	1	0.3	349	332	.	0.78
360	.	.	.	.	.	.	1	4.3	366	401	.	0.82	1	0.3	366	401	.	0.82
370	1	4.0	375	415	.	0.79	.	.	.	.	.	.	1	0.3	375	415	.	0.79
380	.	.	.	.	.	.	1	4.3	380	408	.	0.74	1	0.3	380	408	.	0.74
390	1	4.0	395	512	.	0.83	.	.	.	.	.	.	1	0.3	395	512	.	0.83
400	1	4.0	405	493	.	0.74	1	4.3	407	564	.	0.84	2	0.6	406	529	36	0.79
420	.	.	.	.	.	.	1	4.3	423	567	.	0.75	1	0.3	423	567	.	0.75
430	.	.	.	.	.	.	1	4.3	430	630	.	0.79	1	0.3	430	630	.	0.79
440	1	4.0	445	843	.	0.96	.	.	.	.	.	.	1	0.3	445	843	.	0.96
500	.	.	.	.	.	.	1	4.3	501	1095	.	0.87	1	0.3	501	1095	.	0.87
520	.	.	.	.	.	.	1	4.3	521	1250	.	0.88	1	0.3	521	1250	.	0.88
530	.	.	.	.	.	.	1	4.3	530	1427	.	0.96	1	0.3	530	1427	.	0.96
TOTAL/MEAN	25	100.0	201	133	43	0.82	23	100.0	278	322	88	0.84	355	100.0	172	69	8	0.83

Table 33. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Hovaktok Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
190	1	20.0	195	.	58	.	0.78	.	.	.	.	.	.	.	1	16.7	195	.	58	.	0.78
300	1	20.0	301	.	275	.	1.01	.	.	.	.	.	.	.	1	16.7	301	.	275	.	1.01
330	1	20.0	331	.	425	.	1.17	.	.	.	.	.	.	.	1	16.7	331	.	425	.	1.17
340	1	20.0	343	.	500	.	1.24	.	.	.	.	.	.	.	1	16.7	343	.	500	.	1.24
410	1	20.0	418	.	975	.	1.33	1	100.0	416	.	900	.	1.25	2	33.3	417	38	938	38	1.29
TOTAL/MEAN	5	100.0	318	152	447	152	1.11	1	100.0	416	.	900	.	1.25	6	100.0	334	145	522	145	1.13

Table 34. Length and weight data, by age, for Arctic charr caught in Hovaktok Lake, 1975.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
3	1	20.0	195	.	58	.	0.78	.	.	.	.	.	.	.	1	16.7	195	.	58	.	0.78
4	1	20.0	331	.	425	.	1.17	.	.	.	.	.	.	.	1	16.7	331	.	425	.	1.17
6	2	40.0	360	58.5	625	350	1.17	1	100.0	416	.	900	.	1.25	3	50.0	378	38.7	717	222	1.20
7	1	20.0	343	.	500	.	1.24	.	.	.	.	.	.	.	1	16.7	343	.	500	.	1.24
TOTAL/MEAN	5	100.0	318	36.2	447	152	1.11	1	100.0	416	.	900	.	1.25	6	100.0	334	33.8	522	145	1.13

Table 35. Length and weight data, by 10mm fork length intervals, for lake trout caught in Hovaktok Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K			
			MEAN	SE				MEAN	SE				MEAN	SE				
190	.	.	.	.	.	.	.	.	.	.	1	11.1	198	74	0.95
250	.	.	.	.	.	1	50.0	258	145	0.84	1	11.1	258	145	0.84
290	1	16.7	294	275	1.08	.	.	.	.	.	1	11.1	294	275	1.08
310	1	16.7	315	325	1.04	.	.	.	.	.	1	11.1	315	325	1.04
340	1	16.7	340	375	0.95	1	50.0	349	400	0.94	2	22.2	345	388	13 0.95			
420	1	16.7	425	825	1.07	.	.	.	.	.	1	11.1	425	825	1.07
510	1	16.7	516	1375	1.00	.	.	.	.	.	1	11.1	516	1375	1.00
650	1	16.7	659	3100	1.08	.	.	.	.	.	1	11.1	659	3100	1.08
TOTAL/MEAN	6	100.0	425	1046	445	1.04	2	100.0	304	273	128	0.89	9	100.0	373	766	321	1.00

Table 36. Length and weight data, by age, for lake trout caught in Hovaktok Lake, 1975.

AGE (years +)	FEMALES					MALES					COMBINED										
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K						
			MEAN	SE				MEAN	SE				MEAN	SE							
6	.	.	.	.	.	.	.	.	.	.	1	11.1	198	74	0.95
11	.	.	.	.	.	1	50.0	258	145	0.84	1	11.1	258	145	0.84	
12	1	16.7	294	275	1.08	.	.	.	.	.	1	11.1	294	275	1.08	
14	1	16.7	315	325	1.04	.	.	.	.	.	1	11.1	315	325	1.04	
16	1	16.7	516	1375	1.00	1	50.0	349	400	0.94	2	22.2	433	83.5	888 488 0.97						
17	2	33.3	383	42.5	600 225	1.01	2	22.2	383	42.5	600 225	1.01					
28	1	16.7	659	3100	1.08	.	.	.	.	.	1	11.1	659	3100	1.08	
TOTAL/MEAN	6	100.0	425	57.6	1046	445	1.04	2	100.0	304	45.5	273	128	0.89	9	100.0	373	47.2	766	321	1.00

Table 37. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Hovaktok Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE			
570	1	50.0	570	.	2020	.	1.09	.	.	.	.	.	1	25.0	570	.	2020	.	1.09		
650	1	50.0	653	.	2890	.	1.04	.	.	.	.	.	1	25.0	653	.	2890	.	1.04		
730	.	.	.	.	.	.	.	1	50.0	737	.	5030	.	1.26	1	25.0	737	.	5030	.	1.26
810	.	.	.	.	.	.	.	1	50.0	813	.	5740	.	1.07	1	25.0	813	.	5740	.	1.07
TOTAL/MEAN	2	100.0	612	41.5	2455	435	1.06	2	100.0	775	38.0	5385	355	1.16	4	100.0	693	52.5	3920	876	1.11

Table 38. Length and weight data, by age, for Arctic charr caught in Hovaktok Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE			
10	1	50.0	570	.	2020	.	1.09	1	50.0	737	.	5030	.	1.26	2	50.0	654	83.5	3525	1505	1.17
11	.	.	.	.	.	.	.	1	50.0	813	.	5740	.	1.07	1	25.0	813	.	5740	.	1.07
12	1	50.0	653	.	2890	.	1.04	.	.	.	.	.	.	.	1	25.0	653	.	2890	.	1.04
TOTAL/MEAN	2	100.0	612	41.5	2455	435	1.06	2	100.0	775	38.0	5385	355	1.16	4	100.0	693	52.5	3920	876	1.11

Table 39. Length and weight data, by 10mm fork length intervals, for lake trout caught in Hovaktok Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	MEAN	SE				(mm)	MEAN	SE				(mm)	MEAN	SE	
100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
160	.	.	.	.	.	.	1	11.1	169	46	0.95	.	2	11.1	107	10	1	0.79
180	.	.	.	.	.	.	3	33.3	182	54	0.91	.	1	5.6	169	46	.	0.95
210	1	14.3	210	88	0.95	.	.	.	.	.	.	.	3	16.7	182	54	1	0.91
240	1	14.3	247	143	0.95	.	.	.	.	.	.	.	1	5.6	210	88	.	0.95
250	.	.	.	.	.	.	1	11.1	252	146	0.91	.	1	5.6	247	143	.	0.95
260	1	14.3	263	177	0.97	.	.	.	.	.	.	.	1	5.6	252	146	.	0.91
390	.	.	.	.	.	.	1	11.1	399	715	1.13	.	1	5.6	263	177	.	0.97
400	.	.	.	.	.	.	2	22.2	405	733	1.10	.	2	11.1	399	715	.	1.13
420	1	14.3	424	880	1.15	.	.	.	.	.	.	.	1	5.6	405	733	33	1.10
430	.	.	.	.	.	.	1	11.1	435	820	1.00	.	1	5.6	424	880	.	1.15
450	1	14.3	453	945	1.02	.	.	.	.	.	.	.	1	5.6	435	820	.	1.00
700	1	14.3	704	4140	1.19	.	.	.	.	.	.	.	1	5.6	453	945	.	1.02
930	1	14.3	936	9900	1.21	.	.	.	.	.	.	.	1	5.6	704	4140	.	1.19
													1	5.6	936	9900	.	1.21
TOTAL/MEAN	7	100.0	462	2325	1372	1.06	9	100.0	290	373	120	0.99	18	100.0	337	1092	565	1.00

Table 40. Length and weight data, by age, for lake trout caught in Hovaktok Lake, 1976.

AGE (years +)	FEMALES					MALES					COMBINED										
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K			
			(mm)	MEAN	SE				(mm)	MEAN	SE				(mm)	MEAN	SE				
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	4	44.4	179	3.4	52	2	0.92	1	5.9	107	10	0.82
9	1	14.3	210	88	0.95	4	23.5	179	3.4	52	2	0.92		
11	.	.	.	.	.	.	1	11.1	252	146	0.91	.	1	5.9	210	88	.	0.95
12	2	28.6	255	8.0	0.96	.	.	.	.	.	.	.	1	5.9	252	146	.	0.91
16	1	11.1	399	715	1.13	.	2	11.8	255	8.0	160	17	0.96		
17	1	14.3	424	880	1.15	.	.	.	.	.	.	.	1	5.9	399	715	.	1.13
19	.	.	.	.	.	.	1	11.1	404	765	1.16	.	1	5.9	424	880	.	1.15
20	.	.	.	.	.	.	1	11.1	406	700	1.05	.	1	5.9	404	765	.	1.16
21	.	.	.	.	.	.	1	11.1	435	820	1.00	.	1	5.9	406	700	.	1.05
30	1	14.3	704	4140	1.19	.	.	.	.	.	.	.	1	5.9	435	820	.	1.00
31	1	14.3	453	945	1.02	.	.	.	.	.	.	.	1	5.9	704	4140	.	1.19
46	1	14.3	936	9900	1.21	.	.	.	.	.	.	.	1	5.9	453	945	.	1.02
													1	5.9	936	9900	.	1.21			
TOTAL/MEAN	7	100.0	462	102	2325	1372	1.06	9	100.0	290	39.2	373	120	0.99	17	100.0	350	51.6	1155	596	1.01

Table 41. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Itibiak Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K			
			MEAN	SE				MEAN	SE				MEAN	SE				
410	1	10.0	414	800	.	1.13	.	.	.	.	1	7.1	414	800	.	1.13
430	1	10.0	434	1000	.	1.22	.	.	.	.	1	7.1	434	1000	.	1.22
440	1	25.0	443	975	.	1.12	1	7.1	443	975	.	1.12
450	1	25.0	457	1050	.	1.10	1	7.1	457	1050	.	1.10
470	1	25.0	475	1375	.	1.28	1	7.1	475	1375	.	1.28
490	1	10.0	491	1575	.	1.33	.	.	.	.	1	7.1	491	1575	.	1.33
510	1	10.0	516	2025	.	1.47	.	.	.	.	2	14.3	514	1850	175	1.36
520	1	10.0	525	1925	.	1.33	.	.	.	.	1	7.1	525	1925	.	1.33
530	2	20.0	534	1913	138	1.26	.	.	.	.	2	14.3	534	1913	138	1.26
540	2	20.0	546	2150	175	1.32	.	.	.	.	2	14.3	546	2150	175	1.32
650	1	10.0	650	3575	.	1.30	.	.	.	.	1	7.1	650	3575	.	1.30
TOTAL/MEAN	10	100.0	519	1903	240	1.29	4	100.0	472	1269	161	1.19	14	100.0	505	1721	191	1.26

Table 42. Length and weight data, by age, for Arctic charr caught in Itibiak Lake, 1975.

AGE (years +)	FEMALES					MALES					COMBINED								
	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K	N	%	LENGTH (mm)		K				
			MEAN	SE				MEAN	SE				MEAN	SE					
3	.	.	.	.	.	1	25.0	475	.	1375	.	1.28	1	7.1	475	.	1375	.	1.28
4	1	10.0	547	.	1975	.	1.21	.	.	.	.	1	7.1	547	.	1975	.	1.21	
5	1	10.0	650	.	3575	.	1.30	.	.	.	.	1	7.1	650	.	3575	.	1.30	
7	3	30.0	461	37.4	1283	388	1.23	.	.	.	.	3	21.4	461	37.4	1283	388	1.23	
8	2	20.0	521	4.5	1975	50	1.40	2	50.0	477	34.0	1.19	4	28.6	499	18.8	1650	237	1.30
9	1	10.0	533	.	1775	.	1.17	1	25.0	457	.	1.10	2	14.3	495	38.0	1413	363	1.14
10	2	20.0	518	27.0	1950	375	1.38	.	.	.	.	2	14.3	518	27.0	1950	375	1.38	
TOTAL/MEAN	10	100.0	519	20.6	1903	240	1.29	4	100.0	472	14.7	1.19	14	100.0	505	16.1	1721	191	1.26

Table 43. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Kapialtok Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
170	.	.	.	.	.	.	.	1	33.3	176	.	49	.	0.90	1	9.1	176	.	49	.	0.90
180	1	14.3	184	.	53	.	0.85	.	.	.	.	.	.	.	1	9.1	184	.	53	.	0.85
190	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	9.1	194	.	63	.	0.86
310	1	14.3	310	.	375	.	1.26	.	.	.	.	.	.	.	1	9.1	310	.	375	.	1.26
320	1	14.3	325	.	400	.	1.17	.	.	.	.	.	.	.	1	9.1	325	.	400	.	1.17
530	1	14.3	534	.	1900	.	1.25	2	66.7	536	.	1963	13	1.28	3	27.3	535	.	1942	22	1.27
590	1	14.3	594	.	2650	.	1.26	.	.	.	.	.	.	.	1	9.1	594	.	2650	.	1.26
600	1	14.3	600	.	2700	.	1.25	.	.	.	.	.	.	.	1	9.1	600	.	2700	.	1.25
660	1	14.3	661	.	4350	.	1.51	.	.	.	.	.	.	.	1	9.1	661	.	4350	.	1.51
TOTAL/MEAN	7	100.0	458		1775	599	1.22	3	100.0	416		1325	638	1.15	11	100.0	423		1497	429	1.17

Table 44. Length and weight data, by age, for Arctic charr caught in Kapialtok Lake, 1975.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
3	1	16.7	184	.	53	.	0.85	1	33.3	176	.	49	.	0.90	3	30.0	185	5.2	55	4	0.87
4	1	16.7	325	.	400	.	1.17	.	.	.	.	.	.	.	1	10.0	325	.	400	.	1.17
6	1	16.7	534	.	1900	.	1.25	.	.	.	.	.	.	.	1	10.0	534	.	1900	.	1.25
8	.	.	.	.	.	.	.	1	33.3	538	.	1975	.	1.27	1	10.0	538	.	1975	.	1.27
9	1	16.7	661	.	4350	.	1.51	1	33.3	533	.	1950	.	1.29	2	20.0	597	64.0	3150	1200	1.40
10	2	33.3	597	3.0	2675	25	1.26	.	.	.	.	.	.	.	2	20.0	597	3.0	2675	25	1.26
TOTAL/MEAN	6	100.0	483	76.3	2009	653	1.21	3	100.0	416	120	1325	638	1.15	10	100.0	434	60.9	1609	457	1.16

Table 45. Length and weight data, by 10mm fork length intervals, for lake trout caught in Klondike Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES					COMBINED									
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
380	.	.	.	.	.	.	1	16.7	385	.	675	.	1.18	1	5.9	385	.	675	.	1.18
400	1	9.1	401	.	725	.	1	.	.	.	.	.	.	1	5.9	401	.	725	.	1.12
430	.	.	.	.	.	.	1	16.7	431	.	950	.	1.19	1	5.9	431	.	950	.	1.19
440	2	18.2	448	.	1075	25	1.20	1	16.7	448	.	1000	.	1.11	3	17.6	448	.	1050	29	1.17
450	1	16.7	454	.	1175	.	1.26	1	5.9	454	.	1175	.	1.26
460	1	16.7	463	.	1175	.	1.18	1	5.9	463	.	1175	.	1.18
470	4	36.4	472	.	1213	39	1.15	.	.	.	.	.	.	4	23.5	472	.	1213	39	1.15
490	2	18.2	497	.	1438	63	1.17	.	.	.	.	.	.	2	11.8	497	.	1438	63	1.17
500	1	9.1	509	.	1450	.	1.10	.	.	.	.	.	.	1	5.9	509	.	1450	.	1.10
580	1	9.1	588	.	2675	.	1.32	.	.	.	.	.	.	1	5.9	588	.	2675	.	1.32
620	1	16.7	628	.	3225	.	1.30	1	5.9	628	.	3225	.	1.30
TOTAL/MEAN	11	100.0	479	14.0	1339	148	1.17	6	100.0	468	33.9	1367	379	1.20	17	100.0	475	14.4	1349	157	1.18

Table 46. Length and weight data, by age, for lake trout caught in Klondike Lake, 1975.

AGE (years +)	FEMALES						MALES					COMBINED									
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
11	.	.	.	.	.	.	1	16.7	431	.	950	.	1.19	1	5.9	431	.	950	.	1.19
13	1	9.1	401	.	725	.	1.12	1	16.7	385	.	675	.	1.18	2	11.8	393	8.0	700	25	1.15
14	2	18.2	460	12.5	1175	75	1.21	.	.	.	.	.	.	2	11.8	460	12.5	1175	75	1.21
16	2	33.3	456	7.5	1088	88	1.15	2	11.8	456	7.5	1088	88	1.15
18	2	18.2	473	3.0	1250	25	1.18	.	.	.	.	.	.	2	11.8	473	3.0	1250	25	1.18
21	1	16.7	628	.	3225	.	1.30	1	5.9	628	.	3225	.	1.30
23	1	9.1	496	.	1375	.	1.13	.	.	.	.	.	.	1	5.9	496	.	1375	.	1.13
26	1	9.1	588	.	2675	.	1.32	.	.	.	.	.	.	1	5.9	588	.	2675	.	1.32
28	2	18.2	503	6.0	1475	25	1.16	.	.	.	.	.	.	2	11.8	503	6.0	1475	25	1.16
31	1	9.1	470	.	1100	.	1.06	.	.	.	.	.	.	1	5.9	470	.	1100	.	1.06
32	1	9.1	448	.	1050	.	1.17	1	16.7	454	.	1175	.	1.26	2	11.8	451	3.0	1113	63	1.21
TOTAL/MEAN	11	100.0	479	14.0	1339	148	1.17	6	100.0	468	33.9	1367	379	1.20	17	100.0	475	14.4	1349	157	1.18

Table 47. Length data, by 10mm fork length intervals, for least cisco caught in Klondike Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED					
	N	%	LENGTH (mm) MEAN	WEIGHT (g) MEAN	K SE	N	%	LENGTH (mm) MEAN	WEIGHT (g) MEAN	K SE	N	%	LENGTH (mm) MEAN	WEIGHT (g) MEAN	K SE	
190	1	1.8	196	.	.	.
210	4	7.3	218	.	.	.
220	13	23.6	225	.	.	.
230	21	38.2	234	.	.	.
240	10	18.2	244	.	.	.
250	5	9.1	253	.	.	.
260	1	1.8	268	.	.	.
TOTAL/MEAN	55	100.0	234	.	.	.

Table 48. Length and weight data, by 10mm fork length intervals, for lake trout caught in Klondike Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
400	2	66.7	403		715	35	1.09	.	.	.	.	.	.	2	18.2	403		715	35	1.09	
410	1	33.3	413		720	.	1.02	.	.	.	.	.	.	1	9.1	413		720	.	1.02	
420	.	.	.		.	.	.	2	25.0	424		905	25	1.19	2	18.2	424		905	25	1.19
440	.	.	.		.	.	.	1	12.5	440		990	.	1.16	1	9.1	440		990	.	1.16
460	.	.	.		.	.	.	1	12.5	462		1180	.	1.20	1	9.1	462		1180	.	1.20
490	.	.	.		.	.	.	1	12.5	490		1300	.	1.10	1	9.1	490		1300	.	1.10
510	.	.	.		.	.	.	1	12.5	517		1540	.	1.11	1	9.1	517		1540	.	1.11
560	.	.	.		.	.	.	1	12.5	568		2680	.	1.46	1	9.1	568		2680	.	1.46
700	.	.	.		.	.	.	1	12.5	707		4730	.	1.34	1	9.1	707		4730	.	1.34
TOTAL/MEAN	3	100.0	406		717	20	1.07	8	100.0	504		1779	469	1.22	11	100.0	477		1489	367	1.18

Table 49. Length and weight data, by age, for lake trout caught in Klondike Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
12	1	33.3	404		680	.	1.03	.	.	.	.	.	.	1	9.1	404		680	.	1.03	
13	.	.	.		.	.	.	1	12.5	425		880	.	1.15	1	9.1	425		880	.	1.15
14	1	33.3	402		750	.	1.15	1	12.5	423		930	.	1.23	2	18.2	413	10.5	840	90	1.19
15	1	33.3	413		720	.	1.02	1	12.5	440		990	.	1.16	2	18.2	427	13.5	855	135	1.09
17	.	.	.		.	.	.	1	12.5	462		1180	.	1.20	1	9.1	462		1180	.	1.20
18	.	.	.		.	.	.	1	12.5	490		1300	.	1.10	1	9.1	490		1300	.	1.10
20	.	.	.		.	.	.	1	12.5	517		1540	.	1.11	1	9.1	517		1540	.	1.11
26	.	.	.		.	.	.	1	12.5	707		4730	.	1.34	1	9.1	707		4730	.	1.34
28	.	.	.		.	.	.	1	12.5	568		2680	.	1.46	1	9.1	568		2680	.	1.46
TOTAL/MEAN	3	100.0	406	3.4	717	20	1.07	8	100.0	504	33.9	1779	469	1.22	11	100.0	477	27.8	1489	367	1.18

Table 50. Length data, by 10mm fork length intervals, for lake cisco caught in Klondike Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED					
	LENGTH (mm)		WEIGHT (g)		K	LENGTH (mm)		WEIGHT (g)		K	LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	SE		MEAN	SE	N	%		MEAN	SE	N	%		MEAN	SE
210	1	50.0	212	.	.	.
230	1	50.0	237	.	.	.
TOTAL/MEAN	2	100.0	225	.	.	.

Table 51. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Koignut River, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED										
			LENGTH (mm)		K			LENGTH (mm)		K			LENGTH (mm)		K						
	N	%	MEAN	SE		MEAN	SE	N	%		MEAN	SE	N	%		MEAN	SE				
180	1	100.0	183	45	.	0.73
TOTAL/MEAN	1	100.0	183	45	.	0.73

Table 52. Length and weight data, by age, for Arctic charr caught in Koignut River, 1975.

AGE (years +)	FEMALES					MALES					COMBINED											
			LENGTH (mm)		K			LENGTH (mm)		K			LENGTH (mm)		K							
	N	%	MEAN	SE		MEAN	SE	N	%		MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
3	1	100.0	183	.	45	.	0.73
TOTAL/MEAN	1	100.0	183	.	45	.	0.73

500	.	.	.	.	.	.	2	1.1	503	1262	44	0.99	2	0.2	503	1262	44	0.99
530	1	0.6	539	1587	.	1.01	.	.	.	.	.	.	1	0.1	539	1587	.	1.01
560	1	0.6	563	1313	.	0.74	.	.	.	.	.	.	1	0.1	563	1313	.	0.74
570	.	.	.	.	.	.	1	0.5	579	1812	.	0.93	1	0.1	579	1812	.	0.93
620	.	.	.	.	.	.	1	0.5	627	1722	.	0.70	1	0.1	627	1722	.	0.70
TOTAL/MEAN	173	100.0	257	181	15	0.85	189	100.0	257	208	20	0.87	815	100.0	233	163	10	0.89

Table 54. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1975.

AGE (years +)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		
MEAN			SE	MEAN	SE	MEAN				SE	MEAN	SE	MEAN				SE				
0	.	.	.	.	.	.	.	.	.	.	.	.	.	17	3.6	44	0.9	1	0	1.45	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	11	2.4	81	1.7	6	0	1.08	
2	3	1.8	101	1.3	9	1	0.92	4	2.2	139	28.4	15	2	0.79	24	5.1	113	5.3	12	1	0.93
3	6	3.6	146	13.2	29	10	0.93	3	1.7	128	4.4	19	3	0.88	17	3.6	130	5.5	21	3	0.96
4	4	2.4	149	13.0	33	9	0.96	12	6.7	145	4.0	30	2	0.97	23	4.9	142	3.6	29	2	0.98
5	7	4.2	175	16.0	39	4	0.83	8	4.4	175	8.8	53	7	0.96	20	4.3	168	7.4	42	4	0.91
6	6	3.6	186	6.6	60	4	0.93	10	5.6	177	9.9	57	9	0.91	20	4.3	183	5.6	60	5	0.92
7	6	3.6	204	16.2	67	11	0.93	7	3.9	193	9.1	71	11	0.95	16	3.4	199	7.3	72	6	0.95
8	8	4.8	223	12.8	109	19	0.89	12	6.7	225	11.1	100	16	0.87	25	5.3	229	7.1	111	10	0.88
9	10	6.1	225	14.4	116	13	0.86	16	8.9	233	11.3	124	17	0.86	34	7.3	229	7.0	117	9	0.87
10	14	8.5	258	12.7	169	30	0.86	16	8.9	241	12.4	132	21	0.85	31	6.6	251	8.7	151	17	0.85
11	10	6.1	247	9.7	132	19	0.85	12	6.7	226	11.4	107	20	0.86	27	5.8	236	6.8	118	12	0.85
12	24	14.5	259	9.4	149	13	0.86	15	8.3	259	11.5	164	21	0.91	46	9.8	257	6.4	150	10	0.87
13	18	10.9	264	14.1	170	24	0.81	14	7.8	259	15.1	177	33	0.85	37	7.9	263	9.2	172	17	0.82
14	14	8.5	276	13.0	191	23	0.90	7	3.9	333	14.1	298	33	0.79	25	5.3	295	11.4	223	21	0.84
15	12	7.3	317	20.8	264	49	0.78	6	3.3	317	18.6	283	49	0.83	22	4.7	310	13.5	255	31	0.80
16	7	4.2	309	23.9	264	47	0.83	8	4.4	330	29.8	312	93	0.76	18	3.8	318	17.4	291	47	0.81
17	7	4.2	331	33.0	295	81	0.81	11	6.1	350	14.3	340	35	0.80	19	4.1	341	14.4	318	35	0.80
18	2	1.2	333	12.5	311	41	0.84	10	5.6	412	28.5	694	146	0.86	16	3.4	383	21.6	530	102	0.80
19	4	2.4	364	15.1	345	36	0.71	3	1.7	320	52.3	361	177	0.91	8	1.7	346	20.0	355	61	0.81
20	1	0.6	308	.	236	.	0.81	1	0.6	418	.	488	.	0.67	3	0.6	322	51.6	277	112	0.75
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	0.4	414	28.5	517	121	0.72
23	.	.	.	.	.	.	.	2	1.1	503	0.5	1262	44	0.99	2	0.4	503	0.5	1262	44	0.99
24	.	.	.	.	.	.	.	1	0.6	454	.	718	.	0.77	1	0.2	454	.	718	.	0.77
25	2	1.2	496	67.5	955	359	0.75	1	0.6	579	.	1812	.	0.93	3	0.6	523	47.9	1240	353	0.81
29	.	.	.	.	.	.	.	1	0.6	458	.	768	.	0.80	1	0.2	458	.	768	.	0.80
TOTAL/MEAN	165	100.0	254	6.0	169	12	0.85	180	100.0	258	7.0	210	21	0.87	468	100.0	235	4.5	163	10	0.89

Table 56. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1976.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	6	1.9	47	1.5	1	0	0.97	
1	4	2.9	175	35.7	62	29	0.88	3	3.7	188	45.7	90	42	1.05	13	4.1	134	19.8	42	15	0.91
2	6	4.4	115	4.3	14	2	0.88	5	6.2	119	5.4	16	2	0.97	31	9.8	112	1.8	13	1	0.89
3	17	12.5	123	2.9	17	1	0.87	9	11.1	124	2.7	17	1	0.87	33	10.5	124	1.8	17	1	0.87
4	3	2.2	158	13.7	38	8	0.95	4	4.9	153	12.3	36	8	0.95	8	2.5	156	7.4	37	5	0.95
5	5	3.7	187	7.3	61	9	0.90	4	4.9	180	14.6	58	16	0.94	14	4.4	177	5.8	53	6	0.92
6	6	4.4	177	8.9	54	7	0.94	11	13.6	202	9.1	83	10	0.97	26	8.3	192	5.1	71	5	0.97
7	14	10.3	221	8.0	104	11	0.93	5	6.2	237	6.3	122	8	0.91	24	7.6	221	5.6	104	7	0.94
8	15	11.0	238	6.4	129	9	0.94	3	3.7	246	6.1	142	8	0.95	26	8.3	233	5.3	121	7	0.93
9	8	5.9	231	6.2	123	8	1.00	7	8.6	249	10.9	148	15	0.94	23	7.3	231	5.6	122	8	0.97
10	14	10.3	257	8.1	161	16	0.91	5	6.2	255	15.3	165	29	0.96	24	7.6	267	8.0	185	17	0.92
11	11	8.1	244	8.0	130	12	0.88	4	4.9	282	22.1	202	44	0.85	18	5.7	258	9.9	160	20	0.87
12	10	7.4	245	7.6	130	16	0.84	2	2.5	277	53.0	198	107	0.83	18	5.7	251	8.7	144	17	0.85
13	9	6.6	285	21.1	237	52	0.90	6	7.4	257	10.9	155	16	0.90	16	5.1	277	13.1	211	31	0.90
14	5	3.7	268	18.3	173	34	0.86	3	3.7	279	38.5	208	69	0.88	8	2.5	272	16.8	186	31	0.87
15	1	0.7	345	.	312	.	0.76	.	.	.	.	.	.	.	3	1.0	319	47.8	320	136	0.84
16	2	1.5	371	31.5	443	128	0.84	5	6.2	342	41.9	396	113	0.85	9	2.9	349	23.1	399	64	0.86
17	2	1.5	244	7.5	132	17	0.91	.	.	.	.	.	.	.	3	1.0	271	27.8	168	38	0.84
18	2	1.5	324	57.5	339	196	0.86	1	1.2	414	.	660	.	0.93	3	1.0	354	44.9	446	156	0.89
19	1	0.7	412	.	635	.	0.91	.	.	.	.	.	.	.	2	0.6	335	77.5	379	257	0.81
20	.	.	.	.	.	.	.	2	2.5	429	71.5	775	405	0.88	2	0.6	429	71.5	775	405	0.88
21	1	0.7	394	.	600	.	0.98	2	2.5	492	45.0	1170	495	0.92	3	1.0	459	41.7	980	343	0.94
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	0.6	530	85.0	1595	755	0.98
TOTAL/MEAN	136	100.0	222	5.8	126	10	0.90	81	100.0	232	10.1	172	28	0.92	315	100.0	213	4.8	139	12	0.91

Table 57. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1977.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	MEAN	MEAN				SE	(mm)	MEAN				MEAN	SE	(mm)		MEAN	MEAN	SE
30	.	.	.	.	.	.	.	.	.	.	.	.	7	1.0	33	1	0	2.15
60	.	.	.	.	.	.	.	.	.	.	.	.	6	0.8	65	3	0	0.97
70	.	.	.	.	.	.	.	.	.	.	.	.	2	0.3	76	6	.	1.22
80	.	.	.	.	.	.	.	.	.	.	.	.	2	0.3	85	6	0	0.98
90	1	0.4	92	5	.	0.64	.	.	.	.	.	.	6	0.8	95	11	1	1.28
100	4	1.7	103	10	2	0.94	6	2.6	105	11	1	0.92	21	2.9	105	11	1	0.95
110	7	2.9	113	14	2	0.93	4	1.8	113	12	1	0.83	15	2.0	113	13	1	0.90
120	5	2.1	127	20	2	0.96	8	3.5	122	17	1	0.91	23	3.1	124	18	1	0.94
130	5	2.1	135	24	2	0.96	7	3.1	134	24	1	0.99	30	4.1	134	22	1	0.90
140	2	0.8	144	28	2	0.92	4	1.8	146	30	1	0.97	24	3.3	144	28	1	0.91
150	6	2.5	154	32	2	0.89	11	4.8	154	33	1	0.90	38	5.2	154	32	1	0.87
160	6	2.5	163	40	0	0.94	7	3.1	166	44	2	0.95	29	3.9	164	39	1	0.88
170	5	2.1	175	49	1	0.91	6	2.6	173	47	1	0.91	26	3.5	174	48	1	0.91
180	8	3.3	184	58	2	0.93	12	5.3	184	57	2	0.93	34	4.6	184	56	1	0.90
190	12	5.0	196	71	2	0.94	15	6.6	194	69	2	0.94	37	5.0	195	69	1	0.93
200	14	5.8	205	79	2	0.92	16	7.0	206	83	2	0.95	37	5.0	205	80	1	0.92
210	32	13.2	214	89	1	0.91	24	10.6	214	91	2	0.92	67	9.1	214	89	1	0.91
220	31	12.8	224	101	2	0.90	23	10.1	224	103	2	0.91	78	10.6	224	101	1	0.90
230	25	10.3	235	111	2	0.86	21	9.3	234	119	2	0.93	63	8.6	234	114	1	0.89
240	15	6.2	245	133	3	0.91	10	4.4	244	130	2	0.89	36	4.9	244	130	2	0.89
250	12	5.0	253	143	4	0.88	8	3.5	255	149	4	0.89	25	3.4	254	144	3	0.88
260	7	2.9	265	165	4	0.89	4	1.8	264	155	3	0.85	15	2.0	264	158	3	0.86
270	10	4.1	276	183	4	0.87	5	2.2	274	175	5	0.85	21	2.9	275	180	3	0.87
280	5	2.1	284	202	9	0.88	10	4.4	282	190	5	0.85	20	2.7	284	195	3	0.85
290	7	2.9	294	218	5	0.86	3	1.3	292	217	10	0.87	13	1.8	294	215	3	0.85
300	6	2.5	304	240	12	0.85	7	3.1	300	237	5	0.88	15	2.0	302	238	5	0.86
310	6	2.5	314	268	6	0.87	2	0.9	312	250	25	0.82	9	1.2	313	260	7	0.84
320	.	.	.	.	.	.	3	1.3	323	295	19	0.87	5	0.7	324	280	14	0.82
330	3	1.2	335	328	13	0.87	3	1.3	336	334	8	0.88	8	1.1	336	311	14	0.82
340	3	1.2	343	348	14	0.86	4	1.8	344	337	15	0.82	8	1.1	344	336	10	0.82
350	2	0.8	356	394	25	0.88	1	0.4	356	389	.	0.86	3	0.4	356	392	15	0.87
360	3	1.2	368	471	5	0.95	.	.	.	.	.	.	3	0.4	368	471	5	0.95
370	.	.	.	.	.	.	1	0.4	371	438	.	0.86	1	0.1	371	438	.	0.86
390	.	.	.	.	.	.	.	.	.	.	.	.	2	0.3	394	388	.	0.63
410	.	.	.	.	.	.	1	0.4	419	746	.	1.01	2	0.3	416	563	184	0.78
430	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	437	.	.	.
510	.	.	.	.	.	.	1	0.4	513	2215	.	1.64	1	0.1	513	2215	.	1.64
TOTAL/MEAN	242	100.0	225	118	5	0.90	227	100.0	218	120	11	0.91	735	100.0	207	104	4	0.90

Table 58. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1977.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	1.9	32	1.3	1	0	2.15
1	.	.	.	.	.	.	.	1	0.5	110	.	10	.	0.75	9	1.9	85	7.5	8	2	1.03
2	8	3.5	116	7.6	17	4	1.01	4	1.8	129	9.6	21	6	0.92	18	3.7	119	4.6	18	2	0.99
3	17	7.4	135	5.1	24	3	0.92	27	12.4	138	4.4	26	2	0.92	52	10.8	135	3.0	24	2	0.91
4	9	3.9	156	6.5	37	4	0.94	21	9.6	167	6.1	47	4	0.94	31	6.4	162	4.9	43	3	0.94
5	10	4.3	190	7.0	64	6	0.91	7	3.2	190	6.9	64	8	0.91	18	3.7	190	4.6	63	5	0.90
6	25	10.8	215	5.5	96	7	0.93	21	9.6	215	7.1	96	9	0.92	46	9.5	215	4.3	96	6	0.92
7	28	12.1	225	5.0	110	7	0.93	23	10.6	221	9.5	109	12	0.91	52	10.8	224	5.0	111	7	0.92
8	33	14.3	235	5.6	121	8	0.91	28	12.8	240	5.8	130	9	0.91	61	12.6	238	4.0	125	6	0.91
9	29	12.6	256	7.4	158	13	0.90	33	15.1	246	7.3	143	13	0.89	62	12.8	250	5.2	150	9	0.89
10	14	6.1	250	9.7	144	17	0.87	20	9.2	237	6.4	126	11	0.91	34	7.0	242	5.5	133	10	0.89
11	25	10.8	255	9.5	165	20	0.90	13	6.0	243	12.4	144	25	0.91	38	7.9	251	7.5	158	16	0.90
12	11	4.8	251	10.4	141	21	0.84	5	2.3	274	23.7	188	40	0.88	16	3.3	258	10.2	156	19	0.85
13	12	5.2	257	12.4	156	27	0.84	7	3.2	277	24.3	220	51	0.93	19	3.9	264	11.7	179	26	0.87
14	6	2.6	294	26.4	260	72	0.88	4	1.8	293	38.4	249	84	0.88	10	2.1	294	20.7	255	52	0.88
15	3	1.3	270	49.9	212	128	0.84	3	1.4	322	52.9	362	195	0.88	6	1.2	296	34.5	287	109	0.86
16	.	.	.	.	.	.	.	1	0.5	335	.	320	.	0.85	1	0.2	335	.	320	.	0.85
17	1	0.4	227	.	90	.	0.77	.	.	.	.	.	.	.	1	0.2	227	.	90	.	0.77
TOTAL/MEAN	231	100.0	225	3.6	119	5	0.90	218	100.0	217	3.9	112	6	0.91	483	100.0	212	2.9	110	4	0.92

Table 59. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1978.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K			
			(mm)	(g)				(mm)	(g)				(mm)	(g)				
			MEAN	MEAN	SE			MEAN	MEAN	SE			MEAN	MEAN	SE			
30	.	.	.	.	.	.	.	.	.	.	5	0.6	35	.	.	.		
50	.	.	.	.	.	.	.	.	.	.	6	0.8	58	.	.	.		
60	.	.	.	.	.	.	.	.	.	.	21	2.6	63	2	.	0.88		
70	.	.	.	.	.	.	.	.	.	.	3	0.4	74	4	.	0.84		
80	.	.	.	.	.	.	.	.	.	.	2	0.3	87	7	.	1.10		
90	.	.	.	.	.	.	.	.	.	.	11	1.4	95	9	1	0.97		
100	4	3.5	106	11	1	0.88	3	2.4	106	10	0	0.87	33	4.1	105	10	0	0.90
110	1	0.9	119	13	.	0.77	2	1.6	116	14	2	0.89	22	2.8	114	13	1	0.90
120	1	0.9	123	16	.	0.86	.	.	.	.	.	.	28	3.5	124	18	0	0.92
130	1	0.9	130	18	.	0.82	1	0.8	135	23	.	0.93	29	3.6	134	22	1	0.92
140	.	.	.	.	.	.	2	1.6	144	26	2	0.87	25	3.1	144	27	1	0.91
150	3	2.6	153	30	1	0.84	5	4.0	153	34	3	0.93	27	3.4	154	34	1	0.92
160	2	1.7	166	37	2	0.81	6	4.8	165	40	2	0.89	24	3.0	165	40	1	0.90
170	6	5.2	173	45	2	0.87	3	2.4	175	49	5	0.90	30	3.8	174	49	1	0.94
180	7	6.1	185	59	2	0.93	6	4.8	184	59	2	0.94	37	4.6	184	59	1	0.94
190	7	6.1	195	72	2	0.97	5	4.0	194	69	4	0.93	41	5.1	194	69	1	0.95
200	9	7.8	205	82	2	0.95	16	12.9	203	79	1	0.95	64	8.0	204	80	1	0.94
210	8	7.0	215	91	3	0.91	12	9.7	214	90	2	0.92	71	8.9	215	91	1	0.92
220	14	12.2	225	99	3	0.87	14	11.3	224	98	2	0.87	84	10.5	224	100	1	0.89
230	15	13.0	233	107	3	0.84	11	8.9	233	112	3	0.88	74	9.3	234	111	1	0.87
240	10	8.7	242	124	3	0.87	12	9.7	243	118	5	0.82	60	7.5	244	124	2	0.86
250	3	2.6	255	145	3	0.87	4	3.2	253	138	3	0.85	19	2.4	253	142	3	0.88
260	6	5.2	263	143	12	0.78	3	2.4	267	167	1	0.88	22	2.8	265	159	4	0.86
270	3	2.6	274	179	2	0.87	2	1.6	274	176	6	0.86	9	1.1	274	177	3	0.86
280	5	4.3	283	200	5	0.88	2	1.6	288	212	2	0.89	14	1.8	284	198	4	0.86
290	2	1.7	292	205	13	0.82	3	2.4	292	215	5	0.86	8	1.0	294	219	5	0.86
300	3	2.6	306	242	3	0.85	6	4.8	305	249	8	0.88	9	1.1	305	246	6	0.87
310	1	0.9	311	290	.	0.96	1	0.8	316	281	.	0.89	3	0.4	314	282	4	0.91
320	2	1.7	326	317	9	0.92	1	0.8	320	285	.	0.87	7	0.9	324	303	7	0.89
330	1	0.9	337	329	.	0.86	1	0.8	333	322	.	0.87	4	0.5	333	329	3	0.89
340	1	0.9	343	368	.	0.91	.	.	.	.	.	.	3	0.4	342	366	1	0.92
360	.	.	.	.	.	.	1	0.8	364	446	.	0.92	1	0.1	364	446	.	0.92
370	.	.	.	.	.	.	1	0.8	374	504	.	0.96	1	0.1	374	504	.	0.96
420	.	.	.	.	.	.	1	0.8	428	778	.	0.99	1	0.1	428	778	.	0.99
TOTAL/MEAN	115	100.0	223	111	6	0.88	124	100.0	222	116	9	0.89	799	100.0	196	89	2	0.90

Table 60. Length and weight data, by age, for Arctic charr caught by in Little Nauyuk Lake, 1978.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.3	61	.	2	.	0.88	
1	2	1.9	135	35.0	25	16	0.87	4	3.5	108	2.1	11	0	0.86	10	3.5	107	7.7	12	3	0.88
2	1	1.0	109	.	12	.	0.93	.	.	.	.	.	.	.	16	5.6	109	3.2	12	1	0.93
3	6	5.7	146	10.1	26	5	0.80	2	1.8	137	17.5	26	10	0.97	23	8.0	132	3.9	22	2	0.91
4	6	5.7	180	10.4	53	8	0.88	12	10.6	165	4.3	39	3	0.86	25	8.7	165	3.8	41	3	0.88
5	3	2.9	183	9.8	57	10	0.91	7	6.2	184	6.7	57	6	0.90	17	5.9	176	5.4	51	4	0.91
6	8	7.6	193	6.5	69	8	0.93	4	3.5	186	9.6	64	9	0.98	14	4.9	191	4.6	67	5	0.94
7	10	9.5	200	4.4	78	5	0.96	12	10.6	244	9.4	136	14	0.91	24	8.4	227	7.0	114	10	0.93
8	18	17.1	259	8.1	155	14	0.86	15	13.3	223	8.1	108	14	0.93	38	13.2	242	5.9	133	10	0.89
9	19	18.1	242	9.9	139	19	0.89	17	15.0	241	9.5	133	16	0.89	38	13.2	242	6.5	136	12	0.89
10	11	10.5	255	13.8	156	30	0.85	17	15.0	255	8.2	149	17	0.85	31	10.8	257	6.8	156	14	0.86
11	12	11.4	243	6.1	131	11	0.89	10	8.8	236	8.7	116	13	0.86	23	8.0	241	5.0	126	8	0.88
12	4	3.8	257	13.4	141	20	0.82	4	3.5	247	19.8	140	44	0.85	11	3.8	255	10.9	148	24	0.82
13	2	1.9	227	3.5	86	7	0.74	2	1.8	235	5.0	105	3	0.81	6	2.1	227	7.7	97	9	0.82
14	2	1.9	230	15.5	107	20	0.87	2	1.8	224	6.0	93	1	0.83	4	1.4	227	7.0	100	9	0.85
15	.	.	.	.	.	.	.	2	1.8	308	56.0	290	156	0.88	2	0.7	308	56.0	290	156	0.88
16	1	1.0	260	.	128	.	0.73	2	1.8	401	27.0	641	137	0.98	3	1.0	354	49.5	470	188	0.89
17	.	.	.	.	.	.	.	1	0.9	267	.	168	.	0.88	1	0.3	267	.	168	.	0.88
TOTAL/MEAN	105	100.0	225	4.7	113	7	0.88	113	100.0	224	5.1	119	10	0.89	287	100.0	209	3.6	101	5	0.89

Table 61. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1979.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	MEAN			SE	N	%	MEAN			MEAN	SE	N	%			MEAN	MEAN	SE
80	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	80	.	.	.
90	.	.	.	.	.	.	1	0.7	99	8	0.82	.	2	0.4	98	8	0	0.86
100	3	2.5	103	9	1	0.82	1	0.7	105	9	0.78	.	19	3.5	105	10	0	0.83
110	7	5.9	113	12	1	0.85	7	5.2	115	14	0.90	.	49	9.0	115	13	0	0.87
120	4	3.4	123	18	1	0.94	8	6.0	124	17	0.89	.	36	6.6	124	16	0	0.86
130	2	1.7	136	22	5	0.85	1	0.7	133	17	0.72	.	16	3.0	134	20	1	0.83
140	1	0.8	148	32	.	0.99	1	0.7	149	29	0.88	.	8	1.5	145	27	1	0.88
150	5	4.2	156	33	1	0.88	2	1.5	153	32	0.90	.	12	2.2	155	33	1	0.88
160	.	.	.	.	.	.	2	1.5	166	41	0.88	.	11	2.0	165	39	1	0.87
170	2	1.7	174	47	4	0.89	4	3.0	175	43	0.82	.	9	1.7	175	46	3	0.85
180	.	.	.	.	.	.	6	4.5	185	58	0.91	.	15	2.8	185	58	1	0.92
190	4	3.4	196	61	0	0.80	6	4.5	195	65	0.87	.	23	4.2	195	64	1	0.87
200	7	5.9	206	74	2	0.85	17	12.7	205	79	0.92	.	46	8.5	205	77	1	0.89
210	8	6.7	214	86	3	0.88	14	10.4	214	86	0.87	.	55	10.1	215	83	2	0.84
220	15	12.6	225	95	3	0.83	13	9.7	226	100	0.87	.	54	10.0	225	96	2	0.84
230	12	10.1	235	105	4	0.81	8	6.0	234	103	0.81	.	39	7.2	234	104	2	0.82
240	13	10.9	243	120	3	0.83	9	6.7	243	120	0.84	.	34	6.3	243	121	2	0.84
250	6	5.0	253	134	5	0.82	5	3.7	255	144	0.87	.	22	4.1	254	140	3	0.85
260	2	1.7	262	134	1	0.74	2	1.5	263	143	0.79	.	7	1.3	264	143	3	0.78
270	6	5.0	276	180	5	0.86	.	.	.	.	.	.	10	1.8	276	182	5	0.87
280	2	1.7	282	201	4	0.90	1	0.7	281	202	0.91	.	5	0.9	282	201	2	0.90
290	2	1.7	295	201	16	0.79	3	2.2	296	234	0.90	.	9	1.7	295	223	7	0.87
300	1	0.8	305	260	.	0.92	5	3.7	303	239	0.86	.	11	2.0	303	237	6	0.85
310	3	2.5	314	265	6	0.86	.	.	.	.	.	.	6	1.1	315	274	11	0.88
320	1	0.8	323	291	.	0.86	2	1.5	324	326	0.96	.	8	1.5	323	302	9	0.89
330	5	4.2	332	323	11	0.88	1	0.7	332	313	0.86	.	10	1.8	333	327	7	0.89
340	4	3.4	345	339	38	0.83	4	3.0	343	352	0.87	.	9	1.7	344	350	17	0.86
350	2	1.7	352	381	12	0.87	2	1.5	352	406	0.93	.	4	0.7	352	393	14	0.90
360	.	.	.	.	.	.	2	1.5	367	428	0.87	.	2	0.4	367	428	0	0.87
370	.	.	.	.	.	.	2	1.5	374	494	0.95	.	2	0.4	374	494	42	0.95
380	.	.	.	.	.	.	1	0.7	385	561	0.98	.	1	0.2	385	561	.	0.98
390	1	0.8	393	613	.	1.01	1	0.7	390	420	0.71	.	2	0.4	392	517	97	0.86
400	1	0.8	409	599	.	0.88	1	0.7	401	591	0.92	.	2	0.4	405	595	4	0.90
410	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	411	590	.	0.85
450	.	.	.	.	.	.	1	0.7	457	841	0.88	.	1	0.2	457	841	.	0.88
470	.	.	.	.	.	.	1	0.7	477	769	0.71	.	1	0.2	477	769	.	0.71
TOTAL/MEAN	119	100.0	230	130	10	0.85	134	100.0	228	137	13	0.87	542	100.0	210	107	5	0.86

Table 62. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1979.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
2	1	0.9	101	.	9	.	0.87	1	0.8	99	.	8	.	0.82	2	0.7	100	1.0	9	1	0.85
3	9	7.8	116	2.9	13	1	0.84	12	9.2	122	4.3	16	2	0.85	37	13.1	120	3.2	14	1	0.84
4	6	5.2	131	7.3	21	3	0.90	7	5.4	142	10.5	29	6	0.93	16	5.7	135	5.4	24	3	0.91
5	4	3.5	192	22.1	69	23	0.88	10	7.7	202	6.9	75	7	0.89	18	6.4	194	7.0	68	7	0.88
6	7	6.1	221	22.4	109	28	0.88	9	6.9	188	10.5	65	14	0.87	17	6.0	204	11.2	85	14	0.87
7	11	9.6	223	11.0	105	20	0.86	7	5.4	224	9.4	98	12	0.85	19	6.7	225	7.1	103	12	0.85
8	8	7.0	255	16.4	152	28	0.86	17	13.1	226	8.6	116	17	0.93	27	9.5	234	7.6	124	14	0.90
9	12	10.4	247	11.1	138	23	0.84	12	9.2	249	13.8	152	24	0.90	28	9.9	249	7.9	146	15	0.86
10	20	17.4	277	11.5	205	26	0.87	21	16.2	276	13.2	205	30	0.85	44	15.5	274	8.2	198	19	0.85
11	11	9.6	238	8.7	117	15	0.84	14	10.8	256	19.1	167	49	0.83	27	9.5	248	10.4	143	26	0.83
12	13	11.3	267	16.0	188	46	0.81	7	5.4	255	28.1	190	69	0.90	20	7.1	263	13.9	189	37	0.84
13	3	2.6	235	5.4	115	7	0.88	7	5.4	273	22.3	203	55	0.86	10	3.5	262	16.3	177	40	0.86
14	9	7.8	256	12.8	125	15	0.74	4	3.1	310	47.9	331	142	0.84	13	4.6	272	17.5	189	49	0.77
16	.	.	.	.	.	.	.	1	0.8	457	.	841	.	0.88	3	1.1	362	73.5	503	225	0.83
19	1	0.9	409	.	599	.	0.88	.	.	.	.	.	.	.	1	0.4	409	.	599	.	0.88
20	.	.	.	.	.	.	.	1	0.8	390	.	420	.	0.71	1	0.4	390	.	420	.	0.71
TOTAL/MEAN	115	100.0	233	6.1	132	10	0.85	130	100.0	229	6.5	140	13	0.88	283	100.0	224	4.3	128	8	0.86

Table 63. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1980.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT	K		N	%	LENGTH	WEIGHT	K		N	%	LENGTH	WEIGHT	K	
			(mm)	(g)					(mm)	(g)					(mm)	(g)		
			MEAN	MEAN	SE			MEAN	MEAN	SE				MEAN	MEAN	SE		
100	.	.	.	.	.	.	.	.	.	.	.	.	24	6.6	106	10	0	0.81
110	.	.	.	.	.	.	.	.	.	.	.	.	15	4.1	113	11	0	0.78
120	.	.	.	.	.	.	1	0.9	125	16	0.82	.	13	3.6	124	15	1	0.79
130	.	.	.	.	.	.	2	1.8	135	22	0.88	.	14	3.9	134	21	0	0.85
140	2	2.0	145	28	0.86	.	9	8.1	144	26	0.86	.	20	5.5	144	25	1	0.84
150	1	1.0	153	30	0.84	.	4	3.6	154	29	0.80	.	6	1.7	154	30	1	0.83
160	3	3.0	164	39	0.88	.	2	1.8	165	40	0.88	.	8	2.2	164	38	2	0.86
170	.	.	.	.	.	.	3	2.7	174	45	0.84	.	5	1.4	175	46	1	0.86
180	3	3.0	182	55	0.91	.	5	4.5	185	53	0.84	.	12	3.3	184	54	1	0.86
190	4	4.0	195	57	0.77	.	7	6.3	195	62	0.84	.	19	5.2	195	62	1	0.83
200	6	6.1	205	64	0.75	.	13	11.7	203	71	0.85	.	27	7.5	204	69	1	0.81
210	5	5.1	216	79	0.78	.	9	8.1	214	89	0.91	.	29	8.0	214	81	3	0.83
220	17	17.2	223	88	0.79	.	14	12.6	225	88	0.77	.	41	11.3	224	88	1	0.78
230	13	13.1	235	100	0.78	.	9	8.1	234	103	0.81	.	32	8.8	235	102	2	0.79
240	10	10.1	242	108	0.76	.	5	4.5	241	111	0.79	.	22	6.1	243	111	2	0.78
250	4	4.0	255	126	0.76	.	4	3.6	257	142	0.84	.	8	2.2	256	134	6	0.80
260	4	4.0	264	152	0.82	.	1	0.9	261	165	0.93	.	8	2.2	265	153	5	0.83
270	6	6.1	274	167	0.81	.	3	2.7	273	182	0.89	.	9	2.5	274	172	5	0.84
280	5	5.1	282	183	0.81	.	1	0.9	286	183	0.78	.	7	1.9	284	186	6	0.81
290	1	1.0	294	205	0.81	.	1	0.9	296	215	0.83	.	2	0.6	295	210	5	0.82
300	2	2.0	304	213	0.76	.	.	.	.	.	.	.	2	0.6	304	213	18	0.76
310	5	5.1	313	259	0.84	.	.	.	.	.	.	.	9	2.5	314	263	4	0.85
320	3	3.0	323	279	0.83	.	2	1.8	322	264	0.79	.	6	1.7	323	281	9	0.84
330	1	1.0	332	322	0.88	.	5	4.5	333	318	0.86	.	8	2.2	333	322	7	0.87
340	2	2.0	345	362	0.88	.	1	0.9	345	372	0.91	.	3	0.8	345	365	29	0.89
350	1	1.0	354	443	1.00	.	2	1.8	356	386	0.86	.	3	0.8	355	405	20	0.90
360	1	1.0	369	443	0.88	.	1	0.9	360	444	0.95	.	2	0.6	365	444	1	0.92
390	.	.	.	.	.	.	1	0.9	391	519	0.87	.	2	0.6	391	534	15	0.89
400	.	.	.	.	.	.	3	2.7	406	620	0.92	.	3	0.8	406	620	42	0.92
410	.	.	.	.	.	.	1	0.9	410	642	0.93	.	1	0.3	410	642	.	0.93
420	.	.	.	.	.	.	1	0.9	422	674	0.90	.	1	0.3	422	674	.	0.90
430	.	.	.	.	.	.	1	0.9	431	670	0.84	.	1	0.3	431	670	.	0.84
TOTAL/MEAN	99	100.0	244	132	9	0.80	111	100.0	232	141	15	0.84	362	100.0	212	107	6	0.82

Table 64. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1980.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
3	.	.	.	.	.	.	2	4.9	143	2.5	24	1	0.81	15	12.6	115	3.4	13	1	0.83	
4	1	3.3	148	.	28	.	0.86	3	7.3	173	22.5	48	20	0.82	11	9.2	144	8.3	28	6	0.85
5	.	.	.	.	.	.	.	1	2.4	186	.	48	.	0.75	3	2.5	199	23.5	67	26	0.77
6	5	16.7	204	6.4	68	8	0.79	4	9.8	210	26.4	86	33	0.83	12	10.1	202	9.3	72	11	0.82
7	1	3.3	180	.	57	.	0.98	2	4.9	232	44.5	130	77	0.90	6	5.0	205	15.3	84	25	0.87
8	3	10.0	253	17.2	135	29	0.81	4	9.8	197	4.4	64	4	0.83	9	7.6	218	10.5	89	14	0.82
9	3	10.0	228	7.5	96	10	0.81	7	17.1	221	4.4	88	7	0.81	15	12.6	228	3.8	98	6	0.82
10	4	13.3	291	20.2	224	43	0.87	4	9.8	220	9.2	87	11	0.80	10	8.4	270	16.3	186	33	0.85
11	3	10.0	281	8.1	177	14	0.80	6	14.6	260	32.8	219	66	0.84	14	11.8	270	18.0	213	41	0.84
12	3	10.0	239	2.4	99	2	0.72	2	4.9	230	1.0	86	2	0.71	10	8.4	241	8.9	113	19	0.76
13	2	6.7	247	15.0	119	26	0.77	1	2.4	407	.	687	.	1.02	3	2.5	300	54.0	308	190	0.85
14	1	3.3	343	.	312	.	0.77	.	.	.	.	.	.	.	1	0.8	343	.	312	.	0.77
15	2	6.7	192	50.5	94	.	0.66	2	4.9	398	6.5	532	13	0.85	4	3.4	295	63.0	386	146	0.79
16	.	.	.	.	.	.	.	1	2.4	408	.	629	.	0.93	2	1.7	328	80.0	363	266	0.78
17	2	6.7	273	48.0	188	92	0.84	2	4.9	421	10.5	656	14	0.88	4	3.4	347	47.1	422	140	0.86
TOTAL/MEAN	30	100.0	243	9.0	133	15	0.80	41	100.0	243	12.9	176	32	0.83	119	100.0	221	7.0	127	14	0.83

Table 65. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1981.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
MEAN	MEAN	SE	MEAN	MEAN	SE	MEAN	MEAN	SE	MEAN	MEAN	SE	MEAN	MEAN	SE				
90	.	.	.	.	.	.	1	0.6	98	9	.	0.96	6	1.2	98	9	0	0.90
100	1	0.7	105	9	.	0.78	1	0.6	100	9	.	0.90	20	4.0	104	10	0	0.88
110	3	2.0	114	12	1	0.82	5	3.1	115	13	0	0.84	28	5.6	114	13	0	0.86
120	1	0.7	121	15	.	0.85	1	0.6	126	16	.	0.80	12	2.4	124	16	1	0.85
130	2	1.4	133	24	4	1.01	3	1.9	135	24	1	0.97	19	3.8	133	21	1	0.90
140	2	1.4	143	24	2	0.81	5	3.1	144	28	1	0.94	17	3.4	145	27	1	0.88
150	3	2.0	152	33	2	0.93	3	1.9	154	35	3	0.96	10	2.0	155	35	1	0.95
160	.	.	.	.	.	.	1	0.6	161	37	.	0.89	6	1.2	165	41	1	0.92
170	2	1.4	175	49	2	0.91	6	3.8	175	51	1	0.94	14	2.8	175	49	1	0.93
180	5	3.4	184	62	1	0.99	3	1.9	186	62	2	0.96	13	2.6	185	61	1	0.97
190	9	6.1	195	67	2	0.91	8	5.0	195	69	2	0.92	21	4.2	195	68	1	0.92
200	7	4.7	205	77	2	0.89	10	6.3	205	80	1	0.94	22	4.4	205	80	1	0.93
210	9	6.1	213	86	2	0.89	13	8.2	215	93	2	0.94	30	6.0	215	92	1	0.93
220	26	17.6	224	101	2	0.89	16	10.1	225	102	2	0.90	66	13.2	225	103	1	0.91
230	11	7.4	234	114	4	0.88	15	9.4	233	119	3	0.94	37	7.4	234	117	2	0.92
240	11	7.4	244	126	4	0.86	13	8.2	245	129	3	0.88	35	7.0	245	129	2	0.88
250	10	6.8	255	143	5	0.86	4	2.5	256	143	6	0.85	24	4.8	255	145	3	0.87
260	5	3.4	263	150	6	0.83	7	4.4	265	161	5	0.87	18	3.6	264	159	3	0.86
270	9	6.1	273	174	5	0.86	3	1.9	277	188	12	0.89	16	3.2	275	179	4	0.86
280	4	2.7	282	193	4	0.86	.	.	.	.	.	.	11	2.2	284	200	5	0.87
290	3	2.0	297	213	24	0.81	3	1.9	293	236	4	0.94	6	1.2	295	225	12	0.88
300	2	1.4	306	267	11	0.94	.	.	.	.	.	.	2	0.4	306	267	11	0.94
310	3	2.0	314	273	9	0.88	.	.	.	.	.	.	4	0.8	314	273	6	0.88
320	.	.	.	.	.	.	3	1.9	329	283	14	0.80	4	0.8	327	282	10	0.81
330	3	2.0	336	322	18	0.85	4	2.5	336	323	10	0.85	7	1.4	336	323	9	0.85
340	2	1.4	343	357	7	0.89	2	1.3	340	347	8	0.88	4	0.8	341	352	5	0.89
350	6	4.1	354	381	7	0.86	6	3.8	353	404	7	0.92	15	3.0	354	390	5	0.88
360	3	2.0	364	412	3	0.85	3	1.9	364	440	5	0.91	6	1.2	364	426	7	0.88
370	3	2.0	372	469	33	0.91	4	2.5	375	477	28	0.91	7	1.4	373	473	20	0.91
380	1	0.7	389	424	.	0.72	2	1.3	388	546	42	0.94	3	0.6	388	505	47	0.86
390	2	1.4	396	589	12	0.95	4	2.5	397	522	20	0.84	6	1.2	396	544	19	0.87
400	.	.	.	.	.	.	2	1.3	404	635	26	0.96	2	0.4	404	635	26	0.96
410	.	.	.	.	.	.	3	1.9	413	593	16	0.84	3	0.6	413	593	16	0.84
420	.	.	.	.	.	.	2	1.3	424	703	20	0.92	2	0.4	424	703	20	0.92
430	.	.	.	.	.	.	3	1.9	434	737	84	0.90	3	0.6	434	737	84	0.90
TOTAL/MEAN	148	100.0	244	152	10	0.88	159	100.0	250	188	15	0.91	499	100.0	224	136	6	0.90

Table 66. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1981.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
2	2	1.4	113	8.0	12	3	0.81	2	1.3	99	1.0	9	0	0.93	11	3.4	105	2.0	10	1	0.87
3	4	2.8	118	4.3	14	2	0.85	5	3.2	115	1.3	13	0	0.84	23	7.1	117	1.8	13	1	0.83
4	3	2.1	140	2.3	25	2	0.91	12	7.8	146	5.3	31	4	0.93	19	5.8	144	3.6	29	3	0.92
5	3	2.1	152	0.9	33	2	0.93	7	4.5	174	4.4	50	4	0.94	10	3.1	167	4.4	45	4	0.94
6	12	8.3	200	5.9	74	5	0.91	5	3.2	203	9.9	86	13	0.99	19	5.8	197	5.1	74	5	0.93
7	27	18.8	236	6.1	122	9	0.88	30	19.5	235	5.5	118	8	0.88	57	17.5	236	4.1	120	6	0.88
8	18	12.5	255	8.7	158	15	0.91	10	6.5	227	11.2	116	16	0.94	28	8.6	245	7.2	143	12	0.92
9	18	12.5	243	10.3	142	27	0.89	10	6.5	226	12.4	113	22	0.92	28	8.6	237	8.0	132	19	0.90
10	21	14.6	248	11.6	148	23	0.87	19	12.3	259	14.0	182	31	0.91	40	12.3	253	8.9	164	19	0.89
11	10	6.9	285	14.9	202	34	0.80	20	13.0	279	13.1	220	31	0.90	30	9.2	281	9.9	214	23	0.87
12	14	9.7	299	17.5	267	43	0.87	15	9.7	302	17.1	284	46	0.91	29	8.9	301	12.0	276	31	0.89
13	6	4.2	348	22.1	387	62	0.87	5	3.2	379	11.2	489	47	0.89	11	3.4	362	13.4	433	41	0.88
14	5	3.5	265	26.9	178	57	0.88	8	5.2	387	23.4	564	74	0.90	13	4.0	340	24.2	415	73	0.89
15	1	0.7	276	.	195	.	0.93	2	1.3	320	90.5	341	222	0.90	3	0.9	305	54.2	292	137	0.91
16	.	.	.	.	.	.	.	1	0.6	424	.	683	.	0.90	1	0.3	424	.	683	.	0.90
18	.	.	.	.	.	.	.	1	0.6	435	.	840	.	1.02	1	0.3	435	.	840	.	1.02
19	.	.	.	.	.	.	.	1	0.6	378	.	458	.	0.85	1	0.3	378	.	458	.	0.85
23	.	.	.	.	.	.	.	1	0.6	432	.	570	.	0.71	1	0.3	432	.	570	.	0.71
TOTAL/MEAN	144	100.0	245	5.2	154	10	0.88	154	100.0	251	6.7	191	15	0.91	325	100.0	237	4.4	160	9	0.89

Table 67. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1982.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
80	.	.	.	.	.	.	.	.	.	.	.	1	0.2	88	7	.	1.03	
90	.	.	.	.	.	.	.	.	.	.	.	2	0.3	96	8	0	0.92	
100	1	1.0	107	10	.	0.82	.	.	.	.	.	21	3.5	105	10	0	0.88	
110	.	.	.	.	.	.	1	0.9	111	12	.	0.88	26	4.3	115	13	0	0.85
120	1	1.0	122	19	.	1.05	1	0.9	122	16	.	0.88	14	2.3	124	16	1	0.84
130	.	.	.	.	.	.	3	2.8	132	20	1	0.85	15	2.5	133	21	0	0.87
140	.	.	.	.	.	.	3	2.8	144	27	2	0.91	10	1.7	146	28	1	0.89
150	1	1.0	154	37	.	1.01	1	0.9	156	34	.	0.90	12	2.0	153	33	1	0.91
160	1	1.0	168	47	.	0.99	.	.	.	.	.	.	7	1.2	165	43	1	0.95
170	2	2.1	175	50	1	0.94	6	5.7	175	51	2	0.94	21	3.5	175	52	1	0.97
180	.	.	.	.	.	.	5	4.7	183	58	2	0.95	18	3.0	184	60	1	0.96
190	3	3.1	195	72	3	0.97	8	7.5	195	71	2	0.96	28	4.7	194	72	1	0.98
200	2	2.1	204	79	13	0.92	4	3.8	203	82	3	0.98	24	4.0	204	82	1	0.96
210	7	7.3	212	90	2	0.95	3	2.8	216	98	4	0.97	28	4.7	214	92	1	0.94
220	8	8.3	222	103	2	0.94	8	7.5	225	107	2	0.94	38	6.3	224	106	1	0.94
230	4	4.2	236	121	3	0.93	4	3.8	236	123	6	0.93	48	8.0	235	120	1	0.93
240	2	2.1	244	134	4	0.93	6	5.7	244	135	3	0.93	42	7.0	244	132	1	0.91
250	3	3.1	253	137	8	0.84	12	11.3	255	151	2	0.91	30	5.0	255	150	2	0.91
260	2	2.1	267	169	1	0.89	5	4.7	267	172	4	0.91	21	3.5	265	165	3	0.89
270	4	4.2	275	203	25	0.98	2	1.9	275	199	8	0.96	16	2.7	274	189	7	0.92
280	6	6.3	285	205	7	0.89	5	4.7	284	201	3	0.87	25	4.2	285	204	3	0.88
290	6	6.3	295	231	6	0.90	5	4.7	293	219	8	0.87	30	5.0	294	226	3	0.89
300	9	9.4	304	258	9	0.92	5	4.7	306	256	13	0.89	22	3.7	304	254	5	0.90
310	9	9.4	315	266	6	0.85	2	1.9	316	265	12	0.84	25	4.2	314	264	4	0.85
320	7	7.3	325	288	13	0.84	7	6.6	323	302	6	0.89	22	3.7	324	291	6	0.86
330	3	3.1	335	331	14	0.88	2	1.9	334	329	13	0.88	14	2.3	336	318	15	0.84
340	3	3.1	341	360	6	0.91	2	1.9	343	349	6	0.87	10	1.7	345	352	3	0.86
350	2	2.1	356	392	15	0.87	.	.	.	.	.	.	4	0.7	356	416	16	0.92
360	1	1.0	368	452	.	0.91	2	1.9	364	415	5	0.86	7	1.2	365	414	12	0.85
370	3	3.1	373	466	15	0.90	.	.	.	.	.	.	6	1.0	374	470	18	0.90
380	1	1.0	380	446	.	0.81	1	0.9	383	494	.	0.88	2	0.3	382	470	24	0.85
390	2	2.1	393	576	33	0.95	.	.	.	.	.	.	5	0.8	394	573	14	0.93
400	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	400	593	.	0.93
410	3	3.1	411	638	24	0.92	.	.	.	.	.	.	4	0.7	413	633	18	0.90
420	.	.	.	.	.	.	1	0.9	421	637	.	0.85	1	0.2	421	637	.	0.85
460	.	.	.	.	.	.	2	1.9	462	985	48	1.00	2	0.3	462	985	48	1.00
TOTAL/MEAN	96	100.0	281	228	15	0.91	106	100.0	250	175	15	0.92	602	100.0	237	154	5	0.91

Table 68. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1982.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		N	%	LENGTH (mm)		WEIGHT (g)		K	
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE			MEAN	SE	MEAN	SE		
2	1	1.7	107	.	10	.	0.82	2	2.7	117	5.5	14	2	0.88	10	6.9	112	2.4	13	1	0.88
3	1	1.7	122	.	19	.	1.05	3	4.0	132	1.5	20	1	0.85	8	5.5	127	1.9	18	1	0.87
4	.	.	.	.	.	.	.	5	6.7	153	7.0	34	5	0.91	5	3.4	153	7.0	34	5	0.91
5	4	6.9	171	8.1	50	6	0.99	5	6.7	184	4.1	59	5	0.95	9	6.2	178	4.5	55	4	0.97
6	5	8.6	212	4.4	91	6	0.95	6	8.0	214	14.8	104	21	1.00	11	7.6	213	7.9	98	11	0.98
7	2	3.4	300	18.5	227	31	0.84	9	12.0	218	13.3	100	17	0.92	12	8.3	238	14.7	132	21	0.90
8	16	27.6	297	9.7	231	19	0.85	8	10.7	273	17.4	191	30	0.89	24	16.6	289	8.8	218	16	0.86
9	11	19.0	310	13.0	281	31	0.90	12	16.0	260	12.8	172	26	0.92	23	15.9	284	10.4	224	23	0.91
10	3	5.2	251	12.5	140	21	0.87	3	4.0	261	4.2	160	12	0.90	6	4.1	256	6.3	150	12	0.89
11	3	5.2	271	28.1	195	60	0.92	5	6.7	254	11.5	157	19	0.95	8	5.5	260	11.9	172	24	0.94
12	5	8.6	390	9.0	520	42	0.87	5	6.7	296	32.5	267	69	0.93	10	6.9	343	22.3	394	57	0.90
13	1	1.7	394	.	543	.	0.89	2	2.7	320	63.5	325	170	0.90	3	2.1	344	44.3	397	122	0.90
14	3	5.2	315	34.2	264	98	0.77	3	4.0	249	10.9	146	16	0.94	6	4.1	282	21.8	205	51	0.85
15	.	.	.	.	.	.	.	3	4.0	330	67.2	426	256	0.94	3	2.1	330	67.2	426	256	0.94
16	3	5.2	245	6.4	128	7	0.87	3	4.0	319	55.8	334	158	0.88	6	4.1	282	30.0	231	84	0.87
28	.	.	.	.	.	.	.	1	1.3	460	.	1033	.	1.06	1	0.7	460	.	1033	.	1.06
TOTAL/MEAN	58	100.0	282	9.2	228	19	0.88	75	100.0	242	8.5	169	21	0.92	145	100.0	249	6.7	181	14	0.90

Table 69. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1983.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
90	.	.	.	.	.	.	.	.	.	.	.	1	0.1	97	.	.	.	
100	7	6.7	107	10	0	0.83	5	3.7	105	10	0	0.86	46	6.4	106	10	0	0.83
110	8	7.7	115	13	0	0.82	9	6.7	115	12	0	0.80	53	7.4	114	12	0	0.81
120	5	4.8	123	16	1	0.84	8	5.9	124	16	1	0.81	31	4.3	124	16	0	0.82
130	4	3.8	134	21	1	0.86	4	3.0	135	21	1	0.85	25	3.5	135	20	0	0.84
140	4	3.8	143	24	1	0.81	4	3.0	147	27	1	0.83	20	2.8	144	25	1	0.84
150	2	1.9	154	30	0	0.83	3	2.2	151	30	1	0.86	16	2.2	153	30	1	0.82
160	2	1.9	166	41	2	0.90	4	3.0	168	41	1	0.86	17	2.4	165	39	1	0.87
170	2	1.9	176	51	2	0.93	7	5.2	175	49	1	0.92	27	3.8	175	48	1	0.90
180	3	2.9	183	55	3	0.89	7	5.2	184	54	1	0.88	45	6.3	184	56	1	0.90
190	10	9.6	195	67	1	0.91	12	8.9	195	74	9	0.99	59	8.2	194	67	2	0.92
200	5	4.8	203	75	3	0.89	16	11.9	203	76	1	0.91	48	6.7	203	75	1	0.90
210	8	7.7	213	86	2	0.89	11	8.1	214	92	2	0.94	53	7.4	214	88	1	0.90
220	6	5.8	225	100	3	0.89	11	8.1	224	103	3	0.92	45	6.3	225	103	1	0.90
230	7	6.7	234	121	2	0.94	6	4.4	236	120	2	0.91	47	6.5	235	119	1	0.92
240	5	4.8	244	132	2	0.91	4	3.0	245	130	3	0.89	34	4.7	244	131	2	0.90
250	5	4.8	257	151	12	0.89	1	0.7	254	147	.	0.90	32	4.5	254	147	2	0.89
260	4	3.8	263	160	3	0.88	2	1.5	265	161	11	0.86	18	2.5	265	169	3	0.91
270	1	1.0	273	178	.	0.87	2	1.5	275	182	8	0.87	12	1.7	274	186	5	0.90
280	1	1.0	289	235	.	0.97	1	0.7	284	203	.	0.89	9	1.3	285	212	6	0.91
290	1	1.0	294	225	.	0.89	2	1.5	292	234	34	0.94	8	1.1	294	233	7	0.91
300	.	.	.	.	.	.	1	0.7	301	266	.	0.98	5	0.7	302	248	9	0.89
310	2	1.9	314	280	1	0.90	.	.	.	.	.	.	10	1.4	315	281	5	0.90
320	.	.	.	.	.	.	1	0.7	326	315	.	0.91	9	1.3	325	307	9	0.90
330	2	1.9	335	348	21	0.92	4	3.0	331	282	51	0.78	12	1.7	334	324	20	0.87
340	1	1.0	346	391	.	0.94	.	.	.	.	.	.	6	0.8	345	377	14	0.91
350	2	1.9	355	382	1	0.85	.	.	.	.	.	.	8	1.1	354	342	29	0.77
360	3	2.9	363	460	19	0.96	1	0.7	366	495	.	1.01	5	0.7	365	464	14	0.95
370	1	1.0	379	463	.	0.85	2	1.5	371	416	3	0.81	3	0.4	374	432	16	0.83
380	2	1.9	385	470	23	0.83	.	.	.	.	.	.	3	0.4	383	483	19	0.86
390	.	.	.	.	.	.	1	0.7	393	552	.	0.91	2	0.3	392	561	9	0.93
400	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	406	640	.	0.96
410	1	1.0	411	551	.	0.79	2	1.5	415	666	16	0.94	3	0.4	413	627	39	0.89
430	.	.	.	.	.	.	2	1.5	433	785	12	0.97	3	0.4	434	739	46	0.91
440	.	.	.	.	.	.	1	0.7	445	847	.	0.96	1	0.1	445	847	.	0.96
450	.	.	.	.	.	.	1	0.7	457	768	.	0.80	1	0.1	457	768	.	0.80
TOTAL/MEAN	104	100.0	212	120	13	0.88	135	100.0	210	123	14	0.89	718	100.0	206	107	4	0.88

Table 70. Length and weight data, by age, for Arctic charr caught in Little Nauyuk Lake, 1983.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
1	.	.	.	.	.	.	.	2	1.5	120	6.5	14	3	0.78	2	0.8	120	6.5	14	3	0.78
2	17	16.5	113	1.6	12	1	0.83	15	11.1	112	1.6	12	0	0.82	34	14.2	113	1.1	12	0	0.82
3	9	8.7	131	3.1	19	1	0.84	13	9.6	137	3.6	22	2	0.85	22	9.2	135	2.5	21	1	0.85
4	3	2.9	148	4.4	26	2	0.78	7	5.2	162	6.6	37	5	0.84	10	4.2	158	5.1	34	4	0.82
5	9	8.7	185	7.3	59	7	0.89	13	9.6	187	4.5	60	4	0.90	22	9.2	187	3.9	60	4	0.90
6	14	13.6	215	6.8	92	9	0.89	14	10.4	203	3.5	84	8	1.00	28	11.7	209	3.9	88	6	0.95
7	18	17.5	215	5.7	95	8	0.92	20	14.8	206	4.8	82	6	0.91	38	15.8	210	3.7	88	5	0.92
8	8	7.8	249	14.8	146	27	0.88	10	7.4	219	9.1	105	19	0.93	18	7.5	232	8.8	123	16	0.90
9	3	2.9	310	47.1	319	113	0.94	9	6.7	265	22.8	180	51	0.86	12	5.0	276	20.5	215	48	0.88
10	5	4.9	329	18.7	328	49	0.88	9	6.7	290	28.7	289	80	0.93	14	5.8	304	19.8	303	53	0.91
11	4	3.9	246	7.0	137	9	0.91	4	3.0	279	32.1	212	70	0.90	8	3.3	263	16.4	174	36	0.91
12	3	2.9	247	21.0	141	47	0.87	8	5.9	269	19.3	190	41	0.89	11	4.6	263	15.0	177	32	0.88
13	6	5.8	342	27.0	374	67	0.89	.	.	.	.	.	.	.	6	2.5	342	27.0	374	67	0.89
14	.	.	.	.	.	.	.	5	3.7	355	46.5	514	162	0.93	5	2.1	355	46.5	514	162	0.93
15	2	1.9	285	28.5	203	76	0.83	2	1.5	234	6.5	115	6	0.90	4	1.7	259	19.0	159	40	0.87
16	2	1.9	371	9.5	468	21	0.93	2	1.5	354	64.0	425	225	0.86	4	1.7	362	26.8	447	93	0.89
17	.	.	.	.	.	.	.	1	0.7	262	.	150	.	0.83	1	0.4	262	.	150	.	0.83
19	.	.	.	.	.	.	.	1	0.7	457	.	768	.	0.80	1	0.4	457	.	768	.	0.80
TOTAL/MEAN	103	100.0	211	7.6	120	13	0.88	135	100.0	210	6.7	123	14	0.89	240	100.0	210	5.0	120	10	0.89

Table 71. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1984.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K			
			(mm)	(g)				(mm)	(g)				(mm)	(g)				
		MEAN	MEAN	SE			MEAN	MEAN	SE			MEAN	MEAN	SE				
90	.	.	.	.	.	.	.	.	.	.	30	1.9	97	8	0	0.92		
100	.	.	.	.	.	.	.	.	.	.	133	8.5	104	10	0	0.87		
110	.	.	.	.	.	1	1.0	111	14	.	81	5.2	114	13	0	0.85		
120	6	4.7	126	16	0	0.81	4	3.9	128	19	1	0.88	81	5.2	124	16	0	0.85
130	5	3.9	135	21	1	0.86	5	4.9	135	20	1	0.84	69	4.4	134	21	0	0.86
140	4	3.1	145	25	1	0.84	3	2.9	144	26	1	0.87	48	3.1	144	26	0	0.87
150	2	1.6	155	30	0	0.81	1	1.0	158	34	.	0.86	42	2.7	154	32	0	0.88
160	3	2.4	165	39	2	0.88	3	2.9	165	38	2	0.85	39	2.5	164	40	1	0.89
170	4	3.1	175	47	3	0.88	5	4.9	174	48	1	0.90	55	3.5	175	49	1	0.91
180	3	2.4	184	57	2	0.92	10	9.7	185	55	1	0.86	87	5.5	185	57	0	0.90
190	12	9.4	196	65	2	0.87	9	8.7	194	64	2	0.89	116	7.4	194	65	1	0.88
200	10	7.9	204	72	2	0.85	7	6.8	205	79	2	0.92	132	8.4	204	76	1	0.89
210	11	8.7	215	80	3	0.81	9	8.7	216	90	2	0.89	104	6.6	215	86	1	0.88
220	8	6.3	226	89	5	0.77	9	8.7	226	99	4	0.85	106	6.7	225	98	1	0.86
230	10	7.9	234	109	3	0.85	9	8.7	234	109	2	0.86	88	5.6	234	108	1	0.84
240	11	8.7	245	121	5	0.82	3	2.9	246	125	6	0.84	87	5.5	245	122	1	0.83
250	3	2.4	253	142	9	0.87	4	3.9	256	135	5	0.81	53	3.4	254	135	2	0.83
260	5	3.9	264	154	3	0.83	4	3.9	262	156	4	0.87	38	2.4	264	153	2	0.83
270	6	4.7	274	171	9	0.83	3	2.9	272	156	8	0.78	25	1.6	274	174	4	0.84
280	1	0.8	282	182	.	0.81	1	1.0	281	226	.	1.02	10	0.6	283	192	9	0.85
290	2	1.6	292	222	5	0.89	.	.	.	.	.	.	20	1.3	294	217	4	0.85
300	2	1.6	305	194	38	0.68	.	.	.	.	.	.	11	0.7	305	237	9	0.84
310	4	3.1	313	247	5	0.81	1	1.0	319	268	.	0.82	15	1.0	313	252	9	0.82
320	1	0.8	327	326	.	0.93	1	1.0	325	349	.	1.02	11	0.7	325	306	7	0.89
330	.	.	.	.	.	.	2	1.9	336	349	2	0.92	12	0.8	335	334	5	0.89
340	3	2.4	347	376	19	0.90	.	.	.	.	.	.	10	0.6	344	353	10	0.87
350	.	.	.	.	.	.	.	.	.	.	.	.	9	0.6	355	402	10	0.90
360	3	2.4	363	376	14	0.79	1	1.0	363	426	.	0.89	14	0.9	364	421	9	0.88
370	2	1.6	377	437	18	0.82	.	.	.	.	.	.	8	0.5	373	454	22	0.87
380	2	1.6	381	368	122	0.67	.	.	.	.	.	.	4	0.3	383	450	69	0.80
390	2	1.6	393	469	4	0.77	1	1.0	396	626	.	1.01	8	0.5	395	526	19	0.86
400	.	.	.	.	.	.	1	1.0	406	496	.	0.74	8	0.5	404	565	19	0.86
410	.	.	.	.	.	.	1	1.0	416	667	.	0.93	3	0.2	415	624	61	0.88
420	1	0.8	422	749	.	1.00	2	1.9	425	702	10	0.91	6	0.4	424	734	11	0.96
430	1	0.8	430	654	.	0.82	2	1.9	435	749	13	0.91	6	0.4	433	755	34	0.93
440	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	440	849	.	1.00
450	.	.	.	.	.	.	1	1.0	456	834	.	0.88	2	0.1	454	831	3	0.89
TOTAL/MEAN	128	100.0	234	134	11	0.83	103	100.0	227	141	17	0.87	1573	100.0	199	97	3	0.87

Table 72. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1985.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
90	.	.	.	.	.	.	.	.	.	.	.	.	36	5.2	96	9	0	1.00
100	.	.	.	.	.	.	.	.	.	.	.	.	109	15.8	104	11	0	0.94
110	.	.	.	.	.	.	.	.	.	.	.	.	51	7.4	114	14	0	0.93
120	.	.	.	.	.	.	.	.	.	.	.	.	42	6.1	124	18	1	0.92
130	.	.	.	.	.	.	.	.	.	.	.	.	29	4.2	134	22	1	0.90
140	.	.	.	.	.	.	.	.	.	.	.	.	41	5.9	145	28	1	0.93
150	.	.	.	.	.	.	1	2.4	156	46	.	1.21	21	3.0	155	34	1	0.92
160	.	.	.	.	.	.	1	2.4	165	44	.	0.98	18	2.6	164	39	1	0.89
170	1	2.2	177	54	.	0.97	.	.	.	.	.	.	16	2.3	173	48	1	0.91
180	2	4.3	188	61	2	0.92	3	7.1	186	56	1	0.87	36	5.2	185	57	1	0.90
190	2	4.3	197	67	1	0.88	5	11.9	194	64	3	0.89	46	6.7	195	65	1	0.89
200	5	10.9	204	71	2	0.85	3	7.1	203	70	4	0.84	49	7.1	204	74	1	0.87
210	4	8.7	217	87	3	0.86	4	9.5	215	88	7	0.89	45	6.5	215	85	1	0.86
220	2	4.3	223	81	2	0.74	2	4.8	224	94	9	0.83	39	5.6	224	95	2	0.84
230	2	4.3	235	89	3	0.69	1	2.4	239	121	.	0.89	22	3.2	235	107	3	0.82
240	3	6.5	242	111	9	0.78	3	7.1	246	127	7	0.86	23	3.3	243	115	4	0.80
250	6	13.0	252	115	8	0.72	3	7.1	255	136	12	0.82	15	2.2	253	118	5	0.73
260	1	2.2	267	150	.	0.79	1	2.4	262	155	.	0.86	11	1.6	264	151	4	0.82
270	2	4.3	272	152	8	0.75	.	.	.	.	.	.	7	1.0	273	162	5	0.80
280	1	2.2	283	186	.	0.82	2	4.8	287	188	8	0.80	3	0.4	285	187	4	0.81
290	2	4.3	294	221	6	0.87	.	.	.	.	.	.	5	0.7	294	189	14	0.75
300	1	2.2	308	275	.	0.94	.	.	.	.	.	.	2	0.3	306	260	16	0.91
310	1	2.2	314	275	.	0.89	.	.	.	.	.	.	1	0.1	314	275	.	0.89
320	1	2.2	329	360	.	1.01	.	.	.	.	.	.	1	0.1	329	360	.	1.01
330	1	2.2	337	200	.	0.52	1	2.4	330	285	.	0.79	2	0.3	334	243	43	0.66
340	1	2.2	340	275	.	0.70	.	.	.	.	.	.	1	0.1	340	275	.	0.70
350	1	2.2	357	427	.	0.94	1	2.4	352	325	.	0.75	2	0.3	355	376	51	0.84
360	1	2.2	369	420	.	0.84	1	2.4	363	445	.	0.93	2	0.3	366	433	13	0.88
370	2	4.3	371	415	10	0.81	.	.	.	.	.	.	2	0.3	371	415	10	0.81
380	1	2.2	385	480	.	0.84	.	.	.	.	.	.	1	0.1	385	480	.	0.84
400	1	2.2	401	621	.	0.96	1	2.4	400	595	.	0.93	2	0.3	401	608	13	0.95
410	1	2.2	419	720	.	0.98	2	4.8	416	647	2	0.90	3	0.4	417	671	25	0.93
420	1	2.2	426	855	.	1.11	1	2.4	423	695	.	0.92	2	0.3	425	775	80	1.01
430	.	.	.	.	.	.	2	4.8	432	705	15	0.88	2	0.3	432	705	15	0.88
450	.	.	.	.	.	.	2	4.8	453	778	38	0.84	2	0.3	453	778	38	0.84
460	.	.	.	.	.	.	1	2.4	463	790	.	0.80	1	0.1	463	790	.	0.80
480	.	.	.	.	.	.	1	2.4	485	1030	.	0.90	1	0.1	485	1030	.	0.90
TOTAL/MEAN	46	100.0	269	200	27	0.82	42	100.0	280	267	44	0.87	691	100.0	175	87	5	0.88

Table 73. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Little Nauyuk Lake, 1988.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH	WEIGHT	K				LENGTH	WEIGHT	K				LENGTH	WEIGHT	K	
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE	
90	.	.	.	.	.	.	.	.	.	.	.	.	8	1.5	97	8	0	0.87
100	1	1.9	104	9	.	0.80	5	9.3	106	10	0	0.81	35	6.4	104	9	0	0.80
110	.	.	.	.	.	.	5	9.3	114	12	0	0.85	35	6.4	114	12	0	0.81
120	.	.	.	.	.	.	1	1.9	120	15	.	0.87	13	2.4	124	16	1	0.82
130	1	1.9	138	22	.	0.84	.	.	.	.	.	.	13	2.4	135	21	0	0.87
140	4	7.4	142	24	1	0.82	.	.	.	.	.	.	22	4.0	145	26	1	0.85
150	1	1.9	156	33	.	0.87	1	1.9	153	30	.	0.84	9	1.6	155	34	1	0.90
160	1	1.9	164	40	.	0.91	4	7.4	164	41	3	0.91	22	4.0	165	46	6	1.03
170	.	.	.	.	.	.	1	1.9	176	46	.	0.84	11	2.0	173	46	1	0.88
180	2	3.7	188	59	3	0.90	3	5.6	182	54	2	0.91	24	4.4	184	56	1	0.89
190	5	9.3	193	67	3	0.92	4	7.4	194	67	1	0.92	42	7.7	194	65	1	0.89
200	7	13.0	203	73	2	0.87	1	1.9	200	75	.	0.94	46	8.4	204	79	4	0.93
210	3	5.6	215	88	4	0.89	3	5.6	213	88	6	0.90	37	6.8	214	87	1	0.88
220	6	11.1	227	102	4	0.87	5	9.3	226	101	1	0.88	40	7.3	226	98	1	0.86
230	3	5.6	233	107	3	0.85	1	1.9	233	101	.	0.80	21	3.8	234	106	2	0.83
240	4	7.4	243	120	5	0.83	3	5.6	243	118	0	0.82	26	4.8	245	120	2	0.82
250	2	3.7	256	147	15	0.87	3	5.6	256	140	5	0.83	22	4.0	254	138	3	0.84
260	1	1.9	267	161	.	0.85	3	5.6	262	156	4	0.87	20	3.7	264	154	3	0.83
270	.	.	.	.	.	.	.	.	.	.	.	.	13	2.4	275	173	3	0.83
280	.	.	.	.	.	.	.	.	.	.	.	.	5	0.9	287	194	5	0.82
290	1	1.9	290	197	.	0.81	.	.	.	.	.	.	3	0.5	295	201	3	0.78
300	2	3.7	303	231	8	0.83	2	3.7	306	244	14	0.85	11	2.0	303	229	9	0.83
310	3	5.6	315	257	14	0.83	.	.	.	.	.	.	9	1.6	315	256	8	0.82
320	1	1.9	328	298	.	0.84	.	.	.	.	.	.	8	1.5	325	300	7	0.87
330	1	1.9	335	321	.	0.85	.	.	.	.	.	.	4	0.7	336	315	12	0.83
340	1	1.9	344	352	.	0.86	.	.	.	.	.	.	5	0.9	344	356	16	0.87
350	1	1.9	358	416	.	0.91	.	.	.	.	.	.	6	1.1	355	380	12	0.85
360	1	1.9	368	381	.	0.76	.	.	.	.	.	.	1	0.2	368	381	.	0.76
370	.	.	.	.	.	.	.	.	.	.	.	.	4	0.7	372	460	24	0.90
380	.	.	.	.	.	.	.	.	.	.	.	.	2	0.4	382	501	63	0.90
390	.	.	.	.	.	.	.	.	.	.	.	.	4	0.7	394	475	25	0.78
400	.	.	.	.	.	.	.	.	.	.	.	.	3	0.5	403	516	23	0.79
410	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	411	561	.	0.81
420	.	.	.	.	.	.	1	1.9	420	652	.	0.88	2	0.4	424	701	49	0.92
430	.	.	.	.	.	.	.	.	.	.	.	.	2	0.4	433	612	29	0.75
440	1	1.9	446	587	.	0.66	.	.	.	.	.	.	1	0.2	446	587	.	0.66
450	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	452	783	.	0.85
460	1	1.9	462	1038	.	1.05	.	.	.	.	.	.	5	0.9	464	966	27	0.97
470	.	.	.	.	.	.	1	1.9	474	998	.	0.94	2	0.4	472	951	47	0.90
480	.	.	.	.	.	.	1	1.9	483	1106	.	0.98	2	0.4	483	1031	75	0.91
490	.	.	.	.	.	.	2	3.7	495	1117	77	0.92	2	0.4	495	1117	77	0.92
500	.	.	.	.	.	.	2	3.7	503	1191	28	0.94	2	0.4	503	1191	28	0.94
510	.	.	.	.	.	.	2	3.7	512	1134	84	0.84	2	0.4	512	1134	84	0.84
TOTAL/MEAN	54	100.0	238	150	23	0.86	54	100.0	241	243	52	0.87	546	100.0	217	134	8	0.86

Table 74. Length and weight data, by 10mm fork length intervals, for lake trout caught in Naujaat Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED								
			LENGTH (mm)		K			LENGTH (mm)		K			LENGTH (mm)		K				
	N	%	MEAN	SE		N	%	MEAN	SE		N	%	MEAN	SE					
100	1	12.5	103	10	.	0.92
140	1	12.5	144	27	.	0.90
400	1	12.5	400	720	.	1.13
420	1	33.3	421	830	.	1	33.3	400	720	.	1	12.5	421	830	.	1.11	.	1.11	
430	.	.	.	.	.	1	33.3	438	980	.	1	12.5	438	980	.	1.17	.	1.17
470	1	33.3	470	1090	.	1	33.3	478	1540	.	2	25.0	474	1315	225	1.23	.	1.23	
970	1	33.3	972	11200	.	.	.	.	.	.	1	12.5	972	11200	.	1.22	.	1.22
TOTAL/MEAN	3	100.0	621	4373	3414	1.13	3	100.0	439	1080	242	1.23	8	100.0	428	2050	1320	1.11	

Table 75. Length and weight data, by age, for lake trout caught in Naujaat Lake, 1976.

AGE (years +)	FEMALES					MALES					COMBINED										
			LENGTH (mm)		K			LENGTH (mm)		K			LENGTH (mm)		K						
	N	%	MEAN	SE		N	%	MEAN	SE		N	%	MEAN	SE							
13	.	.	.	.	.	1	33.3	400	.	720	.	1	16.7	400	.	720	.	1.13
15	1	33.3	421	830	.	.	.	.	.	.	.	1	16.7	421	.	830	.	1.11
21	.	.	.	.	.	1	33.3	438	.	980	.	1	16.7	438	.	980	.	1.17
22	1	33.3	470	1090	.	1	33.3	478	.	1540	.	1	16.7	470	.	1090	.	1.05			
32	.	.	.	.	.	1	33.3	478	.	1540	.	1	16.7	478	.	1540	.	1.41
48	1	33.3	972	1200	0.13	.	.	.	.	.	.	1	16.7	972	.	1200	.	0.13
TOTAL/MEAN	3	100.0	621	176	1040	110	0.76	3	100.0	439	22.5	1080	242	1.23	6	100.0	530	89.2	1060	119	1.00

Table 76. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Notgordie Lake, 1977.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH (mm)	WEIGHT (g)		K			LENGTH (mm)	WEIGHT (g)		K			LENGTH (mm)	WEIGHT (g)		K
	N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE	
10	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	15	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	7	0.6	28	0	0	0.00
30	.	.	.	.	.	.	.	.	.	.	.	.	33	2.7	34	1	0	1.81
40	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	40	1	.	1.56
70	2	1.6	76	3	1	0.56	.	.	.	.	.	.	10	0.8	76	4	1	1.01
80	.	.	.	.	.	.	.	.	.	.	.	.	4	0.3	82	5	0	0.90
90	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	99	7	.	0.72
100	2	1.6	104	8	2	0.71	4	2.3	104	7	1	0.57	35	2.9	105	11	1	0.96
110	2	1.6	113	14	1	0.98	5	2.9	116	13	1	0.81	89	7.3	114	14	0	0.90
120	2	1.6	122	18	6	0.99	8	4.6	125	17	1	0.90	40	3.3	124	18	1	0.91
130	4	3.3	139	24	0	0.90	1	0.6	132	16	.	0.70	32	2.6	134	21	1	0.83
140	4	3.3	147	30	2	0.94	3	1.7	146	29	2	0.91	35	2.9	145	29	1	0.96
150	6	4.9	154	37	2	1.01	11	6.4	155	38	1	1.01	61	5.0	154	37	1	1.01
160	10	8.2	164	44	2	1.00	13	7.5	165	46	1	1.02	96	7.9	164	45	0	1.02
170	7	5.7	175	55	2	1.04	17	9.8	174	54	1	1.02	78	6.4	174	55	1	1.04
180	13	10.7	185	66	2	1.04	19	11.0	185	62	2	0.99	93	7.7	185	64	1	1.02
190	11	9.0	194	75	4	1.02	19	11.0	195	72	2	0.97	149	12.3	195	74	1	1.00
200	23	18.9	205	83	2	0.96	19	11.0	205	83	2	0.97	149	12.3	204	83	1	0.97
210	11	9.0	214	88	2	0.89	14	8.1	213	97	2	0.99	99	8.2	214	93	1	0.94
220	6	4.9	227	113	3	0.97	12	6.9	223	104	3	0.94	66	5.5	224	105	1	0.93
230	4	3.3	235	111	8	0.85	6	3.5	234	121	7	0.94	40	3.3	233	116	2	0.91
240	7	5.7	241	125	5	0.89	4	2.3	246	144	8	0.96	38	3.1	244	133	3	0.92
250	3	2.5	253	156	4	0.96	4	2.3	252	136	1	0.85	18	1.5	253	145	3	0.89
260	2	1.6	266	193	17	1.03	3	1.7	265	161	1	0.87	14	1.2	265	175	4	0.94
270	1	0.8	272	161	.	0.80	3	1.7	276	179	20	0.86	6	0.5	275	179	10	0.87
280	2	1.6	285	192	13	0.83	1	0.6	286	222	.	0.95	7	0.6	284	200	5	0.87
290	.	.	.	.	.	.	2	1.2	294	247	2	0.98	3	0.2	294	234	13	0.92
300	.	.	.	.	.	.	3	1.7	305	278	17	0.97	3	0.2	305	278	17	0.97
320	.	.	.	.	.	.	1	0.6	320	271	.	0.83	1	0.1	320	271	.	0.83
330	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	330	389	.	1.08
440	.	.	.	.	.	.	1	0.6	444	921	.	1.05	1	0.1	444	921	.	1.05
TOTAL/MEAN	122	100.0	192	76	4	0.96	173	100.0	195	84	6	0.95	1211	100.0	178	70	2	0.98

Table 77. Length and weight data, by age, for Arctic charr caught in Notgordie Lake, 1977.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	42	10.1	35	1.9	1	0	1.62	
1	.	.	.	.	.	.	.	1	0.6	118	.	15	.	0.91	1	0.2	118	.	15	.	0.91
2	1	0.9	106	.	10	.	0.84	.	.	.	.	.	.	12	2.9	80	2.6	5	0	0.97	
3	4	3.6	121	6.0	19	3	1.05	8	5.1	121	2.1	17	1	0.94	19	4.6	128	11.4	35	20	0.98
4	6	5.5	157	4.9	38	4	0.95	8	5.1	158	8.2	41	7	0.94	16	3.8	152	5.9	38	4	0.94
5	15	13.6	163	3.7	44	3	1.01	21	13.4	164	2.7	46	2	1.01	37	8.9	164	2.1	45	2	1.01
6	15	13.6	175	5.3	55	5	0.99	29	18.5	178	3.7	59	4	1.00	48	11.5	176	3.0	58	3	1.00
7	20	18.2	193	2.9	72	3	1.01	16	10.2	190	3.7	69	4	0.99	47	11.3	193	1.9	71	2	0.98
8	16	14.5	213	4.2	91	5	0.94	18	11.5	211	4.3	91	6	0.95	53	12.7	212	2.3	88	3	0.92
9	15	13.6	221	4.8	103	7	0.94	25	15.9	211	3.1	91	5	0.95	69	16.6	218	2.4	98	3	0.93
10	14	12.7	234	6.8	124	12	0.93	16	10.2	243	9.7	143	17	0.93	47	11.3	234	4.3	123	8	0.91
11	2	1.8	243	2.5	139	4	0.97	10	6.4	259	9.1	167	17	0.94	13	3.1	253	7.8	156	14	0.94
12	.	.	.	.	.	.	.	2	1.3	261	47.0	192	85	1.02	5	1.2	254	20.6	169	36	0.97
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	252	.	141	.	0.88
14	.	.	.	.	.	.	.	1	0.6	320	.	271	.	0.83	2	0.5	273	47.0	188	84	0.86
15	2	1.8	277	4.5	170	9	0.80	1	0.6	208	.	93	.	1.03	3	0.7	254	23.0	144	26	0.88
19	.	.	.	.	.	.	.	1	0.6	444	.	921	.	1.05	1	0.2	444	.	921	.	1.05
TOTAL/MEAN	110	100.0	195	3.5	78	4	0.97	157	100.0	198	3.7	88	7	0.97	416	100.0	180	3.2	78	3	1.00

Table 78. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Notgordie Lake, 1978.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED							
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
100	1	33.3	107	.	11	.	0.90	1	33.3	107	.	11	.	0.90
210	2	66.7	215	.	93	7	0.94	2	66.7	215	.	93	7	0.94
TOTAL/MEAN	3	100.0	179	.	66	28	0.93	3	100.0	179	.	66	28	0.93

Table 79. Length and weight data, by age, for Arctic charr caught in Notgordie Lake, 1978.

AGE (years +)	FEMALES						MALES						COMBINED							
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
2	1	33.3	107	.	11	.	0.90	1	33.3	107	.	11	.	0.90
5	1	33.3	215	.	86	.	0.87	1	33.3	215	.	86	.	0.87
7	1	33.3	214	.	100	.	1.02	1	33.3	214	.	100	.	1.02
TOTAL/MEAN	3	100.0	179	35.8	66	28	0.93	3	100.0	179	35.8	66	28	0.93

Table 80. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Notgordie Lake, 1985.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
240	.	.	.	.	.	.	.	1	14.3	241		110	.	0.79	1	7.1	241		110	.	0.79
310	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7.1	314		320	.	1.03
360	.	.	.	.	.	.	.	1	14.3	360		560	.	1.20	1	7.1	360		560	.	1.20
370	.	.	.	.	.	.	.	1	14.3	376		660	.	1.24	1	7.1	376		660	.	1.24
400	1	16.7	407		710		1.05	.	.	.	.	.	.	.	1	7.1	407		710	.	1.05
410	1	16.7	419		940		1.28	.	.	.	.	.	.	.	1	7.1	419		940	.	1.28
430	2	33.3	438		1008	33	1.20	.	.	.	.	.	.	.	2	14.3	438		1008	33	1.20
440	1	16.7	447		1210		1.35	1	14.3	443		1030	.	1.18	2	14.3	445		1120	90	1.27
470	.	.	.	.	.	.	.	1	14.3	479		1430	.	1.30	1	7.1	479		1430	.	1.30
490	1	16.7	490		1275		1.08	1	14.3	498		1500	.	1.21	2	14.3	494		1388	113	1.15
500	.	.	.	.	.	.	.	1	14.3	504		1475	.	1.15	1	7.1	504		1475	.	1.15
TOTAL/MEAN	6	100.0	440		1025	83	1.19	7	100.0	414		966	204	1.15	14	100.0	418		945	115	1.16

Table 81. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Notgardie Lake, 1988.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH		WEIGHT		K		LENGTH		WEIGHT		K		LENGTH		WEIGHT		K	
	N	%	(mm) MEAN	(g) MEAN			SE	N	%	(mm) MEAN			(g) MEAN	SE	N	%			(mm) MEAN	(g) MEAN	SE
80	.	.	.	.	.	.	.	.	.	.	.	.	2	1.7	80	.	.	.
90	3	6.4	97	9	1	0.97	1	2.4	97	9	.	0.99	4	3.4	97	9	0	0.98
100	1	2.1	101	10	.	0.97	5	12.2	104	11	1	0.95	21	17.9	104	10	0	0.90
110	2	4.3	113	14	1	0.97	5	12.2	114	14	1	0.95	11	9.4	113	14	0	0.95
120	1	2.1	122	18	.	0.99	6	14.6	125	19	1	0.99	11	9.4	124	18	1	0.94
130	1	2.1	135	26	.	1.06	1	2.4	130	21	.	0.96	4	3.4	133	22	1	0.93
140	.	.	.	.	.	.	1	2.4	144	30	.	1.00	2	1.7	146	29	2	0.93
150	.	.	.	.	.	.	1	2.4	158	39	.	0.99	2	1.7	154	34	5	0.92
180	.	.	.	.	.	.	1	2.4	189	61	.	0.90	1	0.9	189	61	.	0.90
270	.	.	.	.	.	.	1	2.4	273	189	.	0.93	1	0.9	273	189	.	0.93
300	1	2.1	301	284	.	1.04	1	2.4	307	313	.	1.08	2	1.7	304	299	15	1.06
310	1	2.1	310	303	.	1.02	1	2.4	311	294	.	0.98	2	1.7	311	299	5	1.00
330	.	.	.	.	.	.	1	2.4	331	386	.	1.06	1	0.9	331	386	.	1.06
340	1	2.1	345	380	.	0.93	.	.	.	.	.	.	1	0.9	345	380	.	0.93
350	2	4.3	357	471	34	1.04	1	2.4	356	473	.	1.05	3	2.6	356	471	19	1.04
360	4	8.5	364	474	5	0.99	3	7.3	366	484	19	0.99	7	6.0	364	478	8	0.99
370	4	8.5	373	508	14	0.98	1	2.4	372	484	.	0.94	5	4.3	373	503	12	0.97
380	2	4.3	386	559	7	0.97	.	.	.	.	.	.	2	1.7	386	559	7	0.97
390	.	.	.	.	.	.	2	4.9	393	585	47	0.97	2	1.7	393	585	47	0.97
400	4	8.5	404	689	34	1.04	1	2.4	408	663	.	0.98	5	4.3	405	684	27	1.03
410	3	6.4	414	717	42	1.01	.	.	.	.	.	.	3	2.6	414	717	42	1.01
420	8	17.0	422	787	12	1.04	.	.	.	.	.	.	8	6.8	422	787	12	1.04
430	3	6.4	438	895	16	1.07	.	.	.	.	.	.	3	2.6	438	895	16	1.07
440	2	4.3	445	912	10	1.04	2	4.9	443	853	28	0.98	4	3.4	444	883	21	1.01
450	2	4.3	454	917	53	0.98	2	4.9	452	914	35	0.99	4	3.4	453	915	26	0.99
460	.	.	.	.	.	.	1	2.4	466	1079	.	1.07	1	0.9	466	1079	.	1.07
470	2	4.3	473	999	92	0.94	2	4.9	475	1145	7	1.07	4	3.4	474	1072	56	1.01
520	.	.	.	.	.	.	1	2.4	520	1612	.	1.15	1	0.9	520	1612	.	1.15
TOTAL/MEAN	47	100.0	352	566	45	1.01	41	100.0	257	350	66	0.99	117	100.0	259	359	36	0.97

Table 82. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Proven Lake, 1977.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH	WEIGHT	K				LENGTH	WEIGHT	K				LENGTH	WEIGHT	K	
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE	
90	.	.	.	.	.	.	.	.	.	.	.	.	1	0.7	97	14	.	1.53
100	3	6.0	106	13	1	1.11	4	8.0	107	12	1	0.95	11	7.6	105	14	1	1.19
110	.	.	.	.	.	.	2	4.0	114	16	1	1.08	4	2.8	115	18	1	1.22
120	2	4.0	126	20	0	1.01	2	4.0	125	21	2	1.06	8	5.6	126	22	1	1.12
130	.	.	.	.	.	.	.	.	.	.	.	.	4	2.8	137	28	1	1.08
140	1	2.0	142	30	.	1.05	1	2.0	144	33	.	1.11	4	2.8	143	33	1	1.13
150	.	.	.	.	.	.	.	.	.	.	.	.	3	2.1	152	40	3	1.13
160	.	.	.	.	.	.	1	2.0	160	40	.	0.98	3	2.1	165	46	3	1.03
170	.	.	.	.	.	.	.	.	.	.	.	.	2	1.4	174	53	2	1.00
180	.	.	.	.	.	.	5	10.0	182	56	4	0.92	7	4.9	183	59	3	0.96
190	2	4.0	193	61	12	0.84	1	2.0	199	74	.	0.94	5	3.5	194	65	5	0.89
200	2	4.0	204	74	4	0.88	2	4.0	205	79	9	0.92	4	2.8	204	77	4	0.90
210	6	12.0	215	78	3	0.78	2	4.0	218	89	3	0.86	11	7.6	215	79	3	0.80
220	5	10.0	223	99	6	0.89	7	14.0	225	102	2	0.89	17	11.8	225	100	2	0.88
230	10	20.0	233	108	4	0.86	5	10.0	232	114	2	0.92	18	12.5	233	111	3	0.88
240	8	16.0	246	128	3	0.86	3	6.0	244	119	6	0.82	12	8.3	246	126	3	0.85
250	4	8.0	254	145	4	0.89	3	6.0	252	138	8	0.86	10	6.9	254	145	3	0.89
260	3	6.0	264	173	6	0.94	3	6.0	262	122	36	0.69	7	4.9	263	152	18	0.83
270	3	6.0	273	192	1	0.94	2	4.0	271	131	55	0.66	5	3.5	272	167	23	0.83
280	1	2.0	282	199	.	0.89	3	6.0	282	144	43	0.64	4	2.8	282	158	33	0.71
300	.	.	.	.	.	.	1	2.0	304	236	.	0.84	1	0.7	304	236	.	0.84
320	.	.	.	.	.	.	1	2.0	325	345	.	1.01	1	0.7	325	345	.	1.01
460	.	.	.	.	.	.	1	2.0	460	941	.	0.97	1	0.7	460	941	.	0.97
530	.	.	.	.	.	.	1	2.0	538	1782	.	1.14	1	0.7	538	1782	.	1.14
TOTAL/MEAN	50	100.0	222	106	7	0.89	50	100.0	224	149	39	0.89	144	100.0	208	108	14	0.94

Table 83. Length and weight data, by age, for Arctic charr caught in Proven Lake, 1977.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
3	2	4.0	107	2.5	13	1	1.07	2	4.1	110	0.5	15	1	1.10	10	7.0	108	2.3	16	1	1.28
4	1	2.0	106	.	14	.	1.18	2	4.1	108	1.5	11	1	0.89	4	2.8	105	2.6	13	1	1.12
5	1	2.0	123	.	20	.	1.07	3	6.1	122	3.0	19	1	1.05	5	3.5	123	1.8	20	1	1.07
6	1	2.0	128	.	20	.	0.95	2	4.1	152	8.0	37	4	1.04	9	6.3	145	6.9	34	5	1.08
7	3	6.0	189	25.5	69	22	0.97	2	4.1	229	2.5	106	3	0.89	10	7.0	177	12.7	61	11	1.03
8	5	10.0	221	10.3	92	15	0.82	2	4.1	223	4.5	96	10	0.86	14	9.8	191	10.6	69	9	0.95
9	8	16.0	237	7.9	121	15	0.88	10	20.4	243	13.8	122	27	0.81	21	14.7	237	7.4	117	14	0.85
10	16	32.0	240	5.2	123	9	0.87	11	22.4	236	10.2	110	14	0.84	34	23.8	239	4.3	121	7	0.86
11	8	16.0	246	8.2	132	18	0.85	7	14.3	229	10.0	106	14	0.85	19	13.3	234	5.7	113	10	0.85
12	5	10.0	235	5.8	116	10	0.89	3	6.1	232	13.0	113	14	0.90	11	7.7	228	6.4	109	8	0.90
13	.	.	.	.	.	.	.	2	4.1	288	16.5	211	25	0.89	3	2.1	267	22.3	176	38	0.89
14	.	.	.	.	.	.	.	1	2.0	186	.	52	.	0.81	1	0.7	186	.	52	.	0.81
16	.	.	.	.	.	.	.	1	2.0	460	.	941	.	0.97	1	0.7	460	.	941	.	0.97
21	.	.	.	.	.	.	.	1	2.0	538	.	1782	.	1.14	1	0.7	538	.	1782	.	1.14
TOTAL/MEAN	50	100.0	222	6.2	106	7	0.89	49	100.0	226	11.3	149	39	0.89	143	100.0	209	5.3	108	14	0.94

Table 84. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Proven Lake, 1978.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
			LENGTH (mm)		WEIGHT (g)	K			LENGTH (mm)		WEIGHT (g)	K			LENGTH (mm)		WEIGHT (g)	K
	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE
100	.	.	.	.	.	.	.	.	.	.	.	.	2	4.9	108	13	0	1.05
110	.	.	.	.	.	.	.	.	.	.	.	.	1	2.4	119	15	.	0.89
120	.	.	.	.	.	.	.	.	.	.	.	.	3	7.3	125	17	2	0.87
130	.	.	.	.	.	.	.	.	.	.	.	.	1	2.4	135	22	.	0.89
140	.	.	.	.	.	.	1	16.7	140	22	.	0.80	1	2.4	140	22	.	0.80
150	.	.	.	.	.	.	.	.	.	.	.	.	1	2.4	154	28	.	0.77
180	.	.	.	.	.	.	.	.	.	.	.	.	1	2.4	184	57	.	0.92
200	.	.	.	.	.	.	.	.	.	.	.	.	4	9.8	204	73	3	0.85
210	1	20.0	214	81	.	0.83	.	.	.	.	.	.	4	9.8	215	88	3	0.88
220	3	60.0	225	102	6	0.89	1	16.7	223	92	.	0.83	7	17.1	224	96	3	0.86
230	.	.	.	.	.	.	1	16.7	235	120	.	0.92	6	14.6	235	110	3	0.84
240	1	20.0	246	114	.	0.77	2	33.3	244	130	5	0.89	4	9.8	244	123	5	0.85
250	.	.	.	.	.	.	.	.	.	.	.	.	3	7.3	251	128	1	0.80
260	.	.	.	.	.	.	.	.	.	.	.	.	2	4.9	268	175	5	0.91
290	.	.	.	.	.	.	1	16.7	298	237	.	0.90	1	2.4	298	237	.	0.90
TOTAL/MEAN	5	100.0	227	100	6	0.85	6	100.0	231	122	28	0.87	41	100.0	208	89	8	0.87

Table 85. Length and weight data, by age, for Arctic charr caught in Proven Lake, 1978.

AGE (years +)	FEMALES					MALES					COMBINED										
			LENGTH (mm)		WEIGHT (g)	K			LENGTH (mm)		WEIGHT (g)	K			LENGTH (mm)		WEIGHT (g)	K			
	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE	N	%	MEAN	SE	MEAN	SE			
4	.	.	.	.	.	.	.	.	.	.	.	.	3	7.9	127	4.6	18	2	0.87
5	.	.	.	.	.	.	.	.	.	.	.	.	3	7.9	114	6.6	15	2	1.02
6	1	16.7	140	.	22	.	0.80	1	2.6	140	.	22	.	0.80	
7	.	.	.	.	.	.	.	.	.	.	.	.	1	2.6	269	.	180	.	0.92
9	2	40.0	224	3.5	100	10	0.89	.	.	.	.	.	8	21.1	227	5.3	101	7	0.86
10	1	16.7	235	.	120	.	0.92	9	23.7	215	5.4	87	6	0.87	
11	2	40.0	230	16.0	98	17	0.80	1	16.7	242	.	125	.	0.88	4	10.5	236	7.5	110	10	0.83
12	1	20.0	228	.	107	.	0.90	2	33.3	261	37.5	165	73	0.86	7	18.4	242	11.1	125	20	0.85
13	1	16.7	246	.	135	.	0.91	2	5.3	240	6.0	120	16	0.86	
TOTAL/MEAN	5	100.0	227	5.4	100	6	0.85	6	100.0	231	21.0	122	28	0.87	38	100.0	210	7.6	91	8	0.87

Table 86. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Proven Lake, 1979.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED						
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	
			(mm)	MEAN	MEAN				SE	(mm)	MEAN				MEAN	SE	(mm)		MEAN	MEAN	SE
90	1	0.5	92	8	.	1.03
100	1	4.8	101	9	.	0.87	2	11.1	104	11	1	0.95	5	2.7	103	10	0	0.93	
110	.	.	.	.	.	.	.	.	.	.	.	.	1	0.5	110	12	.	0.90
120	1	4.8	129	20	.	0.93	2	11.1	125	18	3	0.91	8	4.3	125	19	1	0.94	
130	1	4.8	132	20	.	0.87	.	.	.	.	.	.	4	2.2	133	22	1	0.91
140	.	.	.	.	.	.	.	.	.	.	.	.	10	5.4	145	29	1	0.95
150	1	4.8	155	33	.	0.89	.	.	.	.	.	.	6	3.2	154	33	0	0.92
160	.	.	.	.	.	.	2	11.1	164	39	5	0.89	12	6.5	164	41	1	0.93
170	.	.	.	.	.	.	1	5.6	172	41	.	0.81	17	9.2	175	51	1	0.95
180	4	19.0	185	56	1	0.88	3	16.7	182	53	1	0.88	17	9.2	185	57	1	0.91	
190	1	4.8	192	67	.	0.95	1	5.6	191	60	.	0.86	18	9.7	193	66	1	0.91	
200	3	14.3	204	74	3	0.87	.	.	.	.	.	.	21	11.4	205	75	1	0.87
210	3	14.3	214	85	2	0.86	4	22.2	215	83	4	0.83	15	8.1	215	87	2	0.88	
220	.	.	.	.	.	.	1	5.6	222	75	.	0.69	14	7.6	224	100	3	0.89
230	2	9.5	232	107	4	0.86	2	11.1	236	109	3	0.83	14	7.6	233	113	3	0.89	
240	3	14.3	241	118	4	0.85	.	.	.	.	.	.	13	7.0	244	132	4	0.90
250	.	.	.	.	.	.	.	.	.	.	.	.	6	3.2	252	154	5	0.96
260	.	.	.	.	.	.	.	.	.	.	.	.	1	0.5	264	185	.	1.01
270	1	4.8	270	158	.	0.80	.	.	.	.	.	.	2	1.1	271	177	19	0.89
TOTAL/MEAN	21	100.0	198	75	8	0.87	18	100.0	180	57	7	0.86	185	100.0	192	72	3	0.91	

Table 87. Length and weight data, by age, for Arctic charr caught in Proven Lake, 1979.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
2	1	4.8	101	.	9	.	0.87	2	11.1	104	1.5	11	1	0.95	4	3.6	103	0.9	10	0	0.94
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.9	110	.	12	.	0.90
4	1	4.8	129	.	20	.	0.93	2	11.1	125	4.0	18	3	0.91	7	6.3	132	3.5	22	2	0.96
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1.8	159	14.5	39	10	0.95
6	3	14.3	160	17.5	40	14	0.90	.	.	.	.	.	.	5	4.5	159	9.8	39	8	0.90	
7	.	.	.	.	.	.	.	2	11.1	164	1.5	39	5	0.89	10	8.9	164	4.6	43	5	0.94
8	6	28.6	208	10.9	80	13	0.86	1	5.6	172	.	41	.	0.81	21	18.8	208	5.4	84	7	0.89
9	3	14.3	208	4.4	78	5	0.86	5	27.8	203	7.4	71	6	0.85	35	31.3	208	4.3	86	6	0.91
10	7	33.3	226	10.5	102	12	0.86	2	11.1	226	10.0	101	11	0.87	19	17.0	223	5.8	104	7	0.91
11	.	.	.	.	.	.	.	2	11.1	184	2.5	52	1	0.84	4	3.6	199	18.2	79	27	0.91
12	.	.	.	.	.	.	.	2	11.1	229	7.0	91	16	0.75	4	3.6	226	10.8	103	22	0.86
TOTAL/MEAN	21	100.0	198	9.1	75	8	0.87	18	100.0	180	10.1	57	7	0.86	112	100.0	195	3.7	75	4	0.91

Table 88. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Proven Lake, 1980.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH		WEIGHT		K		LENGTH		WEIGHT		K		LENGTH		WEIGHT		K	
	N	%	(mm)	(g)			(mm)	(g)	(mm)	(g)			(mm)	(g)				
MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE			
80	.	.	.	.	.	.	.	.	.	.	.	1	0.2	89	.	.	.	
90	.	.	.	.	.	.	.	.	.	.	.	41	8.3	96	9	0	1.03	
100	.	.	.	.	.	.	1	2.4	100	11	.	1.10	76	15.4	104	12	0	1.02
110	.	.	.	.	.	.	3	7.1	114	15	1	1.02	31	6.3	113	15	1	1.02
120	.	.	.	.	.	.	.	.	.	.	.	.	15	3.0	123	19	0	1.04
130	1	3.0	138	28	.	1.07	.	.	.	.	.	.	10	2.0	134	28	.	1.07
140	.	.	.	.	.	.	.	.	.	.	.	.	7	1.4	145	31	3	1.01
150	.	.	.	.	.	.	.	.	.	.	.	.	9	1.8	154	33	.	0.98
160	.	.	.	.	.	.	2	4.8	165	47	3	1.03	11	2.2	167	47	3	1.03
170	3	9.1	174	56	4	1.05	4	9.5	175	58	3	1.07	19	3.9	175	57	2	1.06
180	4	12.1	184	64	3	1.02	5	11.9	185	66	5	1.04	36	7.3	184	65	3	1.03
190	1	3.0	195	79	.	1.07	6	14.3	194	77	2	1.06	35	7.1	194	77	2	1.06
200	1	3.0	208	88	.	0.98	1	2.4	200	81	.	1.01	31	6.3	204	85	4	1.00
210	2	6.1	213	95	3	0.98	3	7.1	213	88	4	0.91	36	7.3	214	90	3	0.94
220	7	21.2	225	107	4	0.94	2	4.8	225	106	1	0.93	35	7.1	224	107	3	0.94
230	2	6.1	236	139	4	1.06	3	7.1	235	127	9	0.98	33	6.7	234	132	6	1.01
240	7	21.2	245	147	4	1.00	2	4.8	244	130	9	0.90	25	5.1	245	143	4	0.98
250	2	6.1	253	160	2	0.99	2	4.8	258	159	7	0.92	16	3.2	254	159	3	0.95
260	2	6.1	264	182	11	0.99	4	9.5	264	184	3	1.00	15	3.0	263	183	3	1.00
270	1	3.0	270	198	.	1.01	2	4.8	274	202	3	0.99	9	1.8	273	201	2	0.99
280	.	.	.	.	.	.	1	2.4	280	223	.	1.02	1	0.2	280	223	.	1.02
330	.	.	.	.	.	.	1	2.4	331	373	.	1.03	1	0.2	331	373	.	1.03
TOTAL/MEAN	33	100.0	221	113	8	1.00	42	100.0	209	105	11	1.01	493	100.0	175	76	6	1.01

Table 89. Length and weight data, by age, for Arctic charr caught in Proven Lake, 1980.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
2	.	.	.	.	.	.	.	2	4.8	105	5.0	12	1	1.04	26	23.0	101	1.0	11	0	1.02
3	.	.	.	.	.	.	.	2	4.8	116	0.5	16	1	1.04	10	8.8	120	3.7	18	2	1.03
4	.	.	.	.	.	.	.	1	2.4	162	.	44	.	1.03	5	4.4	126	11.1	22	6	1.00
5	.	.	.	.	.	.	.	2	4.8	190	1.0	74	2	1.08	2	1.8	190	1.0	74	2	1.08
6	1	3.0	175	.	56	.	1.04	2	4.8	182	13.5	65	16	1.06	4	3.5	171	10.1	55	10	1.06
7	4	12.1	187	21.6	73	25	1.02	5	11.9	185	5.9	65	5	1.02	10	8.8	185	8.4	68	10	1.02
8	4	12.1	205	11.5	91	13	1.05	4	9.5	227	21.5	129	35	1.01	8	7.1	216	12.0	110	19	1.03
9	9	27.3	226	6.7	117	11	1.00	9	21.4	224	10.5	108	14	0.92	18	15.9	225	6.1	113	8	0.96
10	6	18.2	216	13.4	107	19	0.99	8	19.0	258	14.0	181	32	0.98	14	12.4	240	11.1	149	22	0.98
11	4	12.1	238	11.4	128	17	0.93	4	9.5	232	18.7	138	32	1.05	8	7.1	235	10.2	133	17	0.99
12	5	15.2	253	6.2	165	13	1.01	2	4.8	184	5.5	70	9	1.13	7	6.2	233	13.6	138	20	1.04
14	.	.	.	.	.	.	.	1	2.4	212	.	94	.	0.99	1	0.9	212	.	94	.	0.99
TOTAL/MEAN	33	100.0	221	5.6	113	8	1.00	42	100.0	209	7.7	105	11	1.01	113	100.0	179	5.8	77	6	1.01

Table 90. Length and weight data, by 10mm fork length intervals, for lake trout caught in Ranger Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
380	.	.	.	.	.	.	.	1	16.7	387	.	610	.	1.05	1	7.7	387	.	610	.	1.05
400	.	.	.	.	.	.	.	1	16.7	409	.	670	.	0.98	1	7.7	409	.	670	.	0.98
430	.	.	.	.	.	.	.	1	16.7	431	.	980	.	1.22	1	7.7	431	.	980	.	1.22
450	.	.	.	.	.	.	.	1	16.7	459	.	1290	.	1.33	1	7.7	459	.	1290	.	1.33
460	.	.	.	.	.	.	.	1	16.7	465	.	1230	.	1.22	1	7.7	465	.	1230	.	1.22
490	1	14.3	491	.	1350	.	1.14	.	.	.	.	.	.	.	1	7.7	491	.	1350	.	1.14
500	1	14.3	502	.	1720	.	1.36	.	.	.	.	.	.	.	1	7.7	502	.	1720	.	1.36
520	1	14.3	522	.	1790	.	1.26	.	.	.	.	.	.	.	1	7.7	522	.	1790	.	1.26
540	2	28.6	544	100	1960	.	1.22	.	.	.	.	.	.	.	2	15.4	544	100	1960	.	1.22
610	1	14.3	610	.	2560	.	1.13	.	.	.	.	.	.	.	1	7.7	610	.	2560	.	1.13
670	.	.	.	.	.	.	.	1	16.7	671	.	4110	.	1.36	1	7.7	671	.	4110	.	1.36
810	1	14.3	814	.	6740	.	1.25	.	.	.	.	.	.	.	1	7.7	814	.	6740	.	1.25
TOTAL/MEAN	7	100.0	575		2583	707	1.23	6	100.0	470	1482	538	1.20	13	100.0	527		2075	464	1.21	

Table 91. Length and weight data, by age, for lake trout caught by in Ranger Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
13	.	.	.	.	.	.	.	2	33.3	398	11.0	640	30	1.02	2	15.4	398	11.0	640	30	1.02
14	.	.	.	.	.	.	.	1	16.7	465	.	1230	.	1.22	1	7.7	465	.	1230	.	1.22
16	1	14.3	544	.	1860	.	1.16	2	33.3	445	14.0	1135	155	1.28	3	23.1	478	34.0	1377	258	1.24
17	2	28.6	507	15.5	1570	220	1.20	.	.	.	.	.	.	.	2	15.4	507	15.5	1570	220	1.20
20	2	28.6	523	20.5	1890	170	1.32	.	.	.	.	.	.	.	2	15.4	523	20.5	1890	170	1.32
29	1	14.3	610	.	2560	.	1.13	.	.	.	.	.	.	.	1	7.7	610	.	2560	.	1.13
32	.	.	.	.	.	.	.	1	16.7	671	.	4110	.	1.36	1	7.7	671	.	4110	.	1.36
49	1	14.3	814	.	6740	.	1.25	.	.	.	.	.	.	.	1	7.7	814	.	6740	.	1.25
TOTAL/MEAN	7	100.0	575	42.4	2583	707	1.23	6	100.0	470	41.9	1482	538	1.20	13	100.0	527	32.4	2075	464	1.21

Table 92. Length data, by 10mm fork length intervals, for least cisco caught in Ranger Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K			
			(mm)	(g)				(mm)	(g)				(mm)	(g)				
			MEAN	MEAN	SE			MEAN	MEAN	SE			MEAN	MEAN	SE			
170	1	3.4	179	.	.	.
180	1	3.4	185	.	.	.
190	4	13.8	192	.	.	.
200	3	10.3	205	.	.	.
210	10	34.5	215	.	.	.
220	3	10.3	223	.	.	.
230	3	10.3	236	.	.	.
240	3	10.3	244	.	.	.
270	1	3.4	271	.	.	.
TOTAL/MEAN	29	100.0	216	.	.	.

Table 93. Length and weight data, by 10mm fork length intervals, for lake trout caught in Namaycush Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K	N	%	LENGTH	WEIGHT	K			
			(mm)	(g)				(mm)	(g)				(mm)	(g)				
			MEAN	MEAN	SE			MEAN	MEAN	SE			MEAN	MEAN	SE			
60	.	.	.	.	.	1	1.3	63	3	.	1.20	3	2.5	66	4	0	1.25	
70	.	.	.	.	.	2	2.6	73	5	0	1.29	4	3.3	73	5	0	1.23	
80	.	.	.	.	.	2	2.6	82	6	0	1.09	2	1.6	82	6	0	1.09	
90	.	.	.	.	.	2	2.6	94	9	1	1.03	4	3.3	95	9	0	1.04	
100	.	.	.	.	.	1	1.3	101	9	.	0.87	2	1.6	101	10	1	0.94	
110	.	.	.	.	.	3	3.9	113	14	1	1.00	3	2.5	113	14	1	1.00	
120	.	.	.	.	.	2	2.6	127	19	1	0.94	2	1.6	127	19	1	0.94	
170	1	2.6	171	45	.	0.90	2	2.6	175	54	5	1.01	3	2.5	174	51	4	0.97
180	1	2.6	187	57	.	0.87	1	1.3	185	58	.	0.92	2	1.6	186	58	1	0.89
210	1	2.6	212	95	.	1.00	.	.	.	.	.	1	0.8	212	95	.	1.00	
220	2	5.3	225	104	2	0.91	.	.	.	.	.	2	1.6	225	104	2	0.91	
230	1	2.6	235	125	.	0.96	.	.	.	.	.	1	0.8	235	125	.	0.96	
260	.	.	.	.	.	.	1	1.3	262	169	.	0.94	1	0.8	262	169	.	0.94
350	.	.	.	.	.	.	1	1.3	356	525	.	1.16	1	0.8	356	525	.	1.16
400	1	2.6	409	850	.	1.24	.	.	.	.	.	1	0.8	409	850	.	1.24	
440	1	2.6	448	1200	.	1.33	.	.	.	.	.	1	0.8	448	1200	.	1.33	
450	.	.	.	.	.	.	1	1.3	450	1100	.	1.21	1	0.8	450	1100	.	1.21
470	.	.	.	.	.	.	2	2.6	474	1263	13	1.19	2	1.6	474	1263	13	1.19
480	.	.	.	.	.	.	2	2.6	481	1288	88	1.16	2	1.6	481	1288	88	1.16
490	.	.	.	.	.	.	3	3.9	494	1533	8	1.27	3	2.5	494	1533	8	1.27
500	1	2.6	506	1250	.	0.96	1	1.3	503	1850	.	1.45	2	1.6	505	1550	300	1.21
510	1	2.6	518	1325	.	0.95	.	.	.	.	.	1	0.8	518	1325	.	0.95	
520	.	.	.	.	.	.	2	2.6	526	1688	63	1.16	2	1.6	526	1688	63	1.16
530	1	2.6	531	1700	.	1.14	.	.	.	.	.	1	0.8	531	1700	.	1.14	
540	.	.	.	.	.	.	1	1.3	545	1500	.	0.93	1	0.8	545	1500	.	0.93
550	1	2.6	559	1625	.	0.93	1	1.3	559	1950	.	1.12	2	1.6	559	1788	163	1.02
560	1	2.6	568	1725	.	0.94	1	1.3	568	2025	.	1.11	2	1.6	568	1875	150	1.02
570	1	2.6	572	1750	.	0.94	.	.	.	.	.	1	0.8	572	1750	.	0.94	
580	.	.	.	.	.	.	1	1.3	583	1825	.	0.92	1	0.8	583	1825	.	0.92
610	.	.	.	.	.	.	1	1.3	613	2250	.	0.98	1	0.8	613	2250	.	0.98
620	1	2.6	622	2575	.	1.07	1	1.3	622	2500	.	1.04	2	1.6	622	2538	38	1.05
630	.	.	.	.	.	.	2	2.6	633	2538	38	1.00	2	1.6	633	2538	38	1.00
640	1	2.6	644	2600	.	0.97	1	1.3	647	2925	.	1.08	2	1.6	646	2763	163	1.03
650	1	2.6	653	3025	.	1.09	2	2.6	658	2725	175	0.96	3	2.5	656	2825	142	1.00
680	1	2.6	684	2925	.	0.91	3	3.9	686	3117	46	0.97	4	3.3	685	3069	58	0.95
690	.	.	.	.	.	.	2	2.6	693	3288	88	0.99	2	1.6	693	3288	88	0.99
700	2	5.3	705	3325	225	0.95	2	2.6	707	3400	100	0.96	4	3.3	706	3363	103	0.96
710	.	.	.	.	.	.	1	1.3	718	3900	.	1.05	1	0.8	718	3900	.	1.05
720	3	7.9	724	3758	112	0.99	2	2.6	722	3588	88	0.96	5	4.1	723	3690	79	0.98
740	2	5.3	748	3675	125	0.88	3	3.9	744	4033	248	0.98	5	4.1	746	3890	166	0.94
750	1	2.6	750	3500	.	0.83	2	2.6	755	4463	13	1.04	3	2.5	753	4142	321	0.97
760	1	2.6	765	5000	.	1.12	2	2.6	761	4175	275	0.95	4	3.3	763	4538	241	1.02
770	1	2.6	778	5075	.	1.08	3	3.9	774	3733	358	0.81	4	3.3	775	4069	420	0.87
780	1	2.6	785	4700	.	0.97	2	2.6	784	5000	200	1.04	3	2.5	784	4900	153	1.02
790	1	2.6	794	5700	.	1.14	2	2.6	799	4500	900	0.88	3	2.5	797	4900	656	0.97
800	1	2.6	806	5075	.	0.97	.	.	.	.	.	1	0.8	806	5075	.	0.97	
810	2	5.3	815	5388	563	1.00	3	3.9	817	5592	342	1.03	5	4.1	816	5510	263	1.01
830	1	2.6	835	6150	.	1.06	2	2.6	836	4913	613	0.84	3	2.5	836	5325	543	0.91

(Continued)

840	.	.	.	.	.	.	1	1.3	845	5625	.	0.93	1	0.8	845	5625	.	0.93
850	.	.	.	.	.	.	2	2.6	852	6700	600	1.08	2	1.6	852	6700	600	1.08
870	1	2.6	873	5500	.	0.83	3	3.9	874	6658	564	1.00	4	3.3	874	6369	493	0.95
880	1	2.6	886	6450	.	0.93	.	.	.	.	.	.	1	0.8	886	6450	.	0.93
920	1	2.6	922	7100	.	0.91	.	.	.	.	.	.	1	0.8	922	7100	.	0.91
930	.	.	.	.	.	.	1	1.3	930	7775	.	0.97	1	0.8	930	7775	.	0.97
960	1	2.6	967	8700	.	0.96	.	.	.	.	.	.	1	0.8	967	8700	.	0.96
TOTAL/MEAN	38	100.0	627	3213	363	0.99	76	100.0	559	2754	246	1.03	122	100.0	555	2756	201	1.02

Table 94. Length and weight data, by age, for lake trout caught by in Namaycush Lake, 1975.

AGE (years +)	FEMALES							MALES							COMBINED						
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE	
3	.	.	.	.	.	.	3	4.2	70	3.4	4	1	1.26	6	5.3	74	3.9	5	1	1.22	
4	.	.	.	.	.	.	1	1.4	96	.	8	.	0.90	3	2.7	98	1.2	9	1	0.98	
5	.	.	.	.	.	.	6	8.3	105	6.9	12	2	1.02	6	5.3	105	6.9	12	2	1.02	
6	.	.	.	.	.	.	2	2.8	143	32.0	36	23	1.03	2	1.8	143	32.0	36	23	1.03	
7	3	8.6	203	16.7	81	18	0.92	4	5.6	142	23.9	33	12	0.97	7	6.2	168	19.0	53	14	0.95
8	3	8.6	215	14.4	96	20	0.93	.	.	.	.	.	.	3	2.7	215	14.4	96	20	0.93	
9	.	.	.	.	.	.	.	1	1.4	262	.	169	.	0.94	1	0.9	262	.	169	.	0.94
14	1	2.9	409	.	850	.	1.24	.	.	.	.	.	.	1	0.9	409	.	850	.	1.24	
15	.	.	.	.	.	.	.	2	2.8	419	63.0	863	338	1.12	2	1.8	419	63.0	863	338	1.12
16	.	.	.	.	.	.	.	1	1.4	450	.	1100	.	1.21	1	0.9	450	.	1100	.	1.21
17	1	2.9	506	.	1250	.	0.96	.	.	.	.	.	.	1	0.9	506	.	1250	.	0.96	
18	1	2.9	448	.	1200	.	1.33	1	1.4	545	.	1500	.	0.93	2	1.8	497	48.5	1350	150	1.13
19	.	.	.	.	.	.	.	1	1.4	471	.	1250	.	1.20	1	0.9	471	.	1250	.	1.20
21	.	.	.	.	.	.	.	2	2.8	484	8.0	1400	125	1.23	2	1.8	484	8.0	1400	125	1.23
22	.	.	.	.	.	.	.	4	5.6	601	44.0	2288	320	1.06	4	3.5	601	44.0	2288	320	1.06
23	1	2.9	518	.	1325	.	0.95	2	2.8	651	38.0	2700	450	0.97	3	2.7	607	49.5	2242	527	0.96
24	2	5.7	591	31.5	2100	475	1.00	2	2.8	617	92.0	2563	938	1.05	4	3.5	604	40.4	2331	449	1.03
25	1	2.9	794	.	5700	.	1.14	2	2.8	604	101	2575	725	1.20	3	2.7	667	86.1	3617	1123	1.18
26	.	.	.	.	.	.	.	1	1.4	722	.	3500	.	0.93	1	0.9	722	.	3500	.	0.93
27	1	2.9	765	.	5000	.	1.12	2	2.8	709	12.5	3525	150	0.99	3	2.7	727	20.2	4017	499	1.03
28	3	8.6	705	90.5	3883	1285	1.03	5	6.9	565	40.9	2085	347	1.14	8	7.1	617	46.2	2759	573	1.10
29	3	8.6	711	40.9	3467	633	0.95	1	1.4	559	.	1950	.	1.12	4	3.5	673	47.7	3088	587	0.99
30	1	2.9	568	.	1725	.	0.94	3	4.2	717	35.2	3933	504	1.05	4	3.5	680	44.9	3381	657	1.03
31	3	8.6	749	16.5	4200	454	1.00	2	2.8	682	60.0	3038	538	0.96	5	4.4	722	26.6	3735	415	0.98
33	1	2.9	750	.	3500	.	0.83	4	5.6	716	45.4	3900	728	1.01	5	4.4	723	35.8	3820	570	0.97
34	.	.	.	.	.	.	.	1	1.4	850	.	7300	.	1.19	1	0.9	850	.	7300	.	1.19
35	1	2.9	817	.	4825	.	0.88	1	1.4	781	.	4800	.	1.01	2	1.8	799	18.0	4813	13	0.95
36	1	2.9	873	.	5500	.	0.83	1	1.4	761	.	4450	.	1.01	3	2.7	800	36.5	4917	309	0.97
37	2	5.7	692	120	3850	2100	1.02	1	1.4	718	.	3900	.	1.05	3	2.7	701	69.8	3867	1213	1.03
38	.	.	.	.	.	.	.	2	2.8	698	63.0	3200	700	0.93	2	1.8	698	63.0	3200	700	0.93
39	1	2.9	684	.	2925	.	0.91	2	2.8	794	20.5	4713	538	0.94	3	2.7	757	38.4	4117	672	0.93
41	1	2.9	653	.	3025	.	1.09	1	1.4	799	.	3600	.	0.71	2	1.8	726	73.0	3313	288	0.90
42	.	.	.	.	.	.	.	1	1.4	877	.	7475	.	1.11	1	0.9	877	.	7475	.	1.11
43	1	2.9	706	.	3550	.	1.01	3	4.2	816	20.0	4283	722	0.78	4	3.5	789	30.9	4100	542	0.83
44	1	2.9	886	.	6450	.	0.93	2	2.8	818	1.0	5763	513	1.05	3	2.7	841	22.7	5992	374	1.01
46	1	2.9	922	.	7100	.	0.91	.	.	.	.	.	.	1	0.9	922	.	7100	.	0.91	
47	1	2.9	728	.	3600	.	0.93	1	1.4	871	.	5575	.	0.84	2	1.8	800	71.5	4588	988	0.89
48	.	.	.	.	.	.	.	1	1.4	659	.	2900	.	1.01	1	0.9	659	.	2900	.	1.01
51	.	.	.	.	.	.	.	1	1.4	930	.	7775	.	0.97	1	0.9	930	.	7775	.	0.97
52	.	.	.	.	.	.	.	1	1.4	773	.	4000	.	0.87	1	0.9	773	.	4000	.	0.87
56	.	.	.	.	.	.	.	1	1.4	854	.	6100	.	0.98	1	0.9	854	.	6100	.	0.98
TOTAL/MEAN	35	100.0	610	37.5	2989	355	0.99	72	100.0	546	31.4	2613	246	1.03	113	100.0	547	25.1	2633	199	1.02

Table 95. Length data, by 10mm fork length intervals, for Arctic cisco caught in Namaycush Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K		LENGTH (mm)		WEIGHT (g)		K	
	N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE	
110	.	.	.	.	.	.	.	.	.	.	.	.	1	1.0	119	.	.	.
160	.	.	.	.	.	.	1	8.3	162	.	.	.	2	1.9	163	.	.	.
170	.	.	.	.	.	.	1	8.3	178	.	.	.	2	1.9	176	.	.	.
180	.	.	.	.	.	.	.	.	.	.	.	.	3	2.9	184	.	.	.
190	.	.	.	.	.	.	.	.	.	.	.	.	5	4.9	194	.	.	.
200	.	.	.	.	.	.	2	16.7	204	.	.	.	9	8.7	204	.	.	.
210	.	.	.	.	.	.	.	.	.	.	.	.	3	2.9	213	.	.	.
250	.	.	.	.	.	.	1	8.3	250	.	.	.	1	1.0	250	.	.	.
260	.	.	.	.	.	.	.	.	.	.	.	.	3	2.9	264	.	.	.
270	.	.	.	.	.	.	.	.	.	.	.	.	3	2.9	277	.	.	.
280	.	.	.	.	.	.	.	.	.	.	.	.	1	1.0	284	.	.	.
290	.	.	.	.	.	.	1	8.3	292	.	.	.	3	2.9	295	.	.	.
310	.	.	.	.	.	.	.	.	.	.	.	.	5	4.9	316	.	.	.
320	1	14.3	324	.	.	.	.	.	.	.	.	.	11	10.7	324	.	.	.
330	.	.	.	.	.	.	1	8.3	332	.	.	.	11	10.7	335	.	.	.
340	2	28.6	344	.	.	.	1	8.3	340	.	.	.	16	15.5	344	.	.	.
350	1	14.3	358	.	.	.	3	25.0	353	.	.	.	11	10.7	355	.	.	.
360	2	28.6	361	.	.	.	.	.	.	.	.	.	6	5.8	362	.	.	.
370	1	14.3	371	.	.	.	1	8.3	373	.	.	.	4	3.9	375	.	.	.
380	.	.	.	.	.	.	.	.	.	.	.	.	3	2.9	383	.	.	.
TOTAL/MEAN	7	100.0	352	.	.	.	12	100.0	283	.	.	.	103	100.0	300	.	.	.

Table 96. Length data, by 10mm fork length intervals, for least cisco caught in Namaycush Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	LENGTH		WEIGHT		K		LENGTH		WEIGHT		K		LENGTH		WEIGHT		K	
	N	%	(mm) MEAN	(g) MEAN			SE	N	%	(mm) MEAN			(g) MEAN	SE	N	%			(mm) MEAN	(g) MEAN	SE
100	.	.	.	.	.	.	.	.	.	.	.	.	3	3.4	105	.	.	.
110	.	.	.	.	.	.	.	.	.	.	.	.	6	6.8	115	.	.	.
140	.	.	.	.	.	.	.	.	.	.	.	.	3	3.4	144	.	.	.
150	.	.	.	.	.	.	1	8.3	158	.	.	.	3	3.4	155	.	.	.
170	4	23.5	175	.	.	.	5	41.7	173	.	.	.	18	20.5	174	.	.	.
180	5	29.4	183	.	.	.	4	33.3	184	.	.	.	22	25.0	183	.	.	.
190	4	23.5	194	.	.	.	1	8.3	192	.	.	.	14	15.9	194	.	.	.
200	.	.	.	.	.	.	1	8.3	206	.	.	.	5	5.7	207	.	.	.
210	.	.	.	.	.	.	.	.	.	.	.	.	1	1.1	216	.	.	.
220	1	5.9	223	.	.	.	.	.	.	.	.	.	2	2.3	223	.	.	.
230	1	5.9	239	.	.	.	.	.	.	.	.	.	2	2.3	237	.	.	.
240	.	.	.	.	.	.	.	.	.	.	.	.	3	3.4	243	.	.	.
250	2	11.8	258	.	.	.	.	.	.	.	.	.	2	2.3	258	.	.	.
260	.	.	.	.	.	.	.	.	.	.	.	.	1	1.1	268	.	.	.
270	.	.	.	.	.	.	.	.	.	.	.	.	1	1.1	273	.	.	.
280	.	.	.	.	.	.	.	.	.	.	.	.	2	2.3	285	.	.	.
TOTAL/MEAN	17	100.0	198	.	.	.	12	100.0	180	.	.	.	88	100.0	185	.	.	.

Table 97. Length and weight data, by 10mm fork length intervals, for lake whitefish caught in Namaycush Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
440	1	9.1	449	1275	.	1.41	1	12.5	442	1300	.	1.51	2	10.0	446	1288	13	1.46
450	1	9.1	458	1425	.	1.48	.	.	.	.	.	.	1	5.0	458	1425	.	1.48
460	1	9.1	465	1475	.	1.47	1	12.5	465	1625	.	1.62	2	10.0	465	1550	75	1.54
470	1	9.1	472	1400	.	1.33	.	.	.	.	.	.	1	5.0	472	1400	.	1.33
480	2	18.2	484	1525	75	1.35	.	.	.	.	.	.	2	10.0	484	1525	75	1.35
490	.	.	.	.	.	.	2	25.0	496	1963	113	1.61	2	10.0	496	1963	113	1.61
500	3	27.3	507	2250	80	1.73	1	12.5	500	2250	.	1.80	4	20.0	505	2250	57	1.75
510	.	.	.	.	.	.	1	12.5	512	2000	.	1.49	1	5.0	512	2000	.	1.49
520	.	.	.	.	.	.	1	12.5	526	2325	.	1.60	1	5.0	526	2325	.	1.60
530	1	9.1	530	2400	.	1.61	.	.	.	.	.	.	1	5.0	530	2400	.	1.61
550	.	.	.	.	.	.	.	.	.	.	.	.	1	5.0	558	3000	.	1.73
560	.	.	.	.	.	.	1	12.5	561	2725	.	1.54	1	5.0	561	2725	.	1.54
610	1	9.1	611	3400	.	1.49	.	.	.	.	.	.	1	5.0	611	3400	.	1.49
TOTAL/MEAN	11	100.0	497	1925	196	1.52	8	100.0	500	2019	155	1.60	20	100.0	501	2016	132	1.56

Table 98. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Blue Water Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
170	.	.	.	.	.	.	.	1	25.0	179	.	50	.	0.87	1	14.3	179	.	50	.	0.87
420	1	33.3	427	.	800	.	1.03	.	.	.	.	.	.	.	1	14.3	427	.	800	.	1.03
490	1	33.3	497	.	1275	.	1.04	.	.	.	.	.	.	.	1	14.3	497	.	1275	.	1.04
510	1	33.3	515	.	1200	.	0.88	1	25.0	513	.	1450	.	1.07	2	28.6	514	.	1325	125	0.98
540	.	.	.	.	.	.	.	1	25.0	547	.	1575	.	0.96	1	14.3	547	.	1575	.	0.96
570	.	.	.	.	.	.	.	1	25.0	577	.	1675	.	0.87	1	14.3	577	.	1675	.	0.87
TOTAL/MEAN	3	100.0	480		1092	147	0.98	4	100.0	454		1188	382	0.95	7	100.0	465		1146	213	0.96

Table 99. Length and weight data, by age, for Arctic charr caught in Blue Water Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
6	.	.	.	.	.	.	.	1	25.0	179	.	50	.	0.87	1	14.3	179	.	50	.	0.87
10	1	33.3	427	.	800	.	1.03	.	.	.	.	.	.	.	1	14.3	427	.	800	.	1.03
12	.	.	.	.	.	.	.	1	25.0	513	.	1450	.	1.07	1	14.3	513	.	1450	.	1.07
13	1	33.3	497	.	1275	.	1.04	.	.	.	.	.	.	.	1	14.3	497	.	1275	.	1.04
14	.	.	.	.	.	.	.	2	50.0	562	15.0	1625	50	0.92	2	28.6	562	15.0	1625	50	0.92
15	1	33.3	515	.	1200	.	0.88	.	.	.	.	.	.	.	1	14.3	515	.	1200	.	0.88
TOTAL/MEAN	3	100.0	480	26.8	1092	147	0.98	4	100.0	454	92.6	1188	382	0.95	7	100.0	465	50.8	1146	213	0.96

Table 100. Length and weight data, by 10mm fork length intervals, for lake trout caught in Blue Water Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
500	1	50.0	507		1550		1.19	1	20.0	509		1575		1.19	2	28.6	508		1563	13	1.19
560	.	.	.	.	.	.	.	1	20.0	564		2200		1.23	1	14.3	564		2200		1.23
580	1	50.0	583		2150		1.09	.	.	.		.	.	.	1	14.3	583		2150		1.09
610	.	.	.	.	.	.	.	1	20.0	615		2525		1.09	1	14.3	615		2525		1.09
630	.	.	.	.	.	.	.	1	20.0	635		2950		1.15	1	14.3	635		2950		1.15
690	.	.	.	.	.	.	.	1	20.0	690		3950		1.20	1	14.3	690		3950		1.20
TOTAL/MEAN	2	100.0	545		1850	300	1.14	5	100.0	603		2640	397	1.17	7	100.0	586		2414	317	1.16

Table 101. Length and weight data, by age, for lake trout caught in Blue Water Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
14	.	.	.	.	.	.	.	1	20.0	509		1575		1.19	1	14.3	509		1575		1.19
15	1	50.0	507		1550		1.19	.	.	.		.	.	.	1	14.3	507		1550		1.19
17	.	.	.	.	.	.	.	1	20.0	615		2525		1.09	1	14.3	615		2525		1.09
22	.	.	.	.	.	.	.	1	20.0	635		2950		1.15	1	14.3	635		2950		1.15
27	.	.	.	.	.	.	.	1	20.0	564		2200		1.23	1	14.3	564		2200		1.23
32	1	50.0	583		2150		1.09	1	20.0	690		3950		1.20	2	28.6	637	53.5	3050	900	1.14
TOTAL/MEAN	2	100.0	545	38.0	1850	300	1.14	5	100.0	603	30.9	2640	397	1.17	7	100.0	586	25.2	2414	317	1.16

Table 102. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Longspur Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
130	.	.	.	.	.	.	1	14.3	137	25	.	0.97	1	11.1	137	25	.	0.97
150	.	.	.	.	.	.	1	14.3	155	30	.	0.81	1	11.1	155	30	.	0.81
160	.	.	.	.	.	.	1	14.3	166	36	.	0.79	1	11.1	166	36	.	0.79
170	.	.	.	.	.	.	1	14.3	178	48	.	0.85	1	11.1	178	48	.	0.85
180	1	50.0	182		56		0.93	.	.	.	.	.	1	11.1	182	56	.	0.93
210	1	50.0	213		85		0.88	.	.	.	.	.	1	11.1	213	85	.	0.88
220	1	14.3	221	97	.	0.90	1	11.1	221	97	.	0.90		
320	1	14.3	323	375	.	1.11	1	11.1	323	375	.	1.11		
330	1	14.3	336	350	.	0.92	1	11.1	336	350	.	0.92		
TOTAL/MEAN	2	100.0	198		71	15	0.90	7	100.0	217	137	59	0.91	9	100.0	212	122	46	0.91		

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Table 103. Length and weight data, by age, for Arctic charr caught in Longspur Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
4	.	.	.	.	.	.	.	2	28.6	188	33.0	64	34	0.85	2	22.2	188	33.0	64	34	0.85
5	1	50.0	213		85		0.88	2	28.6	152	14.5	31	6	0.88	3	33.3	172	22.1	49	18	0.88
6	1	50.0	182		56		0.93	.	.	.	.	.	.	1	11.1	182		56		0.93	
8	.	.	.	.	.	.	.	2	28.6	251	72.5	212	164	0.98	2	22.2	251	72.5	212	164	0.98
11	.	.	.	.	.	.	.	1	14.3	336		350		0.92	1	11.1	336		350		0.92
TOTAL/MEAN	2	100.0	198	15.5	71	15	0.90	7	100.0	217	30.8	137	59	0.91	9	100.0	212	23.8	122	46	0.91

Table 104. Length and weight data, by 10mm fork length intervals, for lake trout caught in Longspur Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
160	1	25.0	164		44		1.00	.	.	.	.	.	.	.	1	11.1	164		44		1.00
170	.	.	.	.	.	.	.	1	20.0	173		52		1.00	1	11.1	173		52		1.00
180	.	.	.	.	.	.	.	1	20.0	182		58		0.96	1	11.1	182		58		0.96
210	1	25.0	219		114		1.09	.	.	.	.	.	.	.	1	11.1	219		114		1.09
440	.	.	.	.	.	.	.	1	20.0	441		950		1.11	1	11.1	441		950		1.11
510	.	.	.	.	.	.	.	1	20.0	510		1500		1.13	1	11.1	510		1500		1.13
560	1	25.0	563		1900		1.06	.	.	.	.	.	.	.	1	11.1	563		1900		1.06
630	1	25.0	633		3075		1.21	.	.	.	.	.	.	.	1	11.1	633		3075		1.21
730	.	.	.	.	.	.	.	1	20.0	738		4200		1.04	1	11.1	738		4200		1.04
TOTAL/MEAN	4	100.0	395	119	1283	736	1.09	5	100.0	409	106	1352	764	1.05	9	100.0	403	74.2	1321	502	1.07

Table 105. Length and weight data, by age, for lake trout caught in Longspur Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
7	.	.	.	.	.	.	.	2	40.0	178	4.5	55	3	0.98	2	22.2	178	4.5	55	3	0.98
8	1	25.0	164		44		1.00	.	.	.	.	.	.	.	1	11.1	164		44		1.00
11	1	25.0	219		114		1.09	.	.	.	.	.	.	.	1	11.1	219		114		1.09
18	.	.	.	.	.	.	.	2	40.0	476	34.5	1225	275	1.12	2	22.2	476	34.5	1225	275	1.12
27	.	.	.	.	.	.	.	1	20.0	738		4200		1.04	1	11.1	738		4200		1.04
31	1	25.0	633		3075		1.21	.	.	.	.	.	.	.	1	11.1	633		3075		1.21
52	1	25.0	563		1900		1.06	.	.	.	.	.	.	.	1	11.1	563		1900		1.06
TOTAL/MEAN	4	100.0	395	119	1283	736	1.09	5	100.0	409	106	1352	764	1.05	9	100.0	403	74.2	1321	502	1.07

Table 106. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Flambeau Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES					COMBINED									
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
470	1	100.0	473	.	575	.	0.54	1	100.0	473	.	575	.	0.54	
TOTAL/MEAN	1	100.0	473	.	575	.	0.54	1	100.0	473	.	575	.	0.54	

Table 107. Length and weight data, by age, for Arctic charr caught in Flambeau Lake, 1976.

AGE (years +)	FEMALES						MALES					COMBINED									
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
6	1	100.0	473	.	575	.	0.54	1	100.0	473	.	575	.	0.54	
TOTAL/MEAN	1	100.0	473	.	575	.	0.54	1	100.0	473	.	575	.	0.54	

Table 108. Length and weight data, by 10mm fork length intervals, for lake trout caught in Flambeau Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
170	1	12.5	179	75	.	1.31	.	.	.	.	.	.	.	1	7.1	179	75	.	1.31	.	.
180	1	12.5	184	75	.	1.20	1	16.7	187	75	.	1.15	.	2	14.3	186	75	0	1.18	.	.
190	2	25.0	195	88	13	1.20	.	.	.	.	.	.	.	2	14.3	195	88	13	1.20	.	.
200	1	12.5	208	100	.	1.11	.	.	.	.	.	.	.	1	7.1	208	100	.	1.11	.	.
220	2	25.0	224	125	0	1.12	.	.	.	.	.	.	.	2	14.3	224	125	0	1.12	.	.
230	.	.	.	.	.	.	2	33.3	239	150	0	1.11	.	2	14.3	239	150	0	1.11	.	.
280	1	12.5	284	250	.	1.09	.	.	.	.	.	.	.	1	7.1	284	250	.	1.09	.	.
410	.	.	.	.	.	.	1	16.7	412	800	.	1.14	.	1	7.1	412	800	.	1.14	.	.
590	.	.	.	.	.	.	1	16.7	598	2775	.	1.30	.	1	7.1	598	2775	.	1.30	.	.
600	.	.	.	.	.	.	1	16.7	601	2775	.	1.28	.	1	7.1	601	2775	.	1.28	.	.
TOTAL/MEAN	8	100.0	211	116	21	1.17	6	100.0	379	1121	534	1.18		14	100.0	283	546	257	1.17		

Table 109. Length and weight data, by age, for lake trout caught in Flambeau Lake, 1976.

AGE (years +)	FEMALES							MALES							COMBINED							
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE				
6	4	50.0	191	6.3	88	7	1.26	1	16.7	187	.	75	.	1.15	5	35.7	190	5.0	85	6	1.24	
7	3	37.5	215	8.5	108	17	1.07	2	33.3	239	0.5	150	0	1.11	5	35.7	224	7.4	125	14	1.08	
8	1	12.5	284	.	250	.	1.09	.	.	.	.	.	.	1	7.1	284	.	250	.	1.09	.
12	1	16.7	412	.	800	.	1.14	1	7.1	412	.	800	.	1.14	.
23	1	16.7	598	.	2775	.	1.30	1	7.1	598	.	2775	.	1.30	.
42	1	16.7	601	.	2775	.	1.28	1	7.1	601	.	2775	.	1.28	.
TOTAL/MEAN	8	100.0	211	11.9	116	21	1.17	6	100.0	379	76.3	1121	534	1.18	14	100.0	283	39.2	546	257	1.17	

Table 110. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Olympique Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES					COMBINED									
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
170	1	25.0	171	.	50	.	1.00	.	.	.	.	.	.	1	14.3	171	.	50	.	1.00
200	1	25.0	202	.	100	.	1.21	.	.	.	.	.	.	1	14.3	202	.	100	.	1.21
230	.	.	.	.	.	.	.	1	33.3	232	125	.	1.00	1	14.3	232	.	125	.	1.00
250	.	.	.	.	.	.	.	1	33.3	254	175	.	1.07	1	14.3	254	.	175	.	1.07
310	1	25.0	311	.	350	.	1.16	.	.	.	.	.	.	1	14.3	311	.	350	.	1.16
350	.	.	.	.	.	.	.	1	33.3	350	450	.	1.05	1	14.3	350	.	450	.	1.05
400	1	25.0	401	.	725	.	1.12	.	.	.	.	.	.	1	14.3	401	.	725	.	1.12
TOTAL/MEAN	4	100.0	271		306	154	1.13	3	100.0	279	250	101	1.04	7	100.0	274		282	92	1.09	

Table 111. Length and weight data, by age, for Arctic charr caught in Olympique Lake, 1976.

AGE (years +)	FEMALES						MALES					COMBINED									
	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K	N	%	LENGTH (mm)		WEIGHT (g)		K
			MEAN	SE	MEAN	SE				MEAN	SE	MEAN	SE				MEAN	SE			
4	1	25.0	171	.	50	.	1.00	.	.	.	.	.	.	1	14.3	171	.	50	.	1.00	
6	1	25.0	202	.	100	.	1.21	2	66.7	243	11.0	150	25	1.03	3	42.9	229	15.1	133	22	1.09
8	.	.	.	.	.	.	.	1	33.3	350	.	450	.	1.05	1	14.3	350	.	450	.	1.05
9	1	25.0	401	.	725	.	1.12	.	.	.	.	.	.	1	14.3	401	.	725	.	1.12	
10	1	25.0	311	.	350	.	1.16	.	.	.	.	.	.	1	14.3	311	.	350	.	1.16	
TOTAL/MEAN	4	100.0	271	52.6	306	154	1.13	3	100.0	279	36.2	250	101	1.04	7	100.0	274	31.3	282	92	1.09

Table 112. Length and weight data, by 10mm fork length intervals, for lake trout caught in Olympique Lake, 1976.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
160	1	14.3	168		50		1.05	.	.	.	.	.	.	.	1	8.3	168		50		1.05
220	1	14.3	223		125		1.13	.	.	.	.	.	.	.	1	8.3	223		125		1.13
250	1	14.3	259		200		1.15	.	.	.	.	.	.	.	1	8.3	259		200		1.15
270	.	.	.		.		.	1	20.0	275		250		1.20	1	8.3	275		250		1.20
280	.	.	.		.		.	2	40.0	285		300		0 1.30	2	16.7	285		300		0 1.30
290	1	14.3	299		325		1.22	1	20.0	290		275		1.13	2	16.7	295		300	25	1.17
550	1	14.3	558		1250		0.72	.	.	.		.		.	1	8.3	558		1250		0.72
600	1	14.3	601		3400		1.57	.	.	.		.		.	1	8.3	601		3400		1.57
620	.	.	.		.		.	1	20.0	626		4100		1.67	1	8.3	626		4100		1.67
660	1	14.3	666		4600		1.56	.	.	.		.		.	1	8.3	666		4600		1.56
TOTAL/MEAN	7	100.0	396	82.1	1421	695	1.20	5	100.0	352	68.5	1045	764	1.32	12	100.0	378	51.9	1265	499	1.25

Table 113. Length and weight data, by age, for lake trout caught in Olympique Lake, 1976.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
6	1	16.7	168		50		1.05	.	.	.	.	.	.	.	1	9.1	168		50		1.05
7	1	16.7	223		125		1.13	.	.	.	.	.	.	.	1	9.1	223		125		1.13
8	2	33.3	279	20.0	263	83	1.18	2	40.0	285	2.0	300	0	1.30	4	36.4	282	8.4	281	28	1.24
9	.	.	.		.		.	2	40.0	283	7.5	263	13	1.16	2	18.2	283	7.5	263	13	1.16
14	1	16.7	558		1250		0.72	.	.	.		.		.	1	9.1	558		1250		0.72
26	1	16.7	666		4600		1.56	.	.	.		.		.	1	9.1	666		4600		1.56
34	.	.	.		.		.	1	20.0	626		4100		1.67	1	9.1	626		4100		1.67
TOTAL/MEAN	6	100.0	362	82.1	1092	724	1.14	5	100.0	352	68.5	1045	764	1.32	11	100.0	358	51.9	1070	499	1.22

Table 114. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Keyhole Lake, 1975.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
30	.	.	.	.	.	.	.	.	.	.	.	2	0.3	38	1	0	1.83	
40	.	.	.	.	.	.	.	.	.	.	.	7	1.2	42	1	0	1.32	
50	.	.	.	.	.	.	.	.	.	.	.	3	0.5	57	2	0	1.07	
60	.	.	.	.	.	.	.	.	.	.	.	17	2.9	64	3	0	1.14	
70	.	.	.	.	.	.	.	.	.	.	.	11	1.9	74	5	0	1.15	
80	.	.	.	.	.	.	.	.	.	.	.	5	0.9	83	6	1	1.11	
90	.	.	.	.	.	.	.	.	.	.	.	21	3.6	93	9	0	1.09	
100	.	.	.	.	.	.	1	0.9	101	9	0.87	33	5.7	104	12	0	1.03	
110	1	1.2	117	13	.	0.81	.	.	.	.	.	34	5.8	114	15	0	1.01	
120	2	2.5	127	17	0	0.84	1	0.9	128	17	0.81	23	4.0	124	19	0	0.99	
130	2	2.5	133	20	2	0.84	2	1.7	139	22	1	0.83	27	4.6	134	25	1	1.03
140	2	2.5	149	26	1	0.79	3	2.6	145	27	1	0.90	17	2.9	144	29	1	0.97
150	.	.	.	.	.	.	3	2.6	152	29	1	0.83	11	1.9	153	34	1	0.95
160	.	.	.	.	.	.	5	4.3	164	42	2	0.94	6	1.0	164	42	2	0.95
170	4	4.9	176	50	3	0.91	.	.	.	.	.	11	1.9	176	53	2	0.97	
180	2	2.5	182	58	1	0.97	3	2.6	185	59	2	0.92	6	1.0	184	57	1	0.93
190	1	1.2	195	57	.	0.77	2	1.7	192	70	5	1.00	4	0.7	192	67	4	0.94
200	4	4.9	204	122	45	1.41	5	4.3	206	85	5	0.97	9	1.5	205	101	20	1.16
210	1	1.2	214	83	.	0.85	2	1.7	214	94	1	0.97	6	1.0	214	82	14	0.83
220	.	.	.	.	.	.	3	2.6	221	105	0	0.97	4	0.7	222	145	40	1.32
230	.	.	.	.	.	.	3	2.6	233	126	5	1.00	6	1.0	232	126	2	1.00
240	2	2.5	245	150	5	1.02	1	0.9	246	145	.	0.97	6	1.0	243	142	4	0.98
250	.	.	.	.	.	.	2	1.7	256	170	15	1.02	11	1.9	255	162	4	0.98
260	3	3.7	265	177	4	0.95	4	3.4	263	178	6	0.97	21	3.6	264	177	3	0.96
270	4	4.9	274	199	7	0.96	3	2.8	274	192	7	0.93	21	3.6	274	198	3	0.96
280	3	3.7	284	208	9	0.91	5	4.3	286	218	5	0.93	23	4.0	285	215	2	0.93
290	4	4.9	295	251	6	0.98	8	6.8	293	237	6	0.94	22	3.8	294	238	4	0.94
300	9	11.1	305	271	11	0.96	6	5.1	304	264	2	0.94	40	6.9	304	263	3	0.94
310	16	19.8	315	276	10	0.89	17	14.5	314	283	3	0.91	62	10.7	314	276	3	0.89
320	5	6.2	324	301	9	0.89	6	5.1	325	308	3	0.90	31	5.3	324	289	7	0.85
330	6	7.4	334	323	12	0.86	8	6.8	333	325	11	0.88	26	4.5	334	321	5	0.86
340	5	6.2	346	330	17	0.79	8	6.8	343	337	8	0.84	25	4.3	344	321	9	0.79
350	1	1.2	350	280	.	0.65	2	1.7	355	368	43	0.82	6	1.0	354	353	19	0.79
360	2	2.5	362	428	13	0.90	3	2.6	363	400	52	0.84	10	1.7	362	370	24	0.78
370	2	2.5	374	400	65	0.76	4	3.4	374	350	25	0.67	7	1.2	374	367	21	0.70
380	.	.	.	.	.	.	4	3.4	383	439	24	0.78	4	0.7	383	439	24	0.78
400	.	.	.	.	.	.	.	.	.	.	.	1	0.2	402	445	.	0.68	
430	.	.	.	.	.	.	1	0.9	433	425	.	0.52	1	0.2	433	425	.	0.52
470	.	.	.	.	.	.	1	0.9	473	975	.	0.92	1	0.2	473	975	.	0.92
480	.	.	.	.	.	.	1	0.9	485	1325	.	1.16	1	0.2	485	1325	.	1.16
TOTAL/MEAN	81	100.0	279	225	13	0.92	117	100.0	283	241	16	0.90	582	100.0	227	162	6	0.96

Table 115. Length and weight data, by age, for Arctic charr caught in Keyhole Lake, 1975.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	2.1	42	0.8	1	0	1.37
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26	6.7	67	1.3	3	0	1.12
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	42	10.9	99	3.2	10	0	1.06
3	3	3.8	132	9.3	19	3	0.80	4	3.6	127	9.2	19	4	0.87	76	19.6	118	1.8	17	1	1.02
4	1	1.3	135	.	21	.	0.85	4	3.6	152	5.0	32	6	0.88	38	9.8	132	2.6	24	2	1.00
5	8	10.1	182	13.3	62	14	0.90	11	9.9	184	10.1	65	12	0.93	31	8.0	172	5.7	54	6	0.96
6	7	8.9	207	13.2	90	20	0.93	16	14.4	219	9.2	109	13	0.96	26	6.7	211	7.0	98	10	0.95
7	4	5.1	268	20.1	211	57	1.00	3	2.7	247	13.2	152	24	0.99	9	2.3	241	15.3	157	32	1.00
8	3	3.8	282	15.7	202	19	0.90	4	3.6	286	10.0	225	25	0.95	7	1.8	285	8.0	215	16	0.93
9	8	10.1	309	9.9	244	13	0.84	14	12.6	307	8.5	275	23	0.93	22	5.7	307	6.4	264	16	0.90
10	19	24.1	315	2.9	286	8	0.91	18	16.2	309	6.4	269	11	0.91	39	10.1	311	3.5	272	8	0.90
11	10	12.7	305	12.1	277	14	1.09	14	12.6	330	4.9	328	12	0.91	24	6.2	319	6.2	306	10	0.98
12	7	8.9	327	11.6	312	33	0.87	9	8.1	317	7.7	276	11	0.87	16	4.1	321	6.6	292	16	0.87
13	7	8.9	330	12.9	327	33	0.90	6	5.4	361	6.4	332	14	0.71	13	3.4	344	8.5	329	18	0.81
14	1	1.3	313	.	290	.	0.95	4	3.6	376	7.3	449	15	0.85	5	1.3	363	13.8	417	34	0.87
15	1	1.3	371	.	335	.	0.66	1	0.9	485	.	1325	.	1.16	2	0.5	428	57.0	830	495	0.91
16	.	.	.	.	.	.	.	1	0.9	473	.	975	.	0.92	1	0.3	473	.	975	.	0.92
17	.	.	.	.	.	.	.	1	0.9	333	.	270	.	0.73	1	0.3	333	.	270	.	0.73
18	.	.	.	.	.	.	.	1	0.9	433	.	425	.	0.52	1	0.3	433	.	425	.	0.52
TOTAL/MEAN	79	100.0	280	7.4	227	13	0.92	111	100.0	282	7.3	239	17	0.90	387	100.0	195	5.2	124	8	0.98

Table 116. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Keyhole Lake, 1980.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED					
			LENGTH (mm)	WEIGHT (g)		K			LENGTH (mm)	WEIGHT (g)		K			LENGTH (mm)	WEIGHT (g)		K
	N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE		N	%	MEAN	MEAN	SE	
110	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	110	9	.	0.68
130	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	137	23	.	0.89
150	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	151	28	.	0.81
170	.	.	.	.	.	.	1	1.6	174	50	.	0.95	1	0.1	174	50	.	0.95
180	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	187	82	.	1.25
190	.	.	.	.	.	.	.	.	.	.	.	.	3	0.4	195	73	8	0.99
200	1	1.8	207	79	.	0.89	.	.	.	.	.	.	11	1.5	204	85	2	1.00
210	.	.	.	.	.	.	.	.	.	.	.	.	8	1.1	216	96	3	0.95
220	.	.	.	.	.	.	.	.	.	.	.	.	9	1.2	224	113	4	1.01
230	1	1.8	232	147	.	1.18	1	1.6	236	150	.	1.14	14	1.9	234	135	3	1.05
240	.	.	.	.	.	.	.	.	.	.	.	.	5	0.7	243	146	5	1.02
250	.	.	.	.	.	.	.	.	.	.	.	.	6	0.8	255	168	3	1.02
260	1	1.8	268	190	.	0.99	.	.	.	.	.	.	8	1.1	267	193	4	1.01
270	.	.	.	.	.	.	.	.	.	.	.	.	7	1.0	273	211	10	1.03
280	.	.	.	.	.	.	.	.	.	.	.	.	3	0.4	287	237	6	1.00
290	.	.	.	.	.	.	3	4.8	296	273	15	1.05	13	1.8	295	261	5	1.02
300	1	1.8	308	250	.	0.86	1	1.6	307	300	.	1.04	12	1.6	306	298	8	1.04
310	2	3.5	315	342	14	1.10	1	1.6	311	300	.	1.00	26	3.6	315	325	4	1.04
320	16	28.1	325	330	5	0.96	1	1.6	325	350	.	1.02	83	11.4	325	342	3	1.00
330	15	26.3	334	356	8	0.95	5	7.9	336	394	18	1.04	137	18.8	335	371	2	0.99
340	14	24.6	344	384	11	0.94	11	17.5	345	409	7	0.99	148	20.3	344	397	3	0.98
350	5	8.8	352	404	16	0.93	17	27.0	355	453	8	1.01	144	19.7	354	436	3	0.98
360	.	.	.	.	.	.	11	17.5	365	474	15	0.97	48	6.6	364	470	6	0.97
370	1	1.8	373	420	.	0.81	6	9.5	373	515	30	0.99	27	3.7	374	491	10	0.94
380	.	.	.	.	.	.	3	4.8	385	555	48	0.97	9	1.2	385	552	15	0.97
390	.	.	.	.	.	.	1	1.6	398	530	.	0.84	2	0.3	395	545	15	0.89
400	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	405	540	.	0.81
410	.	.	.	.	.	.	1	1.6	416	700	.	0.97	1	0.1	416	700	.	0.97
TOTAL/MEAN	57	100.0	330	347	9	0.95	63	100.0	349	434	13	1.00	730	100.0	331	370	4	0.99

Table 117. Length and weight data, by age, for Arctic charr caught in Keyhole Lake, 1980.

AGE (years +)	FEMALES							MALES							COMBINED						
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	0.9	133	12.0	20	6	0.79
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	2.7	219	6.2	104	11	0.96
6	1	1.8	207	.	79	.	0.89	1	1.6	174	.	50	.	0.95	21	6.3	228	6.4	121	11	0.97
7	1	1.8	268	.	190	.	0.99	2	3.2	297	1.5	263	18	1.01	39	11.6	256	5.8	180	11	1.02
8	1	1.8	323	.	330	.	0.98	3	4.8	309	8.5	315	18	1.06	23	6.9	284	7.8	246	17	1.03
9	4	7.3	330	2.1	349	6	0.98	2	3.2	371	4.0	518	58	1.01	23	6.9	338	4.5	373	15	0.96
10	13	23.6	329	2.5	352	10	0.99	13	21.0	336	9.3	398	26	1.03	69	20.6	332	3.5	370	9	0.99
11	19	34.5	330	6.1	352	16	0.97	17	27.4	359	2.8	472	17	1.02	65	19.4	347	2.8	414	11	0.98
12	7	12.7	337	3.9	354	13	0.92	14	22.6	359	4.2	463	16	1.00	42	12.5	351	2.9	423	12	0.97
13	3	5.5	341	5.0	356	21	0.90	4	6.5	367	9.8	443	19	0.90	19	5.7	360	5.1	431	17	0.92
14	5	9.1	343	9.1	365	30	0.90	3	4.8	373	22.7	495	108	0.92	16	4.8	354	5.8	407	28	0.90
15	1	1.8	353	.	385	.	0.88	3	4.8	366	3.7	453	18	0.92	5	1.5	362	3.4	443	18	0.93
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.3	352	.	400	.	0.92
TOTAL/MEAN	55	100.0	329	3.5	346	9	0.95	62	100.0	349	4.4	433	13	1.00	335	100.0	317	2.9	335	7	0.98

Table 118. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Keyhole Lake, 1985.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED						
			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K			LENGTH	WEIGHT		K	
	N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		N	%	(mm) MEAN	(g) MEAN	SE		
50	2	0.0	58	4	0	2.11
60	10	0.2	68	5	0	1.49
70	12	0.3	74	5	0	1.27
90	1	0.4	95	6	0.70	13	0.3	96	8	0	0.85
100	3	1.1	105	9	1 0.81	89	2.1	105	11	1	0.96
110	6	2.1	115	14	1 0.93	11	2.8	114	14	0 0.93	178	4.3	114	14	1	0.94			
120	8	2.8	124	18	1 0.92	7	1.8	126	19	1 0.93	194	4.7	124	18	0	0.94			
130	5	1.8	134	21	2 0.89	8	2.1	133	22	1 0.94	106	2.6	133	22	0	0.93			
140	1	0.4	144	24	0.80	3	0.8	145	27	1 0.89	36	0.9	143	27	0	0.92			
150	4	1.4	154	35	3 0.94	6	1.6	155	39	2 1.03	50	1.2	155	35	1	0.95			
160	3	1.1	166	44	1 0.96	6	1.6	165	45	1 1.00	71	1.7	165	44	1	0.96			
170	5	1.8	173	51	1 0.99	10	2.6	176	55	1 1.02	115	2.8	175	52	0	0.97			
180	8	2.8	187	65	1 0.99	17	4.4	185	62	1 0.98	160	3.9	184	60	0	0.96			
190	6	2.1	195	69	2 0.93	14	3.6	194	68	5 0.92	121	2.9	194	70	1	0.95			
200	2	0.7	206	81	4 0.93	5	1.3	203	80	3 0.95	84	2.0	204	86	2	1.01			
210	1	0.4	217	108	1.06	10	2.6	214	98	2 1.00	50	1.2	214	96	1	0.99			
220	8	2.8	225	116	2 1.02	10	2.6	226	118	6 1.02	90	2.2	225	112	1	0.99			
230	21	7.5	235	127	2 0.98	18	4.7	235	129	2 0.99	132	3.2	235	129	2	1.00			
240	9	3.2	243	140	2 0.98	22	5.7	244	142	2 0.97	173	4.2	244	139	1	0.96			
250	7	2.5	254	161	5 0.98	13	3.4	254	160	3 0.97	128	3.1	253	163	4	1.00			
260	5	1.8	262	168	8 0.93	3	0.8	264	185	12 1.00	58	1.4	264	175	2	0.95			
270	1	0.4	275	209	1.00	.	.	.	.	.	28	0.7	273	196	2	0.97
280	2	0.7	285	235	36 1.02	3	0.8	286	222	12 0.94	22	0.5	285	226	4	0.98			
290	1	0.4	297	254	0.97	1	0.3	296	259	1.00	21	0.5	295	248	4	0.97			
300	.	.	.	.	.	1	0.3	305	290	1.02	26	0.6	305	274	5	0.96
310	3	1.1	317	298	6 0.94	6	1.6	314	285	16 0.91	39	0.9	314	301	5	0.97			
320	7	2.5	326	311	16 0.90	4	1.0	326	312	33 0.90	68	1.6	325	317	6	0.92			
330	25	8.9	336	321	10 0.85	8	2.1	336	347	10 0.92	183	4.4	335	335	3	0.89			
340	40	14.2	345	336	8 0.82	19	4.9	344	366	9 0.89	339	8.2	345	357	3	0.87			
350	58	20.6	355	367	6 0.82	35	9.0	354	380	7 0.86	500	12.1	354	383	2	0.86			
360	25	8.9	363	411	9 0.86	57	14.7	364	416	6 0.86	461	11.1	364	413	2	0.86			
370	7	2.5	373	478	23 0.92	41	10.6	374	446	8 0.85	305	7.4	374	445	3	0.85			
380	5	1.8	386	506	58 0.88	24	6.2	383	479	13 0.85	159	3.8	383	487	5	0.86			
390	1	0.4	396	524	0.84	14	3.6	394	563	14 0.92	75	1.8	394	528	7	0.87			
400	1	0.4	408	554	0.82	3	0.8	406	619	41 0.92	28	0.7	404	580	14	0.88			
410	2	0.7	418	694	122 0.95	1	0.3	413	716	1.02	12	0.3	414	666	27	0.94			
420	.	.	.	.	.	1	0.3	429	680	0.86	3	0.1	423	671	17	0.89
430	.	.	.	.	.	1	0.3	439	660	0.78	1	0.0	439	660	.	0.78
440	.	.	.	.	.	1	0.3	447	922	1.03	1	0.0	447	922	.	1.03
TOTAL/MEAN	281	100.0	294	264	9	0.89	387	100.0	291	278	9	0.92	4143	100.0	277	250	3	0.92	

Table 119. Length and weight data, by age, for Arctic charr caught by in Keyhole Lake, 1985.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.2	353	.	353	.	0.80	
3	1	0.5	235	.	131	.	1.01	5	1.9	142	17.1	33	15	0.93	18	3.3	105	12.0	21	8	1.23
4	12	6.4	171	16.7	65	16	0.95	14	5.3	176	16.2	72	16	0.97	50	9.1	148	8.0	47	7	0.97
5	36	19.3	193	10.1	90	14	0.94	45	17.0	186	7.3	76	8	0.97	109	19.7	180	5.5	75	6	0.96
6	10	5.3	233	7.7	125	12	0.96	37	14.0	200	7.6	88	9	0.95	58	10.5	195	6.9	86	7	0.96
7	7	3.7	163	20.2	55	21	0.93	10	3.8	224	11.3	116	15	0.98	22	4.0	191	11.7	82	12	0.95
8	2	1.1	249	14.5	147	26	0.95	4	1.5	259	29.2	197	61	1.02	7	1.3	264	18.4	198	39	0.99
9	3	1.6	325	3.8	336	25	0.97	1	0.4	152	.	32	.	0.91	4	0.7	282	43.4	260	78	0.96
10	7	3.7	348	4.0	375	20	0.88	6	2.3	358	18.7	422	59	0.90	13	2.4	353	8.6	396	29	0.89
11	15	8.0	339	7.2	355	28	0.88	20	7.6	361	4.3	439	17	0.93	40	7.2	352	3.9	399	16	0.90
12	23	12.3	350	4.7	386	16	0.89	28	10.6	355	7.5	417	22	0.91	54	9.8	351	5.3	397	15	0.89
13	28	15.0	354	2.1	362	11	0.82	29	11.0	365	3.2	443	14	0.90	62	11.2	357	3.5	392	12	0.85
14	11	5.9	353	7.1	390	44	0.86	23	8.7	367	4.6	426	18	0.85	38	6.9	358	6.5	401	19	0.85
15	14	7.5	353	6.5	355	26	0.79	23	8.7	364	3.6	425	18	0.87	38	6.9	360	3.3	395	16	0.84
16	8	4.3	356	4.2	372	20	0.82	10	3.8	379	9.5	496	56	0.88	19	3.4	369	5.8	443	33	0.86
17	8	4.3	359	7.8	417	24	0.90	7	2.7	357	12.6	383	33	0.84	15	2.7	358	6.9	402	20	0.87
18	2	1.1	352	8.5	352	38	0.81	2	0.8	345	7.0	363	5	0.88	4	0.7	348	4.9	357	16	0.85
TOTAL/MEAN	187	100.0	294	6.2	269	12	0.89	264	100.0	288	5.7	279	12	0.92	552	100.0	269	4.4	242	8	0.92

Table 120. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Keyhole Lake, 1986.

LENGTH INTERVAL (mm)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				
	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K	N	%	MEAN	SE	MEAN	SE	K
90	6	1.6	97	7	0	0.78		4	1.1	98	7	0	0.78		58	1.8	97	8	0	0.83	
100	29	7.7	104	10	0	0.87		43	11.6	105	10	0	0.87		293	9.3	105	10	0	0.85	
110	21	5.6	113	12	0	0.83		23	6.2	114	13	1	0.89		217	6.9	114	13	0	0.86	
120	6	1.6	123	16	1	0.83		11	3.0	125	18	1	0.94		72	2.3	124	17	0	0.89	
130	6	1.6	136	23	1	0.91		5	1.3	136	23	2	0.93		36	1.1	135	22	0	0.90	
140	7	1.9	144	27	1	0.92		7	1.9	145	27	1	0.90		70	2.2	145	28	0	0.92	
150	13	3.4	156	34	1	0.91		17	4.6	155	36	1	0.97		130	4.1	155	35	0	0.93	
160	14	3.7	165	42	1	0.93		18	4.8	165	42	1	0.94		191	6.0	165	42	0	0.94	
170	27	7.1	175	52	1	0.97		17	4.6	175	51	1	0.96		232	7.3	174	52	0	0.97	
180	19	5.0	184	59	1	0.96		21	5.6	185	63	1	0.99		192	6.1	184	60	0	0.97	
190	12	3.2	196	73	1	0.97		14	3.8	194	72	2	0.98		130	4.1	195	72	0	0.97	
200	14	3.7	205	83	1	0.97		10	2.7	205	83	2	0.97		86	2.7	205	83	1	0.97	
210	12	3.2	214	93	2	0.95		4	1.1	214	98	5	1.00		88	2.8	214	94	1	0.96	
220	7	1.9	225	109	2	0.95		11	3.0	224	107	2	0.95		80	2.5	224	108	1	0.96	
230	7	1.9	233	121	4	0.95		10	2.7	235	128	2	0.99		72	2.3	234	125	3	0.97	
240	1	0.3	247	138	.	0.92		6	1.6	243	138	3	0.96		26	0.8	245	141	1	0.96	
250	5	1.3	255	159	3	0.96		5	1.3	254	160	4	0.97		34	1.1	255	153	4	0.93	
260	7	1.9	263	169	3	0.93		8	2.2	267	182	3	0.96		52	1.6	265	178	1	0.95	
270	11	2.9	273	196	3	0.97		3	0.8	278	214	6	1.00		50	1.6	274	207	5	1.00	
280	3	0.8	284	228	10	0.99		9	2.4	285	222	5	0.96		26	0.8	283	222	3	0.98	
290	4	1.1	294	248	9	0.98		6	1.6	292	245	9	0.98		20	0.6	292	243	7	0.97	
300	1	0.3	305	290	.	1.02		3	0.8	302	267	11	0.97		16	0.5	303	286	11	1.03	
310	1	0.3	318	363	.	1.13		1	0.3	315	356	.	1.14		13	0.4	314	316	8	1.02	
320	3	0.8	325	330	4	0.96		4	1.1	324	335	18	0.98		25	0.8	325	338	6	0.98	
330	11	2.9	335	355	11	0.94		4	1.1	335	354	12	0.95		69	2.2	335	345	5	0.92	
340	21	5.6	345	366	12	0.89		3	0.8	345	411	13	1.00		127	4.0	345	364	4	0.89	
350	54	14.3	355	394	7	0.88		12	3.2	355	351	32	0.78		216	6.8	354	387	4	0.87	
360	37	9.8	363	412	7	0.86		24	6.5	365	454	14	0.93		207	6.5	364	423	4	0.87	
370	13	3.4	372	466	23	0.90		28	7.5	374	460	10	0.88		144	4.5	374	466	5	0.89	
380	5	1.3	382	492	32	0.88		21	5.6	385	493	11	0.87		119	3.8	384	504	5	0.89	
390	1	0.3	398	588	.	0.93		7	1.9	393	499	23	0.82		42	1.3	394	535	10	0.88	
400	.	.	.	.	.	.		5	1.3	406	683	29	1.02		19	0.6	404	602	19	0.91	
410	.	.	.	.	.	.		2	0.5	417	588	40	0.81		8	0.3	415	600	20	0.84	
420	.	.	.	.	.	.		3	0.8	423	752	40	0.99		3	0.1	423	752	40	0.99	
430	.	.	.	.	.	.		3	0.8	434	773	38	0.95		3	0.1	434	773	38	0.95	
TOTAL/MEAN	378	100.0	245	196	9	0.91		372	100.0	237	196	11	0.93		3166	100.0	231	176	3	0.92	

Table 121. Length and weight data, by age, for Arctic charr caught by in Keyhole Lake, 1986.

AGE (years +)	FEMALES						MALES						COMBINED								
			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K			LENGTH (mm)		WEIGHT (g)		K
	N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE		N	%	MEAN	SE	MEAN	SE	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0.1	120	.	15	.	0.87	
2	11	3.3	124	6.7	19	4	0.87	9	2.7	123	6.0	18	3	0.89	20	2.9	124	4.4	18	2	0.88
3	39	11.7	129	5.1	23	3	0.87	58	17.2	123	3.6	20	2	0.88	98	14.4	125	3.0	21	2	0.88
4	63	18.9	160	5.2	47	5	0.93	69	20.4	165	5.8	56	6	0.96	134	19.7	163	3.9	51	4	0.95
5	60	18.0	200	6.1	89	8	0.95	60	17.8	203	6.1	94	8	0.95	121	17.8	201	4.3	91	6	0.95
6	20	6.0	229	11.2	132	18	0.96	22	6.5	237	12.2	137	17	0.94	44	6.5	232	8.0	133	12	0.95
7	4	1.2	265	28.6	198	64	0.95	6	1.8	269	22.9	214	47	0.99	10	1.5	268	16.9	207	36	0.98
8	1	0.3	344	.	340	.	0.84	4	1.2	319	17.9	326	53	0.97	5	0.7	324	14.7	329	41	0.95
9	11	3.3	348	4.2	389	17	0.92	5	1.5	368	9.7	487	48	0.96	16	2.4	355	4.7	420	21	0.94
10	21	6.3	355	3.6	406	13	0.91	10	3.0	364	12.3	469	52	0.94	31	4.6	358	4.6	427	19	0.92
11	27	8.1	355	1.9	406	11	0.90	16	4.7	361	7.1	413	31	0.87	43	6.3	357	2.9	409	13	0.89
12	37	11.1	356	3.3	408	14	0.90	31	9.2	380	4.0	506	21	0.91	68	10.0	367	3.0	453	14	0.90
13	21	6.3	355	2.6	379	17	0.85	16	4.7	376	4.2	477	21	0.89	37	5.4	364	2.9	422	15	0.87
14	7	2.1	357	4.1	365	22	0.80	10	3.0	374	5.0	448	24	0.85	18	2.7	367	3.7	415	18	0.83
15	5	1.5	366	6.3	427	22	0.87	10	3.0	379	11.0	474	39	0.85	15	2.2	375	7.7	458	27	0.86
16	4	1.2	364	6.0	438	11	0.91	8	2.4	373	3.9	447	19	0.86	12	1.8	370	3.4	444	13	0.88
17	2	0.6	351	7.5	418	34	0.98	4	1.2	371	24.8	568	113	1.08	6	0.9	364	16.3	518	79	1.05
TOTAL/MEAN	333	100.0	247	5.5	202	10	0.91	338	100.0	240	5.8	203	11	0.92	679	100.0	243	4.0	201	7	0.92

Table 122. Length and weight data, by 10mm fork length intervals, for Arctic charr caught in Keyhole Lake, 1988.

LENGTH INTERVAL (mm)	FEMALES					MALES					COMBINED							
	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		K	N	%	LENGTH	WEIGHT		
			(mm)	(g)	SE				(mm)	(g)	SE				(mm)	(g)	SE	
90	2	1.8	97	8	2	0.83	.	.	.	.	.	10	1.0	97	7	0	0.82
100	3	2.6	103	10	1	0.92	1	0.8	108	9	0.71	34	3.5	104	10	0	0.89	
110	.	.	.	.	.	.	.	.	.	.	.	8	0.8	113	13	1	0.88
120	.	.	.	.	.	.	1	0.8	128	17	0.81	6	0.6	127	17	2	0.83
130	.	.	.	.	.	.	3	2.5	135	22	0.89	9	0.9	135	21	1	0.86
140	.	.	.	.	.	.	.	.	.	.	.	13	1.3	146	29	1	0.93
150	1	0.9	152	28	.	0.80	.	.	.	.	.	21	2.1	154	33	1	0.90
160	6	5.3	163	38	1	0.87	1	0.8	162	40	0.94	44	4.5	165	41	1	0.91	
170	7	6.1	177	51	1	0.92	9	7.6	175	49	0.92	73	7.5	175	50	1	0.93	
180	5	4.4	185	57	2	0.91	10	8.5	184	59	0.94	95	9.7	184	58	0	0.93	
190	6	5.3	195	68	3	0.91	7	5.9	195	68	0.91	88	9.0	195	70	1	0.94	
200	3	2.6	208	85	1	0.94	1	0.8	209	77	0.84	69	7.0	204	82	1	0.95	
210	3	2.6	215	97	3	0.98	5	4.2	214	91	0.92	46	4.7	214	93	1	0.95	
220	2	1.8	223	106	16	0.95	1	0.8	222	115	1.05	61	6.2	224	110	1	0.97	
230	3	2.6	233	122	1	0.96	1	0.8	234	129	1.01	56	5.7	234	122	1	0.95	
240	2	1.8	244	140	10	0.96	2	1.7	244	135	0.93	57	5.8	245	139	1	0.95	
250	2	1.8	257	162	6	0.96	5	4.2	257	164	0.97	46	4.7	255	157	2	0.95	
260	4	3.5	266	180	5	0.96	2	1.7	262	182	1.01	39	4.0	264	177	3	0.97	
270	.	.	.	.	.	.	.	.	.	.	.	17	1.7	274	196	3	0.95
280	1	0.9	282	239	.	1.07	1	0.8	288	227	0.95	12	1.2	286	228	4	0.98	
290	.	.	.	.	.	.	.	.	.	.	.	16	1.6	295	239	11	0.92
300	2	1.8	305	275	1	0.97	8	6.8	304	283	1.01	11	1.1	304	279	5	1.00	
310	3	2.6	314	313	7	1.01	4	3.4	314	299	0.97	7	0.7	314	305	5	0.99	
320	3	2.6	327	348	18	1.00	7	5.9	324	350	1.03	13	1.3	324	349	9	1.02	
330	4	3.5	332	373	15	1.03	4	3.4	334	386	1.04	11	1.1	334	377	12	1.02	
340	3	2.6	342	386	20	0.96	4	3.4	347	427	1.02	7	0.7	345	409	13	1.00	
350	5	4.4	353	418	15	0.95	3	2.5	352	424	0.97	10	1.0	352	422	11	0.97	
360	8	7.0	363	436	16	0.92	2	1.7	363	379	0.79	12	1.2	362	417	15	0.88	
370	11	9.6	374	487	19	0.93	8	6.8	373	500	0.96	26	2.7	374	489	11	0.93	
380	6	5.3	384	517	13	0.92	3	2.5	385	556	0.98	14	1.4	384	533	11	0.95	
390	6	5.3	396	588	34	0.95	6	5.1	394	573	0.94	15	1.5	395	581	16	0.94	
400	8	7.0	403	644	27	0.99	5	4.2	403	622	0.95	13	1.3	403	636	18	0.97	
410	2	1.8	415	798	11	1.12	3	2.5	417	752	1.04	5	0.5	416	770	17	1.07	
420	3	2.6	426	822	58	1.06	2	1.7	427	786	1.01	6	0.6	426	804	34	1.04	
430	.	.	.	.	.	.	6	5.1	434	758	0.93	6	0.6	434	758	33	0.93
440	.	.	.	.	.	.	3	2.5	445	868	0.99	3	0.3	445	868	15	0.99
TOTAL/MEAN	114	100.0	293	316	22	0.95	118	100.0	296	326	23	0.96	979	100.0	230	157	5	0.94