Northwest Atlantic Fisheries Organization

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SCIENTIFIC COUNCIL MEETING - JUNE 1990

List of Biological Sampling Data for 1988

by

NAFO Secretariat

1. Further to SCS Doc. 89/10 which contained lists of biological sampling data for 1987 that had been reported to the Secretariat prior to the June 1989 Meeting of the Scientific Council, this report contains lists of available data for 1988. The lists include both nationally-collected data and data collected through the Scientific Observer Program, as indicted in the country headings.

2. Summaries of the available data for 1988 are given in two tables. Table 1 contains the names of countries whose catches were sampled by species and division. Footnotes indicate that the data were collected by scientific observers at sea. Table 2 contains, for each country (or country component), the numbers of fish measured and aged by species, division, gear type and month. The heading for each country indicates whether the data were collected in accordance with its national sampling program or by coastal state observers through the Scientific Observer Program.

3. In the "Contents" below, asterisks (*) indicate that the Secretariat has been provided with listings of data only. The Secretariat will arrange for the provision of actual data following formal requests from fisheries institutes and/or scientists who are directly involved in the work of NAFO.

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Table 1. List of countries, species and divisions for which sampling data were reported in 1988.

Year	Country	Species	Division
1988	Canada (SF)	Cod	4V,4W,4X,5Z
		Haddock	4T,4V,4W,4X,5Z
		Redfish	4V,4X
		Pollock	4R,4V,4W,4X,5Z
		American plaice	4V,4W
		Witch flounder	4V
		Yellowtail flounder	4V
		Winter flounder	4X
		Cusk	4W,4X
		White hake	4X
	Canada (M)*	Cod	2J,3K,3L,3N,3O,3Pn,3Ps,4R,4S, 4Vn,4Vs,4W,4X,5Zc
		Haddock	3K,3N,3O,3Ps,4S,4Vn,4Vs,4W,4X, 5Zc
		Redfish	2J,3K,3L,3O,3Pn,3Ps,4R,4S,4Vn, 4Vs,4W,4X
		Silver hake	3Ps,4Vs,4W,4X,5Zc
		Pollock	3K,3Pn,3Ps,4R,4S,4Vn,4Vs,4W, 4X,5Zc
		American plaice	2J,3K,3L,3O,3Ps,4Vn,4Vs,4X
		Witch flounder	3K,3O 3Ps,4R,4S,4Vn,4Vs,4X
		Yellowtail flounder	3L,3N,4Vs
		Greenland halibut	2J,3K,3O
		Atlantic halibut	2J,3K,3L,3N,3O,3Pn,3Ps,4R,4Vn, 4Vs,4W,4X,5Zc
		White hake	3O,3Pn,4Vs
		Mackerel	4W
		Argentine	4Vs
		Capelin	3K
		Surf clam	4Vs
	Cuba*	Cod	4W
		Haddock	4W,4X
		Redfish	4W
		Silver hake	4W,4X
		Red hake	4W
		Pollock	4W
		American plaice	4W
		Witch flounder	4W
		Yellowtail flounder	4W
		Cusk	4W
		White hake	4W
		Herring	4W
		Mackerel	4W
		Argentine	4W,4X
		Squid (Illex)	4W
	Japan*	Cod	4Vs
		Haddock	3O
		Redfish	3O,4Vn,4Vs
		Silver hake	3O
		American plaice	3O
		Witch flounder	3O
		White hake	3O
		Swordfish	3O,4Vs,4W,4X
		Albacore tuna	3O,4Vs,4W,4X
		Bigeye tuna	3O,4Vs,4W,4X
		Bluefin tuna	3O,4Vs,4W,4X
		Yellowfin tuna	3O,4Vs,4W,4X
		Argentine	3O,4Vs
	Poland*	Silver hake	4W
		Herring	4W,4X
		Mackerel	4W,4X

Table 1. (Continued)

Year	Country	Species	Division
1988	USSR*	Cod	4W,4X
		Haddock	4W,4X
		Redfish	4W,4X
		Silver hake	4W,4X
		Red hake	4W,4X
		Pollock	4W,4X
		American plaice	4W
		Witch flounder	4W
		Yellowtail flounder	4W
		Atlantic halibut	4W
		Cusk	4W,4X
		White hake	4W,4X
		Herring	4W
		Mackerel	4W
		Alewife	4W
		Argentine	4W,4X
		Squid (Illex)	4W,4X
	USA*	Surf clam	3L,3N,4Vs,4W
	Canada (N)	Cod	2J,3K,3L,3N,3O,3Ps
		Haddock	3N,3O,3Ps
		Redfish, golden	2J
		Redfish, beaked	2J,3K,3L,3Pn,3Ps
		American plaice	2J,3K,3L,3N,3O,3Ps
		Witch flounder	3K,3L,3N,3O,3Ps
		Yellowtail flounder	3L,3N,3O
		Greenland halibut	2J,3K,3L
	Canada (M)**	Cod	2J,3K,3L
		Greenland halibut	0B,2H,2J,3K,NK
	Canada (N)**	Cod	2J,3K,3L,3N,3O
		Redfish, beaked	3K,3L
		American plaice	2J,3K,3L
		Witch flounder	3K,3L
		Yellowtail flounder	3L,3N
		Greenland halibut	2J,3K
	Cuba**	Redfish, beaked	3M,3N,3O
	Faroes**	Cod	2J,3K
		Greenland halibut	0,2G,2H
	GDR**	Redfish, beaked	3L
		Greenland halibut	2H,3K
	Japan**	Redfish, beaked	3O
		Greenland halibut	2G,2H,3K
	Poland**	Greenland halibut	2H,3K
	USSR**	Redfish, beaked	3O
		Greenland halibut	0,2H,2J,3K
	Canada (Q)	Cod	3Pn,4R,4S,4T
		Haddock	4T
		Redfish	4R,4S,4T
		American plaice	4S,4T
		Greenland halibut	4S,4T
		Atlantic halibut	4S,4T
		White hake	4S,4T
		Herring	4R,4S,4T
		Mackerel	4R,4T,4V,4X
		Capelin	4S,4T
		Sea scallop	4S,4T
		Icelandic scallop	4S,4T
		Whelks (NS)	4S,4T
		Queen crab	4S,4T
		American lobster	4T
		Pink (pandalid) shrimps	4R,4S,4T

Table 1. (Continued)

Year	Country	Species	Division
1988	Cuba	Redfish	3M
		Silver hake	4W
	Greenland	Greenland halibut	1A,1D,1F
	GDR	Redfish, beaked	3L
		Roundnose grenadier	3K
		Mackerel	5Zw,6A,6B,6C
	Portugal	Cod	3M,3N
		Redfish	3M
		American plaice	3N
		Yellowtail flounder	3N
	USSR	Silver hake	4W
		Redfish, beaked	3L,3N,3O
		Greenland halibut	0B,1BCD,2G,2Gh,2H,3K
		Roundnose grenadier	0B,2G,3K
	USA	Cod	3N,5Y,5Zu,5Zw
		Haddock	5Y,5Zu
		Redfish	4X,5Y,5Zu
		Silver hake	5Y,5Zu,5Zw,6A,6B
		Red hake	5Y,5Zu,5Zw,6A,6B
		Pollock	4X,5Y,5Zu
		American plaice	3N,3O,5Y,5Zu
		Witch flounder	3N,3O,5Y,5Zu,6A
		Yellowtail flounder	3N,3O,5Y,5Zu,5Zw,6A
		Winter flounder	5Y,5Zu,5Zw,6A
		Summer flounder	5Y,5Zu,5Zw,6A,6B,6C
		Windowpane flounder	5Zu,5Zw
		Cusk	5Y,5Zu
		Scup	5Zw,6A,6B
		White hake	4X,5Y,5Zu
		Herring	5Y
		Mackerel	5Y,5Zw,6A,6B,6C
		Butterfish	5Zw,6A,6B
		Black seabass	5Zw,6A,6B
		Squid (Loligo)	5Y,5Zw,6A,6B,6C
		Squid (Illex)	6B,6C
		Sea scallop	5Y,5Zu,5Zw,6A,6B,6C

* Data from Scientific Observer Program - Canada (SF)
** Data from Scientific Observer Program - Canada (N)

Table 2. List of sampling data reported for 1988.

CANADA (SF) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	4V	OTB	JAN	CL	4	862	4	59
			FEB	CL	8	2237	8	173
			MAR	CL	4	1364	4	103
			APR	CL	9	2540	9	221
			MAY	CL	5	1570	5	139
			JUN	CL	4	1043	4	40
			JUL	CL	3	968	3	56
			AUG	CL	2	454	2	65
			SEP	CL	6	1595	6	186
			OCT	CL	7	1874	7	88
			NOV	CL	8	2067	8	218
			DEC	CL	11	3352	11	183
		SDN	MAY	CL	4	1051	4	196
			JUN	CL	2	464	2	106
		GN	JUL	CL	1	233	-	-
		LL	APR	CL	2	554	2	129
			MAY	CL	9	3347	9	639
			JUN	CL	4	1457	4	252
			JUL	CL	2	622	2	128
			AUG	CL	8	2778	8	431
			SEP	CL	9	2861	9	508
			OCT	CL	3	844	3	170
			DEC	CL	2	643	2	102
		LHP	MAY	CL	2	548	2	94
			JUL	CL	1	184	1	44
	4W	OTB	SEP	CL	2	400	2	51
		GN	JUL	CL	1	100	1	40
			AUG	CL	4	511	4	30
		LL	APR	CL	1	231	1	35
			JUN	CL	2	543	2	42
			AUG	CL	1	350	1	26
			OCT	CL	1	326	1	35
		LHP	MAY	CL	1	138	1	30
	4X	OTB	JAN	CL	6	1661	6	248
			FEB	CL	7	1810	7	364
			MAR	CL	3	646	3	86
			APR	CL	3	852	3	170
			MAY	CL	2	598	2	112
			JUN	CL	4	1319	4	208
			JUL	CL	1	210	1	30
			AUG	CL	2	360	2	39
			SEP	CL	3	740	3	109
			OCT	CL	2	552	2	78
			DEC	CL	4	1239	4	160
		GN	AUG	CL	2	93	2	55
			SEP	CL	2	279	2	92
			OCT	CL	2	230	2	91
		LL	JAN	CL	6	1444	6	281
			FEB	CL	2	623	2	86
			APR	CL	1	304	1	47
			MAY	CL	1	207	1	80
			JUN	CL	2	375	2	112

Table 2. (Continued)

CANADA (SF) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len. samples No.	Len. samples No.meas.	Age samples No.	Age samples No.aged
			JUL	CL	1	212	1	62
			AUG	CL	2	570	2	134
			SEP	CL	1	318	1	47
			OCT	CL	1	292	1	60
			NOV	CL	1	485	1	41
		LHP	MAY	CL	1	113	1	62
			AUG	CL	1	84	1	29
			SEP	CL	1	47	1	35
	5Z	OTB	JUN	CL	10	2626	10	401
			JUL	CL	3	848	3	99
			AUG	CL	1	252	1	46
			SEP	CL	5	1337	5	233
			OCT	CL	2	804	2	127
		GN	JUN	CL	1	405	1	53
			JUL	CL	1	340	1	50
			AUG	CL	2	483	2	93
		LL	MAR	CL	2	651	2	129
			APR	CL	2	628	2	143
			JUN	CL	4	1149	4	276
			JUL	CL	1	174	1	48
			AUG	CL	4	1115	4	110
			SEP	CL	3	867	3	176
HAD	4T	SDN	JUL	CL	1	251	1	28
	4V	OTB	JAN	CL	3	593	3	54
			FEB	CL	1	209	1	14
			MAR	CL	1	195	1	18
			APR	CL	3	594	3	35
			MAY	CL	3	615	3	41
			JUN	CL	3	734	3	49
			JUL	CL	5	1020	5	64
			AUG	CL	4	818	4	72
			SEP	CL	5	1035	5	108
			OCT	CL	5	986	5	100
			DEC	CL	1	200	-	-
		SDN	AUG	CL	1	214	1	15
		LL	APR	CL	1	179	1	23
			JUN	CL	1	199	1	16
			JUL	CL	1	249	1	26
			AUG	CL	1	215	1	21
	4W	OTB	MAR	CL	2	423	2	53
		GN	AUG	CL	1	130	1	19
		LL	JUN	CL	2	369	2	17
			JUL	CL	2	369	2	29
			AUG	CL	3	498	3	46
			SEP	CL	4	786	4	43
	4X	OTB	JAN	CL	10	2259	10	135
			FEB	CL	8	1696	8	113
			MAR	CL	3	680	3	80
			APR	CL	7	1582	7	149
			MAY	CL	7	1556	7	114
			JUN	CL	9	2076	9	151
			JUL	CL	2	429	2	50
			AUG	CL	3	617	3	76
			SEP	CL	3	673	3	53
			OCT	CL	1	195	1	25
			DEC	CL	3	701	3	77

Table 2. (Continued)

CANADA (SF) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		GN	AUG	CL	1	16	1	10
		LL	JAN	CL	5	1067	5	88
			FEB	CL	2	475	2	55
			AUG	CL	2	233	2	40
			SEP	CL	5	1241	5	105
			OCT	CL	3	593	3	58
			NOV	CL	1	115	1	19
			DEC	CL	4	922	4	86
	5Z	OTB	JUN	CL	9	2031	9	239
			JUL	CL	5	1055	5	122
			AUG	CL	2	473	2	58
			SEP	CL	3	691	3	88
			OCT	CL	1	200	1	24
			NOV	CL	1	230	1	30
		GN	JUL	CL	1	159	1	26
		LL	MAR	CL	4	954	4	142
			APR	CL	1	247	1	34
			JUN	CL	1	282	1	36
			SEP	CL	1	219	1	27
RED	4V	OTB	FEB	CL	2	399	-	-
			MAR	CL	1	342	-	-
			APR	CL	4	802	-	-
			MAY	CL	4	824	-	-
			JUN	CL	5	1199	-	-
			JUL	CL	2	490	-	-
			SEP	CL	3	745	-	-
			OCT	CL	5	1001	-	-
			NOV	CL	1	197	-	-
			DEC	CL	1	204	-	-
	4X	OTB	FEB	CL	1	210	-	-
			APR	CL	1	200	-	-
			MAY	CL	2	500	-	-
			JUN	CL	2	430	-	-
			JUL	CL	1	200	-	-
			AUG	CL	1	200	-	-
			SEP	CL	1	240	-	-
POL	4R	OTB	JAN	CL	2	524	2	37
	4V	OTB	JAN	CL	3	631	3	80
			FEB	CL	6	1286	6	117
			MAR	CL	5	1197	5	98
			APR	CL	8	2136	8	204
			MAY	CL	3	747	3	50
			JUN	CL	7	1583	7	165
			JUL	CL	3	702	3	89
			AUG	CL	3	747	3	89
			SEP	CL	6	1139	6	117
			OCT	CL	8	1937	8	190
			NOV	CL	1	194	1	26
			DEC	CL	1	258	-	-
		LHP	MAY	CL	1	298	1	26
	4W	OTB	MAR	CL	2	611	2	69
			AUG	CL	1	200	1	23
			DEC	CL	1	185	1	37
		GN	JUL	CL	1	43	1	14
			SEP	CL	2	195	-	-

Table 2. (Continued)

Canada (SF) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4X	OTB	JAN	CL	6	1438	6	207
			FEB	CL	2	510	2	56
			MAR	CL	3	641	3	91
			APR	CL	5	1150	5	140
			MAY	CL	5	1217	5	113
			JUN	CL	4	1019	4	65
			JUL	CL	7	1508	7	175
			AUG	CL	1	315	1	33
			SEP	CL	1	246	1	32
			NOV	CL	1	200	1	28
			DEC	CL	5	1110	5	152
		GN	AUG	CL	5	1293	5	116
			SEP	CL	5	1144	5	132
			OCT	CL	2	477	2	47
		LHP	MAY	CL	2	430	2	62
			JUN	CL	1	200	1	31
			AUG	CL	1	152	1	29
		FPN	JUN	CL	1	220	1	33
	5Z	OTB	JUN	CL	1	299	1	30
			OCT	CL	1	190	1	34
		GN	JUN	CL	1	253	1	27
			JUL	CL	1	207	1	28
			AUG	CL	1	271	1	38
PLA	4V	OTB	JAN	CL	1	206	1	26
			FEB	CL	2	380	2	79
			APR	CL	2	381	2	30
			MAY	CL	3	475	3	101
			JUN	CL	2	592	2	74
			JUL	CL	1	115	1	18
			OCT	CL	2	498	2	92
		SDN	JUL	CL	1	311	1	36
		LL	MAY	CL	1	327	1	39
			AUG	CL	1	206	1	29
			SEP	CL	1	140	1	30
	4W	LL	OCT	CL	1	316	1	43
WIT	4V	OTB	FEB	CL	1	192	-	-
			APR	CL	2	354	-	-
			DEC	CL	1	220	-	-
		SDN	MAY	CL	1	231	-	-
			JUN	CL	1	238	-	-
YEL	4V	OTB	MAY	CL	1	200	-	-
			OCT	CL	2	413	-	-
FLW	4X	OTB	MAY	CL	4	942	-	-
			SEP	CL	2	406	-	-
		GN	AUG	CL	1	18	-	-
USK	4W	LL	JUN	CL	1	116	-	-
	4X	GN	AUG	CL	1	18	-	-
HKW	4X	GN	AUG	CL	1	34	-	-
		LL	SEP	CL	1	265	-	-

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	2J	ST	MAR	OC	1	205	-	-
			APR	OC	1	217	-	-
		OTB	JAN	OC	42	7371	-	-
			MAR	OC	21	3428	-	-
			APR	OC	34	3606	-	-
	3K	ST	MAR	OC	3	489	-	-
			APR	OC	3	536	-	-
		OTB	JAN	OC	55	9225	-	-
			FEB	OC	111	17884	-	1
			MAR	OC	14	2064	-	-
			APR	OC	10	1706	-	-
			MAY	OC	4	895	-	-
			AUG	OC	12	1773	-	-
			SEP	OC	2	142	-	-
	3L	OTB	JAN	OC	5	662	-	-
			FEB	OC	42	4922	-	-
			MAR	OC	26	3511	-	-
			APR	OC	4	567	-	-
			MAY	OC	1	66	-	-
			JUN	OC	10	542	-	-
			JUL	OC	2	350	-	-
			AUG	OC	4	344	-	-
			SEP	OC	28	3394	-	-
			OCT	OC	1	132	-	-
	3N	OTB	SEP	OC	1	166	-	-
			OCT	OC	1	44	-	-
			NOV	OC	5	163	-	-
	3O	OTB	JAN	OC	6	587	-	-
			FEB	OC	1	9	-	-
			MAR	OC	3	104	-	-
			MAY	OC	1	137	-	11
			DEC	OC	9	439	-	-
		LL	FEB	OC	1	96	-	-
	3Pn	OTB	JAN	OC	14	2018	-	-
			FEB	OC	13	1468	-	-
			APR	OC	1	24	-	-
	3Ps	OTB	JAN	OC	1	135	-	-
			FEB	OC	1	79	-	-
			MAR	OC	1	151	-	-
			DEC	OC	6	465	-	-
	4R	OTB	JAN	OC	3	385	-	38
	4S	OTB	JAN	OC	6	722	-	-
	4Vn	OTB	JAN	OC	11	1323	-	-
			FEB	OC	11	2099	-	-
			MAR	OC	13	1753	-	11
			APR	OC	20	1782	-	23
			SEP	OC	6	468	-	37
			OCT	OC	1	29	-	-
	4Vs	OTB	JAN	OC	33	3943	-	83
			FEB	OC	24	3205	-	82
			MAR	OC	17	2030	-	22
			APR	OC	26	3226	-	31
			MAY	OC	7	961	-	-
			JUN	OC	4	353	-	-
			JUL	OC	7	790	-	-
			AUG	OC	52	5450	-	36
			SEP	OC	41	5275	-	3

Table 2. (Continued)

CANADA (M). (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
			OCT	OC	57	4456	-	49
			NOV	OC	65	6173	-	133
			DEC	OC	43	5207	-	34
		LL	FEB	OC	2	204	-	-
			MAR	OC	3	498	-	-
	4W	OTB	MAY	OC	1	106	-	-
			SEP	OC	4	357	-	3
			OCT	OC	4	211	-	12
			DEC	OC	1	97	-	-
	4X	OTB	JAN	OC	2	191	-	-
			MAR	OC	2	267	-	-
			MAY	OC	3	110	-	11
			NOV	OC	6	579	-	-
			DEC	OC	4	364	-	-
	5Zc	OTB	JUN	OC	2	25	-	11
			JUL	OC	8	602	-	-
			OCT	OC	16	1747	-	24
HAD	3K	OTB	JAN	OC	2	2	-	-
			FEB	OC	2	2	-	1
	3N	OTB	OCT	OC	1	61	-	-
			NOV	OC	1	51	-	-
	3O	OTB	JAN	OC	6	793	-	30
			FEB	OC	9	1738	-	18
			MAR	OC	7	1377	-	13
			APR	OC	1	166	-	-
			SEP	OC	11	1983	-	21
			OCT	OC	1	98	-	-
			NOV	OC	1	44	-	-
			DEC	OC	1	131	-	-
		LL	FEB	OC	1	194	-	-
			MAR	OC	1	104	-	-
	3Ps	OTB	SEP	OC	2	262	-	18
			DEC	OC	1	73	-	-
	4S	OTB	JAN	OC	1	15	-	-
	4Vn	OTB	JAN	OC	1	4	-	-
			FEB	OC	2	76	-	14
			MAR	OC	2	84	-	-
			APR	OC	2	22	-	15
			SEP	OC	3	147	-	19
	4Vs	OTB	JAN	OC	8	765	-	17
			FEB	OC	6	602	-	19
			MAR	OC	4	289	-	25
			APR	OC	9	465	-	13
			MAY	OC	3	291	-	47
			JUN	OC	1	33	-	-
			JUL	OC	5	206	-	49
			AUG	OC	16	1081	-	57
			SEP	OC	9	736	-	18
			OCT	OC	24	931	-	124
			NOV	OC	14	663	-	68
			DEC	OC	8	568	-	31
		LL	MAR	OC	1	94	-	-

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4W	OTB	MAR	OC	3	144	-	-
			APR	OC	1	29	-	15
			AUG	OC	1	55	-	-
			SEP	OC	2	141	-	10
			DEC	OC	1	93	-	-
	4X	OTB	JAN	OC	4	350	-	-
			FEB	OC	8	602	-	-
			APR	OC	3	136	-	5
			MAY	OC	1	64	-	8
			JUL	OC	2	99	-	34
			NOV	OC	2	121	-	-
			DEC	OC	3	379	-	-
	5Zc	OTB	JUN	OC	2	152	-	-
			JUL	OC	6	348	-	11
			OCT	OC	12	936	-	22
		LL	FEB	OC	2	242	-	-
RED	2J	ST	MAR	OC	1	210	-	-
	3K	ST	MAR	OC	4	815	-	-
			APR	OC	2	273	-	-
		OTB	JAN	OC	8	1193	-	-
			FEB	OC	6	620	-	1
			MAR	OC	13	2042	-	-
			APR	OC	7	705	-	24
			MAY	OC	2	234	-	-
			AUG	OC	4	607	-	-
			SEP	OC	3	279	-	-
	3L	OTB	FEB	OC	1	257	-	-
			MAR	OC	3	447	-	-
			MAY	OC	16	2971	-	-
			JUN	OC	38	7621	-	-
			JUL	OC	52	12575	-	-
			AUG	OC	35	6657	-	-
			SEP	OC	14	2529	-	-
	3O	OTB	JAN	OC	2	266	-	-
			FEB	OC	1	224	-	-
			MAR	OC	1	228	-	-
			AUG	OC	2	284	-	-
			DEC	OC	1	41	-	-
	3Pn	OTB	FEB	OC	26	5115	-	-
			MAR	OC	2	361	-	-
			APR	OC	40	6876	-	-
			MAY	OC	2	341	-	-
	3Ps	OTB	JAN	OC	1	75	-	-
			FEB	OC	4	699	-	-
			NOV	OC	5	532	-	-
			DEC	OC	5	938	-	-
	4R	OTB	JAN	OC	11	1926	-	-
			FEB	OC	2	352	-	-
			MAR	OC	1	196	-	-
			JUN	OC	2	259	-	-
			OCT	OC	13	2977	-	-
			NOV	OC	3	625	-	-
			DEC	OC	2	470	-	-
	4S	OTB	JAN	OC	3	441	-	-
			JUN	OC	3	296	-	-
			OCT	OC	5	1087	-	-
			NOV	OC	4	860	-	-
			DEC	OC	5	1022	-	-

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4Vn	OTB	FEB	OC	1	2	-	-
			APR	OC	28	4772	-	-
			MAY	OC	29	5572	-	-
			JUN	OC	4	810	-	-
			AUG	OC	2	374	-	-
			SEP	OC	1	109	-	-
			OCT	OC	2	207	-	-
			DEC	OC	3	578	-	-
	4Vs	ST	NOV	OC	1	108	-	-
		OTB	JAN	OC	3	138	-	-
			MAR	OC	7	1128	-	-
			APR	OC	5	754	-	-
			JUN	OC	3	480	-	-
			JUL	OC	4	650	-	-
			AUG	OC	11	885	-	-
			SEP	OC	12	1416	-	-
			OCT	OC	14	1311	-	-
			NOV	OC	2	138	-	-
			DEC	OC	1	224	-	-
	4W	OTB	MAR	OC	1	233	-	-
			APR	OC	4	766	-	-
			JUL	OC	2	493	-	-
			AUG	OC	1	178	-	-
			SEP	OC	2	226	-	-
			OCT	OC	5	534	-	-
			DEC	OC	1	132	-	-
	4X	OTB	MAR	OC	5	1074	-	-
			APR	OC	9	1857	-	-
			MAY	OC	4	752	-	-
			JUL	OC	2	195	-	-
			AUG	OC	1	238	-	-
			OCT	OC	4	489	-	-
			NOV	OC	9	1444	-	-
HKS	3Ps	OTB	FEB	OC	1	13	-	-
			MAR	OC	1	175	-	-
	4Vs	OTB	NOV	OC	1	95	-	-
	4W	ST	NOV	OC	1	153	-	-
		OTB	MAY	OC	10	2048	-	-
			OCT	OC	1	31	-	-
			DEC	OC	1	22	-	21
	4X	OTB	APR	OC	1	45	-	-
			MAY	OC	2	364	-	-
			NOV	OC	1	40	-	-
	5Zc	OTB	OCT	OC	1	72	-	-
POK	3K	OTB	JAN	OC	1	1	-	-
	3Pn	OTB	JAN	OC	1	35	-	-
			FEB	OC	1	33	-	-
	3Ps	OTB	DEC	OC	1	56	-	-
	4R	OTB	NOV	OC	1	2	-	-
	4S	OTB	OCT	OC	2	6	-	-
			NOV	OC	1	14	-	-

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SFD))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4Vn	OTB	FEB	OC	3	279	-	-
			MAR	OC	2	321	-	-
			APR	OC	8	1047	-	-
			MAY	OC	2	24	-	-
			AUG	OC	2	170	-	-
			SEP	OC	11	1592	-	-
			OCT	OC	1	39	-	-
	4Vs	OTB	JAN	OC	4	612	-	-
			FEB	OC	5	500	-	-
			MAR	OC	16	1793	-	-
			APR	OC	17	1821	-	-
			MAY	OC	7	946	-	-
			JUN	OC	2	127	-	30
			JUL	OC	17	2246	-	29
			AUG	OC	14	1627	-	31
			SEP	OC	27	3992	-	-
			OCT	OC	32	3520	-	14
			NOV	OC	6	535	-	20
			DEC	OC	2	49	-	-
	4W	OTB	JAN	OC	1	56	-	-
			MAR	OC	20	2214	-	-
			JUL	OC	2	311	-	-
			AUG	OC	2	201	-	-
			SEP	OC	15	1372	-	25
			OCT	OC	7	687	-	-
	4X	OTB	JAN	OC	9	673	-	31
			MAR	OC	1	50	-	-
			APR	OC	6	1143	-	-
			MAY	OC	6	981	-	-
			JUN	OC	8	1225	-	10
			JUL	OC	19	2146	-	-
			AUG	OC	2	234	-	-
			OCT	OC	4	550	-	-
			NOV	OC	10	1184	-	-
			DEC	OC	27	4163	-	71
	5Zc	OTB	JUN	OC	1	89	-	4
			JUL	OC	4	350	-	-
			OCT	OC	1	69	-	-
			NOV	OC	1	75	-	-
PLA	2J	ST	MAR	OC	1	165	-	-
	3K	ST	APR	OC	1	178	-	-
		OTB	JAN	OC	2	239	-	-
			FEB	OC	1	55	-	-
			MAR	OC	2	54	-	-
			MAY	OC	1	86	-	-
			SEP	OC	1	4	-	4
	3L	OTB	JUN	OC	12	1389	-	-
			JUL	OC	1	170	-	-
			SEP	OC	4	329	-	35
	3O	OTB	MAY	OC	2	435	-	9
		LL	FEB	OC	2	203	-	-
	3Ps	OTB	DEC	OC	1	50	-	-
	4Vn	OTB	MAR	OC	3	129	-	-
			APR	OC	5	250	-	9

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4Vs	ST	NOV	OC	1	109	-	-
		OTB	JAN	OC	14	1644	-	16
			FEB	OC	7	931	-	-
			MAR	OC	10	804	-	39
			APR	OC	2	174	-	-
			MAY	OC	1	34	-	13
			JUN	OC	1	95	-	-
			AUG	OC	5	360	-	20
			SEP	OC	2	53	-	34
			OCT	OC	10	486	-	15
			DEC	OC	1	49	-	-
	4X	OTB	FEB	OC	2	26	-	22
WIT	3K	OTB	JAN	OC	3	162	-	-
			FEB	OC	1	35	-	-
			MAR	OC	6	1131	-	-
			APR	OC	1	111	-	-
			MAY	OC	1	59	-	-
	3O	OTB	JAN	OC	2	187	-	-
			MAR	OC	1	112	-	-
			DEC	OC	2	167	-	-
	3Ps	OTB	DEC	OC	1	36	-	-
	4R	OTB	NOV	OC	1	183	-	-
	4S	OTB	NOV	OC	2	137	-	-
	4Vn	OTB	JAN	OC	1	76	-	-
			APR	OC	4	469	-	-
			OCT	OC	2	80	-	-
			DEC	OC	1	31	-	-
	4Vs	OTB	JAN	OC	2	226	-	-
			FEB	OC	3	248	-	-
			MAR	OC	3	95	-	-
			APR	OC	1	87	-	-
			SEP	OC	1	6	-	-
			OCT	OC	1	70	-	-
	4X	OTB	NOV	OC	2	90	-	-
YEL	3L	OTB	SEP	OC	3	182	-	-
	3N	OTB	MAY	OC	1	208	-	-
			OCT	OC	1	176	-	-
			NOV	OC	2	159	-	-
	4Vs	OTB	JAN	OC	1	71	-	-
			APR	OC	4	267	-	-
			MAY	OC	1	75	-	-
			JUN	OC	1	69	-	-
			JUL	OC	3	168	-	-
			AUG	OC	3	289	-	-
			SEP	OC	1	80	-	-
			OCT	OC	12	832	-	-
			NOV	OC	13	1235	-	-
			DEC	OC	10	998	-	-
GHL	2J	OTB	JAN	OC	3	7	-	7
	3K	ST	MAR	OC	2	323	-	-
			APR	OC	1	224	-	-
		OTB	APR	OC	1	7	-	6
	3O	OTB	FEB	OC	1	2	-	2
			MAR	OC	2	4	-	4

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples. No.	Len samples. No.meas.	Age samples No.	Age samples No.aged
HAL	2J	OTB	JAN	OC	10	12	-	11
			APR	OC	9	14	-	14
	3K	ST	MAR	OC	1	1	-	-
		OTB	JAN	OC	8	14	-	11
			FEB	OC	16	28	-	23
			MAR	OC	7	15	-	8
			APR	OC	7	9	-	9
			MAY	OC	5	5	-	5
			AUG	OC	2	2	-	2
			SEP	OC	1	1	-	-
	3L	OTB	JAN	OC	7	14	-	5
			FEB	OC	6	8	-	2
			MAR	OC	26	42	-	36
			MAY	OC	2	9	-	-
			AUG	OC	2	3	-	3
			SEP	OC	7	13	-	1
	3N	OTB	OCT	OC	3	3	-	-
	3O	OTB	JAN	OC	6	17	-	4
			FEB	OC	2	5	-	4
			DEC	OC	7	27	-	-
		LL	FEB	OC	5	116	-	101
			MAR	OC	3	99	-	37
	3Pn	OTB	JAN	OC	6	7	-	-
	3Ps	OTB	JAN	OC	1	8	-	8
		OTB	FEB	OC	1	1	-	1
			APR	OC	2	4	-	-
			DEC	OC	2	5	-	-
		LL	FEB	OC	1	4	-	4
	4R	OTB	OCT	OC	1	1	-	1
	4Vn	OTB	JAN	OC	3	3	-	-
			FEB	OC	2	4	-	-
			MAR	OC	2	13	-	-
			AUG	OC	4	5	-	3
	4Vs	OTB	JAN	OC	5	10	-	1
			FEB	OC	5	9	-	3
			MAR	OC	7	15	-	1
			APR	OC	1	1	-	-
			MAY	OC	5	6	-	6
			JUN	OC	1	3	-	2
			JUL	OC	1	2	-	-
			AUG	OC	8	9	-	2
			SEP	OC	2	2	-	1
			OCT	OC	16	42	-	9
			NOV	OC	5	6	-	-
			DEC	OC	1	13	-	-
		LL	FEB	OC	4	56	-	48
			MAR	OC	2	6	-	-
	4W	OTB	JAN	OC	1	3	-	-
			MAR	OC	7	16	-	9
			APR	OC	1	1	-	1
			MAY	OC	1	2	-	2
			AUG	OC	1	2	-	-
			SEP	OC	7	12	-	3
			OCT	OC	1	3	-	-

Table 2. (Continued)

CANADA (M) (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4X	OTB	JAN	OC	2	4	-	3
			FEB	OC	3	7	-	3
			MAR	OC	3	16	-	6
			APR	OC	1	1	-	1
			JUL	OC	1	1	-	1
			AUG	OC	2	6	-	-
			OCT	OC	1	2	-	2
			DEC	OC	1	2	-	2
	5Zc	OTB	JUN	OC	2	4	-	3
HKW	3O	OTB	MAR	OC	1	6	-	-
	3Pn	OTB	FEB	OC	1	86	-	-
	4Vs	OTB	MAR	OC	1	54	-	-
MAC	4W	OTB	MAY	OC	1	186	-	-
ARG	4Vs	OTB	MAR	OC	1	194	-	-
CAP	3K	ST	MAR	OC	1	183	-	-
			APR	OC	1	319	-	-
CLB	4Vs	DRB	JUL	OC	10	1463	-	-
			SEP	OC	11	1593	-	-
			OCT	OC	1	165	-	-
			NOV	OC	25	5216	-	-

CUBA (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	4W	OTB	APR	OC	1	75	-	-
			MAY	OC	2	182	-	-
			JUN	OC	4	161	-	-
HAD	4W	OTB	APR	OC	2	176	-	-
			MAY	OC	21	3303	-	-
			JUN	OC	58	9308	-	-
			JUL	OC	49	8752	-	-
	4X	OTB	JUN	OC	3	547	-	-
			JUL	OC	2	203	-	-
RED	4W	OTB	APR	OC	1	34	-	-
			MAY	OC	7	1525	-	-
			JUN	OC	22	4451	-	-
			JUL	OC	2	211	-	-
HKS	4W	OTB	APR	OC	28	5045	-	-
			MAY	OC	64	12842	-	25
			JUN	OC	162	35098	-	85
			JUL	OC	68	14610	-	133
	4X	OTB	JUN	OC	5	967	-	-
HKR	4W	OTB	MAY	OC	2	179	-	-
			JUN	OC	4	427	-	-
POK	4W	OTB	APR	OC	1	84	-	-
			MAY	OC	6	974	-	-
			JUN	OC	8	1197	-	-
			JUL	OC	2	244	-	-

Table 2. (Continued)

CUBA (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
PLA	4W	OTB	APR	OC	1	22	-	-
			MAY	OC	7	559	-	-
			JUN	OC	22	1990	-	-
			JUL	OC	4	118	-	-
WIT	4W	OTB	MAY	OC	2	37	-	-
			JUN	OC	6	119	-	-
YEL	4W	OTB	MAY	OC	3	177	-	-
			JUN	OC	2	83	-	-
			JUL	OC	1	50	-	-
USK	4W	OTB	MAY	OC	1	48	-	-
			JUN	OC	1	6	-	-
			JUL	OC	1	74	-	-
HKW	4W	OTB	MAY	OC	2	149	-	-
			JUN	OC	5	584	-	-
HER	4W	OTB	APR	OC	2	406	-	-
			MAY	OC	8	1752	-	-
			JUN	OC	2	352	-	-
			JUL	OC	4	642	-	-
MAC	4W	OTB	APR	OC	1	189	-	-
			MAY	OC	5	905	-	-
			JUN	OC	6	1021	-	-
			JUL	OC	9	1712	-	-
ARG	4W	OTB	MAY	OC	1	34	-	-
			JUN	OC	6	832	-	-
			JUL	OC	1	170	-	-
	4X	OTB	JUN	OC	1	205	-	-
SQI	4W	OTB	MAY	OC	2	289	-	-
			JUN	OC	18	3386	-	-
			JUL	OC	5	1061	-	-

JAPAN (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	4Vs	OTB	JUN	OC	2	79	-	-
HAD	3O	OTB	SEP	OC	4	490	-	-
			OCT	OC	5	466	-	-
RED	3O	OTB	SEP	OC	9	1624	-	-
			OCT	OC	8	1753	-	-
	4Vn	OTB	JUL	OC	7	1489	-	-
			AUG	OC	5	984	-	-
	4Vs	OTB	JUN	OC	7	1422	-	-
			JUL	OC	8	1257	-	-
			SEP	OC	3	665	-	-
HKS	3O	OTB	SEP	OC	2	21	-	21
			OCT	OC	1	25	-	25
PLA	3O	OTB	SEP	OC	1	11	-	-
			OCT	OC	1	43	-	-

Table 2. (Continued)

JAPAN (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
WIT	3O	OTB	OCT	OC	1	19	-	-
HKW	3O	OTB	SEP	OC	2	295	-	-
SWO	3O	LL	OCT	OC	5	6	-	-
			NOV	OC	27	38	-	-
	4Vs	LL	OCT	OC	209	618	-	-
			NOV	OC	36	96	-	-
	4W	LL	JAN	OC	3	12	-	-
			FEB	OC	5	12	-	-
			SEP	OC	6	11	-	-
			OCT	OC	51	108	-	-
			NOV	OC	159	362	-	-
			DEC	OC	3	8	-	-
	4X	LL	JAN	OC	5	8	-	-
			FEB	OC	1	1	-	-
			SEP	OC	1	2	-	-
			OCT	OC	3	3	-	-
			NOV	OC	99	195	-	-
ALB	3O	LL	OCT	OC	3	2	-	-
			NOV	OC	32	166	-	-
	4Vs	LL	OCT	OC	219	4986	-	-
			NOV	OC	51	811	-	-
	4W	LL	JAN	OC	6	38	-	-
			FEB	OC	6	493	-	-
			SEP	OC	9	57	-	-
			OCT	OC	59	1121	-	-
			NOV	OC	178	2570	-	-
			DEC	OC	15	40	-	-
	4X	LL	JAN	OC	16	222	-	-
			FEB	OC	1	9	-	-
			SEP	OC	1	3	-	-
			OCT	OC	7	28	-	-
			NOV	OC	100	711	-	-
BET	3O	LL	OCT	OC	6	80	-	-
			NOV	OC	31	81	-	-
	4Vs	LL	OCT	OC	236	7010	-	-
			NOV	OC	49	878	-	-
	4W	LL	JAN	OC	6	43	-	-
			FEB	OC	5	29	-	-
			SEP	OC	9	178	-	-
			OCT	OC	61	1123	-	-
			NOV	OC	183	2927	-	-
			DEC	OC	13	38	-	-
	4X	LL	JAN	OC	6	33	-	-
			SEP	OC	1	5	-	-
			OCT	OC	8	127	-	-
			NOV	OC	72	952	-	-
BFT	3O	LL	OCT	OC	1	3	-	-
			NOV	OC	41	94	-	-
	4Vs	LL	OCT	OC	11	10	-	-
			NOV	OC	11	14	-	-
	4W	LL	JAN	OC	7	18	-	-
			FEB	OC	6	211	-	-
			OCT	OC	3	7	-	-
			NOV	OC	84	429	-	-
			DEC	OC	18	225	-	-

Table 2. (Continued)

JAPAN (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4X	LL	JAN	OC	17	277	-	-
			FEB	OC	1	25	-	-
			OCT	OC	1	1	-	-
			NOV	OC	154	876	-	-
YFT	3O	LL	OCT	OC	2	2	-	-
	4Vs	LL	OCT	OC	178	2107	-	-
			NOV	OC	19	97	-	-
	4W	LL	JAN	OC	3	8	-	-
			SEP	OC	9	172	-	-
			OCT	OC	55	773	-	-
			NOV	OC	44	209	-	-
	4X	LL	JAN	OC	1	1	-	-
			SEP	OC	1	4	-	-
			OCT	OC	7	40	-	-
			NOV	OC	21	75	-	-
ARG	3O	OTB	SEP	OC	1	52	-	-
			OCT	OC	1	232	-	-
	4Vs	OTB	JUN	OC	5	883	-	-
			SEP	OC	2	293	-	-

POLAND (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
HKS	4W	OTB	MAY	OC	1	245	-	-
HER	4W	OTB	MAY	OC	8	1703	-	-
	4X	OTB	MAY	OC	1	243	-	-
MAC	4W	OTB	MAY	OC	7	1491	-	-
	4X	OTB	MAY	OC	5	1060	-	-

USSR (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	4W	OTB	APR	OC	20	1713	-	-
			MAY	OC	23	944	-	-
			JUN	OC	18	1195	-	-
			JUL	OC	7	1059	-	-
	4X	OTB	JUN	OC	10	617	-	-
			JUL	OC	3	104	-	-
HAD	4W	OTB	APR	OC	42	5014	-	-
			MAY	OC	102	12654	-	-
			JUN	OC	132	19602	-	-
			JUL	OC	39	6716	-	-
	4X	OTB	JUN	OC	30	2957	-	-
			JUL	OC	21	1708	-	-
RED	4W	OTB	APR	OC	50	9721	-	-
			MAY	OC	54	8405	-	-
			JUN	OC	26	5563	-	-
	4X	OTB	JUN	OC	7	1310	-	-
			JUL	OC	2	421	-	-

Table 2. (Continued)

USSR (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No. meas.	Age samples No.	Age samples No. aged
HKS	4W	OTB	APR	OC	457	93209	-	409
			MAY	OC	423	89181	-	395
			JUN	OC	359	76036	-	349
			JUL	OC	69	14828	-	137
	4X	OTB	JUN	OC	67	14023	-	74
			JUL	OC	64	13535	-	124
HKR	4W	OTB	APR	OC	21	3025	-	-
			MAY	OC	19	2941	-	-
			JUN	OC	3	286	-	-
			JUL	OC	1	127	-	-
	4X	OTB	JUN	OC	4	491	-	-
			JUL	OC	1	29	-	-
POK	4W	OTB	APR	OC	22	1281	-	-
			MAY	OC	60	5126	-	-
			JUN	OC	26	2991	-	-
			JUL	OC	6	1097	-	-
	4X	OTB	JUN	OC	13	1960	-	-
			JUL	OC	6	1011	-	-
PLA	4W	OTB	APR	OC	17	1250	-	-
			MAY	OC	19	1370	-	-
			JUN	OC	34	3435	-	-
			JUL	OC	4	895	-	-
WIT	4W	OTB	APR	OC	35	3491	-	-
			MAY	OC	10	490	-	-
			JUN	OC	7	445	-	-
			JUL	OC	3	109	-	-
YEL	4W	OTB	APR	OC	3	433	-	-
			MAY	OC	4	400	-	-
			JUN	OC	21	2716	-	-
			JUL	OC	4	518	-	-
HAL	4W	OTB	APR	OC	1	12	-	-
USK	4W	OTB	MAY	OC	2	101	-	-
	4X	OTB	JUN	OC	4	178	-	-
			JUL	OC	1	28	-	-
HKW	4W	OTB	APR	OC	12	1140	-	-
			MAY	OC	6	228	-	-
			JUN	OC	1	13	-	-
			JUL	OC	1	3	-	-
	4X	OTB	JUN	OC	2	31	-	-
HER	4W	OTB	APR	OC	31	5695	-	-
			MAY	OC	38	7130	-	-
			JUN	OC	27	4988	-	-
			JUL	OC	7	1370	-	-
MAC	4W	OTB	APR	OC	14	2311	-	-
			MAY	OC	63	11187	-	-
			JUN	OC	34	5935	-	-
			JUL	OC	13	2014	-	-
ALE	4W	OTB	APR	OC	2	89	-	-
ARG	4W	OTB	MAY	OC	13	2122	-	-
			JUN	OC	7	1316	-	-
			JUL	OC	2	395	-	-

Table 2. (Continued)

USSR (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	4X	OTB	JUN	OC	16	2575	-	-
		OTB	JUL	OC	23	3988	-	-
SQI	4W	OTB	MAY	OC	10	1666	-	-
			JUN	OC	46	9746	-	-
			JUL	OC	8	1476	-	-
	4X	OTB	JUN	OC	4	830	-	-
			JUL	OC	11	2240	-	-

USA (Scientific Observer Data from Canada (SF))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
CLB	3L	DRB	JUL	OC	1	100	-	-
	3N	DRB	JUL	OC	3	311	-	-
	4Vs	DRB	JUN	OC	2	230	-	-
			AUG	OC	4	701	-	-
			OCT	OC	3	379	-	-
	4W	DRB	AUG	OC	2	373	-	-

CANADA (N) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	2J	OTB	JAN	CL	10	3614	-	335
			MAR	CL	23	7753		
			APR	CL	20	7315	-	337
			MAY	CL	3	903		
		GN	JUL	CL	15	3914	-	530[1]
			AUG	CL	24	6767		
		LHP	JUL	CL	2	292	-	530[1]
			AUG	CL	2	205		
		FPN	JUL	CL	8	2793	-	530[1]
			AUG	CL	6	2284		
	3K	OTB	JAN	CL	28	8979		
			FEB	CL	21	6860	-	418
			MAR	CL	1	298		
			APR	CL	1	410	-	101
			MAY	CL	1	401		
			AUG	CL	1	396	-	48
		GN	JAN	CL	1	377	-	201
			FEB	CL	2	812		
			JUN	CL	19	1312		
			JUL	CL	10	2324	-	934[2]
			AUG	CL	8	1326		
			SEP	CL	1	46	-	411[3]
		LL	AUG	CL	7	1755	-	934[2]
			SEP	CL	2	437	-	411[3]
		LHP	JUN	CL	20	1412	-	934[2]
			AUG	CL	29	4448		
			SEP	CL	38	5187	-	411[3]

Table 2. (Continued)

CANADA (N) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		FPN	JUN	CL	1	27	-	-
			JUN	CL	14	1895	-	934[2]
			JUL	CL	22	10264		
			AUG	CL	14	3558		
	3L	OTB	FEB	CL	6	2102	-	379
			MAR	CL	4	1237		
			APR	CL	3	825	-	562
			MAY	CL	7	2043		
			JUN	CL	3	871		
			JUL	CL	3	942	-	431
			AUG	CL	4	1139		
			SEP	CL	12	3559		
			OCT	CL	17	5235	-	454
			NOV	CL	7	2015		
			DEC	CL	14	3886		
		GN	MAR	CL	2	462	-	826[4]
			MAY	CL	13	2761		
			JUN	CL	8	2446	-	1265[5]
			JUL	CL	11	2794		
			AUG	CL	6	827	-	771[6]
			SEP	CL	6	1506		
		LL	AUG	CL	2	677	-	1265[5]
			SEP	CL	10	3723	-	771[6]
			OCT	CL	5	1550		
		LHP	JUN	CL	12	2508	-	1265[5]
			JUL	CL	3	471		
			AUG	CL	14	5111	-	771[6]
			SEP	CL	38	7230		
		FPN	MAY	CL	2	945	-	826[4]
			JUN	CL	45	18835	-	1265[5]
			JUL	CL	25	10710		
	3N	OTB	MAY	CL	1	413	-	66
			JUL	CL	1	639	-	308
			AUG	CL	5	1370		
			SEP	CL	1	378		
			OCT	CL	1	297	-	699
			NOV	CL	13	3731		
			DEC	CL	2	352		
	3O	OTB	FEB	CL	1	116	-	49
			APR	CL	1	404	-	472
			MAY	CL	2	562		
			JUN	CL	3	489		
			AUG	CL	1	126	-	69
			NOV	CL	2	709	-	166
		SDN	NOV	CL	3	834	-	154
	3Ps	OTB	JAN	CL	5	1309	-	410
			FEB	CL	2	855		
			MAR	CL	1	103		
			APR	CL	1	351	-	121
			MAY	CL	1	437		
			DEC	CL	1	326	-	75
		GN	MAY	CL	15	1631	-	919[7]
			JUN	CL	8	1168		
			JUL	CL	17	3748	-	474[8]
			AUG	CL	4	601		
			SEP	CL	1	139	-	878[9]
			OCT	CL	4	527		

Table 2. (Continued)

CANADA (N) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		LL	JAN	CL	9	2215	-	432
			FEB	CL	8	2616		
			MAR	CL	3	798		
			APR	CL	12	4286	-	919[7]
			MAY	CL	4	1028		
			JUL	CL	1	414	-	474[8]
			AUG	CL	10	2200		
			SEP	CL	13	2447		
			OCT	CL	13	587	-	878[9]
			NOV	CL	23	8152		
		LHP	JUL	CL	2	207	-	474[8]
			AUG	CL	3	366		
			SEP	CL	4	1291	-	878[9]
			OCT	CL	2	329		
		FPN	MAY	CL	12	4246	-	919[7]
			JUN	CL	8	3287	-	474[8]
			JUL	CL	10	4447		
HAD	3N	OTB	JUL	CL	2	646	-	-
			AUG	CL	1	290		
			OCT	CL	1	363	-	-
			NOV	CL	5	1525		
	3O	OTB	FEB	CL	3	1144	-	-
			MAR	CL	2	719		
			APR	CL	1	55		
			MAY	CL	3	1228	-	-
			JUN	CL	2	558		
			SEP	CL	1	297	-	-
			OCT	CL	4	1133	-	-
			NOV	CL	7	2460		
		SDN	OCT	CL	1	261	-	-
			NOV	CL	2	562		
	3Ps	OTB	JAN	CL	1	362	-	64
REG	2J	OTB	MAR	CC	1	173/218	-	-
REB	2J	OTB	JAN	CL	2	408/468	-	59/80
	3K	OTB	JAN	CL	5	776/943		
			FEB	CL	4	674/972	-	225/331
			MAR	CL	2	278/387		
			MAY	CL	3	607/505	-	126/175
			AUG	CL	1	228/338	-	273/350
			SEP	CL	6	1130/1218		
			OCT	CL	3	707/489	-	198/231
			NOV	CL	1	212/231		
	3L	OTB	FEB	CL	1	186/178	-	73/98
			MAR	CL	1	78/328		
			AUG	CL	1	137/287	-	175/212
			SEP	CL	2	532/310		
			OCT	CL	2	476/355	-	93/110
	3Pn	OTB	JAN	CL	1	144/313	-	51/75
		OTM	MAR	CL	5	748/1415	-	165/211
			APR	CL	6	946/1803	-	210/275
	3Ps	OTB	MAY	CL	2	368/623	-	61/82
			JUL	CL	1	226/221	-	29/37

Table 2. (Continued)

CANADA (N) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
PLA	2J	OTB	JAN	CL	1	52/356	-	27/59
			APR	CL	1	90/469	-	59/109
			MAY	CL	1	136/344		
	3K	OTB	FEB	CL	3	125/911	-	123/264
			MAR	CL	2	111/604		
		GN	JUL	CL	1	102/361	-	63/120
			AUG	CL	1	72/388		
	3L	OTB	FEB	CL	4	513/1054	-	126/209
			MAR	CL	3	290/996		
			APR	CL	1	194/229		
			MAY	CL	6	1470/1536	-	263/418
			JUN	CL	6	689/1699		
			JUL	CL	4	467/1050		
			AUG	CL	3	431/713	-	272/437
			SEP	CL	8	1242/1922		
			OCT	CL	9	1737/2405		
			NOV	CL	2	360/480	-	266/433
			DEC	CL	5	576/1572		
		GN	MAY	CL	8	562/2361	-	233/434
			JUN	CL	9	775/2666		
			JUL	CL	6	360/1074	-	380/721
			AUG	CL	4	118/853		
			SEP	CL	1	15/202	-	15/48
	3N	OTB	MAY	CL	2	452/397	-	35/50
			JUL	CL	1	166/267		
			AUG	CL	6	1007/1090	-	331/512
			SEP	CL	4	622/885		
			OCT	CL	4	812/723	-	261/398
			NOV	CL	5	778/1197		
	3O	OTB	MAR	CL	2	219/579	-	78/136
			MAY	CL	3	228/1065	-	230/492
			JUN	CL	7	606/2262		
			JUL	CL	3	327/952	-	93/142
			DEC	CL	1	115/355	-	40/73
		SDN	NOV	CL	1	22/186	-	18/56
	3Ps	OTB	JAN	CL	4	685/1153		
			FEB	CL	1	181/274	-	205/310
			MAR	CL	1	172/234		
			APR	CL	1	32/365	-	48/97
			JUN	CL	1	89/397		
			SEP	CL	3	454/753	-	70/109
			OCT	CL	5	1081/1213		
			NOV	CL	2	383/466	-	282/411
			DEC	CL	1	130/175		
		GN	JUN	CL	1	77/275		
			JUL	CL	1	72/307	-	108/199
			AUG	CL	3	132/821		
			SEP	CL	1	40/151	-	29/61
WIT	3K	OTB	FEB	CL	2	355/139	-	303/355
			MAR	CL	7	1703/1029		
			APR	CL	7	918/1643	-	198/293
		GN	JUL	CL	2	122/360	-	127/155
			AUG	CL	1	100/358		

Table 2. (Continued)

CANADA (N) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	3L	OTB	FEB	CL	1	202/159	-	126/133
			MAR	CL	2	430/241		
			DEC	CL	1	298/138	-	40/43
		GN	JUN	CL	1	217/204		
			JUL	CL	6	356/800	-	322/396
			AUG	CL	3	336/460		
			SEP	CL	1	48/50	-	25/31
	3N	OTB	SEP	CL	1	356/157	-	39/46
	3O	OTB	FEB	CL	1	290/176	-	72/77
			MAR	CL	1	210/133		
			APR	CL	2	432/357		
			MAY	CL	3	725/523	-	204/242
			JUN	CL	3	530/593		
			OCT	CL	1	333/120	-	55/65
			NOV	CL	1	100/254		
	3Ps	OTB	JAN	CL	1	289/127	-	42/49
			APR	CL	1	249/162	-	50/57
YEL	3L	OTB	MAY	CL	1	148/104	-	-
			JUL	CL	2	545/253		
			AUG	CL	1	330/136	-	79/94
			SEP	CL	1	165/242		
			OCT	CL	2	479/363	-	92/115
			DEC	CL	1	207/103		
	3N	OTB	MAR	CL	1	257/231	-	39/53
			MAY	CL	3	875/650	-	43/57
			JUL	CL	2	291/409		
			AUG	CL	8	1419/1755	-	237/309
			SEP	CL	3	687/666		
			OCT	CL	4	874/943	-	215/264
			NOV	CL	5	993/1191		
	3O	OTB	JUN	CL	6	1873/774	-	153/179
			SEP	CL	1	214/203	-	30/46
		SDN	NOV	CL	3	817/462	-	64/73
GHL	2J	OTB	AUG	CL	1	205/178	-	53/67
		GN	SEP	CL	4	813/927	-	198/231
	3K	OTB	JAN	CL	1	78/66	-	113/161
			MAR	CL	2	275/500		
			APR	CL	2	351/469	-	95/139
		GN	JUL	CL	2	356/408	-	227/256
			AUG	CL	8	1430/1927		
			SEP	CL	2	395/458	-	78/95
	3L	OTB	MAR	CL	1	60/224	-	43/89
		GN	MAY	CL	1	115/218	-	35/42
			JUN	CL	2	244/424		
			JUL	CL	4	211/463	-	333/424
			AUG	CL	4	608/956		
			SEP	CL	5	750/1170	-	211/275

1. Same key for GN,LHP, & FPN.
2. Same key for GN,LL,LHP & FPN.
3. Same key for GN,LL, & LHP.
4. Same key for GN & FPN.
5. Same key for GN,LL,LHP & FPN.
6. Same key for GN,LL & LHP.
7. Same key for GN,LL & FPN.
8. Same key for GN,LL,LHP & FPN.
9. Same key for GN,LL & LHP.

Table 2.

CANADA (M) (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	2J	OTB	APR	OL	3	763	-	-
			MAY	OL	1	245		
	3K	OTB	MAR	OL	5	1345	-	-
			APR	OL	10	3104	-	-
	3L	OTB	APR	OL	1	232	-	-
GHL	0B	OTB	AUG	OL	4	458/487	-	-
			OCT	OL	4	444/490		
			NOV	OL	14	1843/1898	-	-
			DEC	OL	2	208/219		
	2H	OTB	JUL	OL	-	308/551		
			AUG	OL	-	90/975	-	-
			SEP	OL	3	365/401		
	2J	OTB	MAR	OL	1	50/43	-	-
			APR	OL	6	690/735	-	-
	3K	OTB	MAR	OL	2	193/215	-	-
			APR	OL	1	131/119	-	-
	NK	OTB	AUG	OL	2	239/223	-	-

CANADA (N) (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	2J	OTB	JAN	OL	19	5036	-	-
			MAR	OL	80	20855		
			APR	OL	117	30218	-	-
			MAY	OL	25	6417		
	3K	OTB	JAN	OL	118	29444		
			FEB	OL	94	24307	-	-
			MAR	OL	9	2379		
			APR	OL	5	1266	-	-
			MAY	OL	3	624		
			SEP	OL	1	261	-	-
			OCT	OL	5	1283	-	-
	3L	OTB	JAN	OL	1	277		
			FEB	OL	37	9084	-	-
			MAR	OL	24	6106		
			APR	OL	8	2015		
			MAY	OL	14	3035	-	-
			JUN	OL	4	609		
			JUL	OL	12	2099		
			AUG	OL	12	3022	-	-
			SEP	OL	32	7986		
			OCT	OL	23	5722	-	-
			NOV	OL	5	998		
		GN	FEB	OL	2	525	-	-
			MAR	OL	1	276	-	-
	3N	OTB	JUN	OL	3	727	-	-
			JUL	OL	8	1285		
			AUG	OL	3	586	-	-
			SEP	OL	1	182		
			OCT	OL	1	84	-	-
	3O	OTB	MAY	OL	1	117	-	-

Table 2. (Continued)

CANADA (N) (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
REB	3K	OTB	JAN	OL	3	613/618		
			FEB	OL	3	433/442	-	-
			MAR	OL	1	123/235		
			APR	OL	1	225/196	-	-
			MAY	OL	1	208/153		
			SEP	OL	3	598/628	-	-
			OCT	OL	4	602/547	-	-
	3L	OTB	MAR	OL	1	121/125	-	16/18
			APR	OL	2	492/301	-	-
			SEP	OL	1	82/349	-	15/23
			OCT	OL	1	95/123	-	-
PLA	2J	OTB	AUG	OL	2	5/63	-	-
	3K	OTB	AUG	OL	4	100/514	-	-
	3L	OTB	MAY	OL	1	64/47	-	-
WIT	3K	OTB	MAR	OL	3	428/314	-	-
			APR	OL	3	90/310	-	-
	3L	OTB	MAR	OL	2	214/278	-	-
YEL	3L	OTB	SEP	OL	2	223/229	-	-
	3N	OTB	SEP	OL	1	145/105	-	-
GHL	2J	OTB	AUG	OL	6	424/399	-	
		GN	SEP	OL	6	741/838	-	23/25
	3K	OTB	AUG	OL	1	39/54	-	-

CUBA (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
REB	3M	OTB	AUG	OL	1	248/177	-	-
	3N	OTB	AUG	OL	1	193/285	-	-
	3O	OTB	JUL	OL	8	1885/1458		
			AUG	OL	25	5486/5236	-	64/83
			SEP	OL	1	231/158		

FAEOES (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	2J	OTB	MAR	OL	2	460	-	-
			MAY	OL	1	220	-	-
	3K	OTB	MAR	OL	1	229	-	-
			APR	OL	4	1161	-	-
GHL	0	GN	AUG	OL	-	-	-	10/74
			NOV	OL	-	-	-	9/28
		LL	MAY	OL	5	120/531	-	89/220
			JUN	OL	20	85/2085		
			JUL	OL	19	85/1902	-	151/389
			AUG	OL	29	122/2479		
			SEP	OL	43	513/5931		
			OCT	OL	28	276/3845	-	68/175
			NOV	OL	4	55/593		
	2G	GN	AUG	OL	-	-	-	3/26

Table 2. (Continued)

FAROES (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		LL	MAY	OL	-	-	-	35/268
			JUN	OL	22	112/2091		
			JUL	OL	58	138/6978	-	94/253
			AUG	OL	7	11/705		
			SEP	OL	3	52/316	-	21/122
			OCT	OL	15	149/3088		
	2H	LL	AUG	OL	-	-	-	?/52

GERMAN DEMOCRATIC REPUBLIC (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
REB	3L	OTB	AUG	OL	-	-	-	308/338
GHL	2H	OTB	NOV	OL	-	-	-	51/98
	3K	OTB	AUG	OL	-	-	-	10/18
			NOV	OL	-	-	-	67/126

JAPAN (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
REB	3O	OTB	MAY	OL	-	-	-	69/152
			NOV	OL	-	-	-	127/157
GHL	2G	OTB	AUG	OL	-	-	-	86/139
			NOV	OL	-	-	-	133/222
	2H	OTB	AUG	OL	-	-	-	11/15
			NOV	OL	-	-	-	1/52
	3K	OTB	NOV	OL	-	-	-	55/57

POLAND (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
GHL	2H	OTB	AUG	OL	-	-	-	81/128
			NOV	OL	-	-	-	1/4
	3K	OTB	FEB	OL	-	-	-	53/79
			MAY	OL	-	-	-	48/41

USSR (Scientific Observer Data from Canada (N))

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
REB	3O	OTB	AUG	OL	-	-	-	38/64
GHL	0	OTB	NOV	OL	-	-	-	17/19
	2H	OTB	NOV	OL	-	-	-	63/49
	2J	OTB	NOV	OL	-	-	-	9/11
	3K	OTB	NOV	OL	-	-	-	28/44

Table 2. (Continued)

CANADA (Q) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No. meas.	Age samples No.	Age samples No. aged
COD	3Pn	OTB	FEB	CL	6	1536	29	899
			MAR	CL	23	5886		
			APR	CL	5	1290	5	155
		LL	JAN	CL	3	783		
			FEB	CL	1	253	5	155
			MAR	CL	1	274		
			APR	CL	1	255	1	31
			SEP	CL	2	541	2	62
			OCT	CL	4	834	4	124
	4R	OTB	JAN	CL	2	486	2	62
			APR	CL	1	272		
			MAY	CL	7	1890	20	651
			JUN	CL	12	3089		
			JUL	CL	4	917	11	341
			AUG	CL	7	1784		
		SDN	APR	CL	2	254	3	93
			MAY	CL	1	252		
		GN	APR	CL	1	310		
			MAY	CL	11	2331	18	558
			JUN	CL	6	1099		
			JUL	CL	4	479	11	341
			AUG	CL	7	1794		
		LL	MAY	CL	5	1062	10	310
			JUN	CL	5	608		
			AUG	CL	5	937	10	310
			SEP	CL	5	699		
		FIX	JUL	CL	3	779	3	93
	4S	OTB	MAY	CL	10	2526	13	403
			JUN	CL	3	755		
			JUL	CL	5	1303	5	155
			OCT	CL	3	1026	3	124
		GN	MAY	CL	1	252	3	93
			JUN	CL	2	500		
			JUL	CL	9	2185		
			AUG	CL	2	425	12	372
			SEP	CL	1	260		
		LL	MAY	CL	2	519	6	186
			JUN	CL	4	1001		
			JUL	CL	5	1313		
			AUG	CL	3	760	9	279
			SEP	CL	1	250		
			OCT	CL	1	251	2	62
			NOV	CL	1	250		
	4T	OTB	APR	CL	7	1866	21	651
			MAY	CL	14	3737		
			AUG	CL	7	1749	22	682
			SEP	CL	15	3859		
			OCT	CL	6	1500		
			NOV	CL	8	2086	15	465
			DEC	CL	1	259		
		OTM	MAY	CL	1	255	1	31
		SDN	MAY	CL	1	250	1	31
		SSC	MAY	CL	5	1252	7	217
			JUN	CL	2	200		
			JUL	CL	3	697		
			AUG	CL	5	1265	12	372
			SEP	CL	4	1007		
			OCT	CL	4	1035	5	155
			NOV	CL	1	258		

Table 2. (Continued)

CANADA (Q) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		GN	JUN	CL	8	2208	8	248
			JUL	CL	6	1619		
			AUG	CL	2	519	10	310
			SEP	CL	2	414		
		LL	JUN	CL	6	1271	6	186
			JUL	CL	7	1889		
			AUG	CL	5	1262	20	620
			SEP	CL	8	1963		
			OCT	CL	3	774	4	124
			NOV	CL	1	303		
		LHP	AUG	CL	1	250	2	62
			SEP	CL	1	294		
			OCT	CL	1	261	1	31
HAD	4T	SSC	JUL	CL	1	251	1	28
RED	4R	OTB	JAN	CL	1	250	4	128
			MAR	CL	3	750		
			APR	CL	2	500	4	128
			JUN	CL	2	500		
			JUL	CL	1	250	5	160
			AUG	CL	4	801		
			OCT	CL	1	250	1	32
		OTM	OCT	CL	3	757		
			NOV	CL	4	987	9	288
			DEC	CL	2	478		
		GN	MAY	CL	1	250	2	64
			JUN	CL	1	250		
	4S	OTB	MAY	CL	1	251	3	96
			JUN	CL	2	500		
			JUL	CL	4	1003	6	192
			SEP	CL	2	500		
			NOV	CL	1	250	1	32
		OTM	MAY	CL	2	487	2	64
			JUL	CL	1	251	6	192
			SEP	CL	5	1255		
			OCT	CL	4	1008	7	224
			NOV	CL	3	763		
	4T	OTB	MAY	CL	1	250	3	96
			JUN	CL	2	500		
			OCT	CL	2	500	2	64
		OTM	MAY	CL	1	233	8	256
			JUN	CL	7	1718		
			JUL	CL	5	1253		
			AUG	CL	3	727	10	320
			SEP	CL	2	494		
PLA	4S	GN	APR	CL	1	252		
			MAY	CL	2	502	5	188
			JUN	CL	2	500		
			JUL	CL	2	556		
			AUG	CL	1	267	4	148
			SEP	CL	1	251		
			OCT	CL	1	250	1	36
		LL	AUG	CL	1	250	1	31
	4T	OTB	MAY	CL	1	251	1	37
			JUN	CL	1	250		

Table 2. (Continued)

CANADA (Q) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
			JUL	CL	1	251		
			AUG	CL	1	250	4	135
			SEP	CL	2	538		
			OCT	CL	1	250	2	78
			NOV	CL	1	263		
		SSC	MAY	CL	5	1177	9	357
			JUN	CL	4	1002		
			JUL	CL	3	628		
			AUG	CL	6	1507	13	548
			SEP	CL	4	1000		
			OCT	CL	5	1296	6	266
			NOV	CL	1	261		
		GN	JUN	CL	2	628	2	68
			JUL	CL	1	308	1	41
		LL	JUL	CL	1	197	2	57
			AUG	CL	1	259		
GHL	4S	OTB	MAY	CL	4	1019	7	233
			JUN	CL	3	753		
			JUL	CL	6	1504	10	346
			SEP	CL	4	1015		
		GN	APR	CL	1	250	4	109
			JUN	CL	3	756		
			JUL	CL	8	2110		
			AUG	CL	17	4420	32	954
			SEP	CL	7	1900		
	4T	GN	MAY	CL	2	500	4	89
			JUN	CL	2	499		
			SEP	CL	2	501	2	58
			OCT	CL	1	250	1	28
HAL	4S	OTB	APR	CL	1	48	1	48
	4T	OTB	MAY	CL	1	19	1	19
HKW	4S	LL	JUL	CL	1	329	1	33
	4T	GN	JUN	CL	1	278	1	30
			JUL	CL	1	234	2	56
			SEP	CL	1	137		
HER	4R	PS	APR	CL	6	750		
			MAY	CL	17	2125	24	1320
			JUN	CL	1	125		
			JUL	CL	1	125		
			AUG	CL	1	125	4	220
			SEP	CL	2	250		
			OCT	CL	5	625		
			NOV	CL	11	1375	34	1870
			DEC	CL	18	2250		
		GN	APR	CL	10	1250		
			MAY	CL	27	3375	46	2530
			JUN	CL	9	1125		
			JUL	CL	13	1625		
			AUG	CL	20	2500	39	2145
			SEP	CL	6	750		
			OCT	CL	3	375	12	660
			NOV	CL	9	1125		
	4S	PS	MAY	CL	1	346	1	55
			AUG	CL	1	266	1	55

Table 2. (Continued)

CANADA (Q) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		GN	APR	CL	1	251		
			MAY	CL	6	1596	13	719
			JUN	CL	6	1536		
			JUL	CL	4	1039		
			AUG	CL	3	812	8	385
			SEP	CL	1	259		
		FIX	APR	CL	1	256	1	55
			JUL	CL	2	470	2	110
	4T	GN	APR	CL	3	762		
			MAY	CL	10	2518	16	559
			JUN	CL	3	797		
			JUL	CL	6	1745		
			AUG	CL	6	1572	16	589
			SEP	CL	4	1026		
		FPN	MAY	CL	1	250	1	35
MAC	4R	PS	AUG	CL	5	1235	9	270
			SEP	CL	4	940		
			OCT	CL	1	212	1	34
	4T	GN	APR	CL	1	124	19	566
			JUN	CL	18	4129		
		LL	JUL	CL	1	252		
			AUG	CL	4	1014	7	297
			SEP	CL	2	543		
	4V	GN	MAY	CL	2	286	4	100
			JUN	CL	2	247		
		LL	AUG	CL	1	117	1	25
		FIX	MAY	CL	1	155	-	-
			JUN	CL	1	131		
			JUL	CL	2	214	2	29
	4X	PS	AUG	CL	2	195	2	41
		GN	MAY	CL	2	300	5	24
			JUN	CL	5	551		
		LL	AUG	CL	1	112	1	18
		FIX	MAY	CL	1	160	-	-
			JUN	CL	5	610		
			AUG	CL	1	128	1	17
CAP	4S	FIX	JUN	CL	2	500	2	70
		MIS	MAY	CL	3	750	6	210
			JUN	CL	3	709		
	4T	GN	JUN	CL	6	1500	6	210
		MIS	JUN	CL	3	750	3	105
SCA	4S	DRB	JUN	CL	1	1162		
			JUL	CL	1	166		
	4T	DRB	MAY	CL	5	6190		
			JUN	CL	5	4924		
			JUL	CL	3	4140		
			AUG	CL	1	1262		
			SEP	CL	2	1619		

Table 2. (Continued)

CANADA (Q) (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
ISC	4S	DRB	APR	CL	2	1009		
			MAY	CL	3	3071		
			JUN	CL	2	2191		
			JUL	CL	5	3366		
			AUG	CL	2	1540		
			SEP	CL	2	1297		
			OCT	CL	2	2043		
	4T	DRB	MAY	CL	2	550		
			JUN	CL	1	143		
			JUL	CL	2	2394		
			AUG	CL	2	2628		
WHX	4S	FPO	APR	CL	1	100		
			MAY	CL	4	400		
			JUN	CL	6	618		
			JUL	CL	1	101		
			AUG	CL	2	200		
	4T	FPO	MAY	CL	2	300		
			JUN	CL	3	302		
			JUL	CL	3	297		
			AUG	CL	2	152		
CRQ	4S	FPO	JUN	CL	4	1024		
			JUL	CL	1	250		
			AUG	CL	3	906		
			SEP	CL	6	1764		
			OCT	CL	7	2089		
	4T	FPO	APR	CL	2	930		
			MAY	CL	22	10261		
			JUN	CL	24	11178		
			JUL	CL	2	938		
LBA	4T	FPO	MAY	CL	18	8381		
			JUN	CL	14	5828		
			JUL	CL	15	4407		
PAN	4R	OTB	APR	CL	4	2312		
			MAY	CL	9	4715		
			JUN	CL	10	6026		
			JUL	CL	1	469		
			AUG	CL	3	1642		
			OCT	CL	8	3872		
			NOV	CL	6	3419		
	4S	OTB	APR	CL	7	3677		
			MAY	CL	8	4238		
			JUN	CL	5	2718		
			JUL	CL	9	4301		
			AUG	CL	8	4710		
			SEP	CL	8	4249		
			OCT	CL	4	1817		
	4T	OTB	APR	CL	1	497		
			MAY	CL	1	569		

CUBA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
RED	3M	OTB	JUL	CC	8	2037/2095	-	-
			AUG	CC	22	4854/5536		
HKS	4W	OTB	MAY	CC	6	1308/1275	-	-
			JUN	CC	26	4979/6092	-	-
			JUL	CC	10	2537/1707	-	-

Table 2. (Continued)

GREENLAND (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
GHL	1A	GNS	MAR	CL	3	482	-	-
			JUL	CL	1	283	-	-
			AUG	CL	2	517		
		LL	FEB	CL	10	556	-	-
			MAR	CL	10	1098		
			JUL	CL	39	4687	1	722
			AUG	CL	36	4949		
	1D	GNS	JAN	CL	4	869	-	-
	1F	GNS	MAR	CL	1	624	-	-
			MAY	CL	1	621	-	-
			NOV	CL	4	752	-	-

GERMAN DEMOCRATIC REPUBLIC (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged	
REB	3L	OTB	JUL	CC	1	101/103	-	242/273	
			AUG	CC	10	892/874			
GHL	2H	OTB	DEC	CC	20	1450/1264	4	170/169	
RNG	3K	OTB	AUG	CC	3	677/554	1	63/37	
			SEP	CC	2	222/181			
			OCT	CC	25	3971/2345	18	1038/658	
			NOV	CC	14	2235/1253			
MAC	5Zw	OTM	MAR	CC	1	355	1	50	
			APR	CC	7	1527	9	443	
			MAY	CC	2	535			
	6A	OTM	FEB	CC	11	3333	8	328	
			MAR	CC	8	2256			
			FEB	CL	3	373	3	268	*
			APR	CC	5	1262	5	249	
			DEC	CC	50	3781	-	-	
	6B	OTM	MAR	CC	2	578	1	20	
			APR	CC	3	706	-	-	
	6C	OTM	FEB	CC	1	300	-	-	
			FEB	CL	1	64	1	59	*

* Sample was frozen.

PORTUGAL (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	3M	OTB	DEC	CC	20	5458	-	-
		GN	MAY	CC	3	385	-	-
			JUN	CC	6	840		
		LL	MAY	CC	2	207	-	-
	3N	GN	APR	CC	1	26		
			MAY	CC	29	2358	20	299
			JUN	CC	43	5975		
			JUL	CC	49	7912		
			AUG	CC	51	7899	31	479
			SEP	CC	29	2529		
RED	3M	OTB	DEC	CC	20	3376/1286	-	-
PLA	3N	GN	APR	CC	1	42/24		
			MAY	CC	14	794/561	-	-
			JUN	CC	22	1764/889		
			JUL	CC	30	2059/1275		
			AUG	CC	35	1133/811	-	-
			SEP	CC	16	545/163		
YEL	3N	GN	JUL	CC	1	68/64		
			AUG	CC	22	510/466	-	-
			SEP	CC	1	26/15		

Table 2. (Continued)

USSR (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
HKS	4W	OTB	APR	CC	33	3313/3356	-	94/149
			MAY	CC	83	8359/8352	-	92/152
			JUN	CC	90	8756/9309	-	93/141
			JUL	CC	11	576/1593	-	84/103
REB	3L	OTB	FEB	CC	10	1329/1578	-	-
	3N	OTB	FEB	CC	6	788/848	-	150/152
			MAR	CC	8	1156/1224		
	3O	OTB	MAR	CC	33	3619/6077	-	225/222
			APR	CC	8	913/1383	-	-
GHL	0B	OTB	OCT	CC	14	1773/969	-	169/317
	1B*	OTB	OCT	CC	51	2057/683	-	231/235
	2G	OTB	SEP	CC	23	3258/2295	-	-
			OCT	CC	1	154/93	-	-
			NOV	CC	19	2153/1625		
	2GH	OTB	OCT	CC	119	2781/1869	-	268/346
	2H	OTB	SEP	CC	1	108/78	-	-
			DEC	CC	2	145/84	-	-
	3K	OTB	DEC	CC	1	91/93	-	-
RNG	0B	OTB	OCT	CC	34	5434/3938	-	-
	2G	OTB	SEP	CC	16	3036/1776	-	-
			OCT	CC	2	354/263	-	-
			NOV	CC	17	2987/2042		
		OTM	NOV	CC	17	2422/1478	-	-
	3K	OTB	DEC	CC	2	262/165	-	-

* Division is 1BCD.

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
COD	3N	OTB	MAR	CL	1	73	-	-
			OCT	CL	1	58	-	10
	5Y	OTB	JAN	CL	1	56		
			FEB	CL	2	149	-	133
			MAR	CL	3	211		
			APR	CL	5	480		
			MAY	CL	2	152	-	210
			JUN	CL	2	200		
			JUL	CL	1	51		
			AUG	CL	3	193	-	93
			SEP	CL	2	163		
			OCT	CL	5	429		
			NOV	CL	2	102	-	202
			DEC	CL	2	199		
		GNS	AUG	CL	1	99	-	92
			SEP	CL	2	135		

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.mens.	Age samples No.	Age samples No.aged
	5Zu	OTB	JAN	CL	9	712		
			FEB	CL	9	787	-	509
			MAR	CL	6	604		
			APR	CL	4	389		
			MAY	CL	11	888	-	386
			JUN	CL	4	271		
			JUL	CL	5	425		
			AUG	CL	4	363	-	370
			SEP	CL	8	719		
			OCT	CL	7	607		
			NOV	CL	3	295	-	250
			DEC	CL	2	162		
		LLS	AUG	CL	1	69	-	37
			SEP	CL	1	70		
			OCT	CL	1	63	-	27
			DEC	CL	1	46		
	5Zw	OTB	FEB	CL	1	71	-	14
			NOV	CL	1	92	-	20
HAD	5Y	OTB	JAN	CL	1	46		
			FEB	CL	1	50	-	79
			MAR	CL	1	65		
			APR	CL	1	50	-	25
			AUG	CL	2	142	-	42
			NOV	CL	2	202	-	49
		GNS	FEB	CL	1	91	-	35
			MAR	CL	1	100		
	5Zu	OTB	JAN	CL	5	462	-	264
			MAR	CL	1	52		
			APR	CL	2	152		
			MAY	CL	6	495	-	264
			JUN	CL	3	249		
			JUL	CL	1	53		
			AUG	CL	3	204	-	229
			SEP	CL	2	174		
			NOV	CL	4	234	-	314
			DEC	CL	4	331		
		LTL	FEB	CL	2	54	-	40
RED	4X	OTB	FEB	CL	1	41/60	-	25
			JUN	CL	1	80/51	-	33
	5Y	OTB	JAN	CL	3	138/99		
			FEB	CL	2	108/68	-	189
			MAR	CL	2	113/89		
			APR	CL	2	59/98		
			MAY	CL	2	70/120	-	120
			JUN	CL	1	51/53		
			JUL	CL	1	39/62	-	103
			AUG	CL	3	183/113		
			NOV	CL	2	117/85	-	77
			DEC	CL	1	39/63		
	5Zu	OTB	JAN	CL	2	143/68	-	46
			MAY	CL	1	52/54	-	49
			JUN	CL	1	87/71		
			JUL	CL	1	53/55	-	45
			SEP	CL	1	41/26	-	

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
HKS	5Y	OTB	FEB	CL	2	199	-	-
			MAY	CL	1	100	-	-
			JUN	CL	1	108		
			JUL	CL	2	200		
			AUG	CL	1	140	-	-
			SEP	CL	8	823		
			OCT	CL	4	396		
			NOV	CL	2	330	-	-
			DEC	CL	5	552		
		SSC	MAR	CL	3	300	-	-
			MAY	CL	1	400	-	-
		PS	APR	CL	1	119	-	-
		GNS	MAR	CL	1	165	-	-
	5Zu	OTB	MAY	CL	1	100	-	-
			JUN	CL	2	201		
			JUL	CL	4	398		
			AUG	CL	6	593	-	-
			SEP	CL	4	403		
			OCT	CL	1	120	-	-
	5Zw	OTB	JAN	CL	1	100	-	-
			MAR	CL	2	187		
			MAY	CL	2	199	-	-
			JUN	CL	5	472		
			SEP	CL	3	291	-	-
			OCT	CL	3	302	-	-
			NOV	CL	6	620		
	6A	OTB	JAN	CL	6	595		
			FEB	CL	11	1279	-	-
			MAR	CL	7	708		
			APR	CL	6	601		
			MAY	CL	1	101	-	-
			JUN	CL	1	100		
			JUL	CL	3	299		
			AUG	CL	2	203	-	-
			SEP	CL	1	98		
			NOV	CL	3	305	-	-
			DEC	CL	5	501		
	6B	OTB	JAN	CL	1	117	-	-
			APR	CL	1	106	-	-
			MAY	CL	1	100		
HKR	5Y	OTB	JAN	CL	1	92	-	-
			MAY	CL	2	90	-	-
			JUN	CL	1	81		
			JUL	CL	1	100	-	-
			SEP	CL	3	275		
			OCT	CL	2	191		
			NOV	CL	4	217	-	-
			DEC	CL	1	131		
		SSC	MAR	CL	1	75	-	-
			MAY	CL	1	105	-	-
			JUN	CL	1	76		
	5Zu	OTB	MAR	CL	1	147	-	-
			JUN	CL	1	96	-	-
			AUG	CL	1	101	-	-
			SEP	CL	1	157		
	5Zw	OTB	FEB	CL	1	100	-	-
			MAR	CL	1	102		

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	6A	OTB	MAY	CL	1	101	-	-
			JUN	CL	1	109		
			OCT	CL	1	100	-	-
	6B	FPO	JUN	CL	1	104	-	-
POL	4X	OTB	MAY	CL	1	101	-	27
	5Y	OTB	JAN	CL	8	758		
			FEB	CL	6	615	-	379
			MAR	CL	2	202		
			APR	CL	4	334		
			MAY	CL	4	406	-	234
			JUN	CL	1	75		
			JUL	CL	3	295		
			AUG	CL	2	205	-	153
			SEP	CL	1	87		
			OCT	CL	2	201		
			NOV	CL	6	632	-	288
			DEC	CL	5	508		
		GNS	JAN	CL	1	100	-	125
			FEB	CL	4	403		
			JUN	CL	3	244	-	79
			JUL	CL	1	89	-	79
			SEP	CL	3	283		
			OCT	CL	3	305	-	174
			NOV	CL	4	383		
	52u	OTB	FEB	CL	3	277	-	180
			MAR	CL	3	299		
			MAY	CL	2	214	-	85
			JUN	CL	2	199		
			JUL	CL	3	307		
			AUG	CL	4	396	-	303
			SEP	CL	5	495		
			OCT	CL	2	193		
			NOV	CL	1	101	-	94
			DEC	CL	1	103		
		GNS	MAR	CL	2	211	-	39
			JUN	CL	1	46	-	-
PLA	3N	OTB	JAN	CL	2	213	-	100
			MAR	CL	2	233		
			APR	CL	4	287	-	171
			MAY	CL	4	470		
			JUL	CL	4	453		
			AUG	CL	1	131	-	267
			SEP	CL	5	514		
			OCT	CL	4	439		
			NOV	CL	2	226	-	181
			DEC	CL	1	105		
	3O	OTB	OCT	CL	1	50	-	11
	5Y	OTB	JAN	CL	4	526		
			FEB	CL	6	519	-	295
			MAR	CL	6	584		
			APR	CL	6	404		
			MAY	CL	7	645	-	337
			JUN	CL	4	431		
			JUL	CL	3	293		
			AUG	CL	4	385	-	246
			SEP	CL	4	533		
			OCT	CL	3	314		
			NOV	CL	5	496	-	211
			DEC	CL	2	100		
		GNS	APR	CL	1	106	-	20

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of Len sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	5Zu	OTB	JAN	CL	3	334		
			FEB	CL	2	221	-	150
			MAR	CL	3	303		
			APR	CL	4	301		
			MAY	CL	9	835	-	299
			JUN	CL	2	216		
			JUL	CL	4	509		
			AUG	CL	4	363	-	215
			SEP	CL	2	204		
			OCT	CL	2	201		
			NOV	CL	2	186	-	173
			DEC	CL	4	391		
WIT	3N	OTB	APR	CL	1	108		
			MAY	CL	6	6588	-	197
			JUN	CL	2	171		
			JUL	CL	1	121	-	100
			SEP	CL	3	294		
			NOV	CL	1	101	-	27
	3O	OTB	JUN	CL	1	100	-	25
	5Y	OTB	JAN	CL	5	487		
			FEB	CL	4	334	-	265
			MAR	CL	5	386		
			APR	CL	6	573		
			MAY	CL	2	230	-	220
			JUN	CL	2	211		
			JUL	CL	2	157		
			AUG	CL	1	100	-	175
			SEP	CL	4	393		
			OCT	CL	1	50		
			NOV	CL	7	697	-	225
			DEC	CL	2	240		
	5Zu	OTB	APR	CL	1	100		
			MAY	CL	1	101	-	38
			JUN	CL	1	102		
			JUL	CL	1	100	-	70
			SEP	CL	4	300		
	6A	DRH	JUN	CL	1	101	-	25
YEL	3N	OTB	JAN	CL	3	82/119	-	100
			APR	CL	4	201/197	-	278
			MAY	CL	5	253/242		
			JUL	CL	1	43/59		
			AUG	CL	3	128/166	-	223
			SEP	CL	3	74/231		
			OCT	CL	2	88/112	-	128
			NOV	CL	2	37/165		
	3O	OTB	OCT	CL	2	93/103	-	66
	5Y	OTB	MAR	CL	1	118/65	-	30
			APR	CL	1	44/57	-	68
			MAY	CL	1	94/27		
			OCT	CL	2	112/112	-	90
			DEC	CL	1	100/47		
	5Zu	OTB	JAN	CL	1	42/38		
			FEB	CL	3	196/122	-	394
			MAR	CL	9	455/483		
			APR	CL	3	112/187		
			MAY	CL	6	310/400	-	393
			JUN	CL	5	242/332		
			AUG	CL	5	301/246	-	412
			SEP	CL	9	424/437		
			OCT	CL	4	223/212	-	120

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	5Zw	OTB	MAR	CL	3	98/161	-	94
			JUN	CL	4	116/286	-	120
			JUL	CL	1	40/35	-	30
			OCT	CL	2	49/150	-	86
			DEC	CL	1	11/74		
	6A	OTB	JAN	CL	2	89/151	-	55
FLW	5Y	OTB	JAN	CL	3	258	-	74
			MAR	CL	1	90		
			JUN	CL	2	197	-	44
			NOV	CL	3	206	-	65
			DEC	CL	1	107		
		GNS	MAR	CL	2	221	-	32
			APR	CL	1	100	-	75
			MAY	CL	2	200		
	5Zu	OTB	JAN	CL	5	413		
			FEB	CL	2	212	-	217
			MAR	CL	4	273		
			APR	CL	8	748		
			MAY	CL	5	412	-	401
			JUN	CL	8	754		
			JUL	CL	2	242		
			AUG	CL	5	485	-	283
			SEP	CL	9	794		
			OCT	CL	5	397		
			NOV	CL	7	625	-	275
			DEC	CL	3	220		
	5Zw	OTB	MAR	CL	4	403	-	70
			JUN	CL	2	207	-	50
			JUL	CL	3	313	-	86
			SEP	CL	1	50		
			OCT	CL	1	98		
			NOV	CL	1	97	-	86
			DEC	CL	2	155		
	6A	OTB	FEB	CL	2	269	-	56
FLS	5Y	OTB	JUN	CL	1	72	-	25
	5Zu	OTB	JAN	CL	4	375	-	125
			MAR	CL	1	104		
			APR	CL	2	192	-	50
			OCT	CL	2	240	-	72
			DEC	CL	1	72		
		FPN	JUN	CL	1	83	-	25
	5Zw	OTB	JAN	CL	1	91	-	50
			FEB	CL	1	84		
			JUN	CL	2	195	-	50
			JUL	CL	1	97		
			AUG	CL	3	356	-	175
			SEP	CL	3	295		
			OCT	CL	1	45	-	125
			NOV	CL	4	317		
	6A	OTB	JAN	CL	3	300		
			FEB	CL	3	345	-	177
			MAR	CL	1	100		
			MAY	CL	1	51	-	72
			JUN	CL	2	207		
			AUG	CL	4	416	-	225
			SEP	CL	5	511		
			OCT	CL	5	506	-	125

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	6B	OTB	JAN	CL	5	486		
			FEB	CL	1	101	-	512
			MAR	CL	15	1584		
			APR	CL	3	326	-	100
			MAY	CL	1	113		
			SEP	CL	5	500	-	125
			OCT	CL	9	920	-	225
	6C	OTB	DEC	CL	3	312	-	73
FLD	5Zu	OTB	JAN	CL	3	332		
			FEB	CL	2	259	-	150
			MAR	CL	1	119		
			APR	CL	2	232	-	75
			MAY	CL	1	134		
			AUG	CL	1	141	-	100
			SEP	CL	3	340		
			NOV	CL	2	234	-	225
			DEC	CL	2	242		
	5Zw	OTB	MAR	CL	1	101	-	25
			APR	CL	2	255	-	75
			JUN	CL	1	105		
			NOV	CL	2	218	-	50
USK	5Y	OTB	JAN	CL	2	213	-	72
			APR	CL	1	107	-	32
			SEP	CL	1	101	-	24
			NOV	CL	1	103	-	32
			DEC	CL	1	109		
		GNS	APR	CL	1	105	-	-
	5Zu	OTB	MAR	CL	1	110	-	-
			APR	CL	1	105	-	-
			SEP	CL	1	45	-	-
SCP	5Zw	OTB	MAY	CL	1	95	-	175
			JUN	CL	6	616		
			JUL	CL	3	299	-	175
			SEP	CL	4	392		
			OCT	CL	5	517	-	178
			NOV	CL	2	201		
		FPO	MAY	CL	1	101	-	25
	6A	OTB	MAR	CL	6	620	-	139
			APR	CL	3	256	-	69
			NOV	CL	2	200	-	200
			DEC	CL	6	614		
	6B	OTB	JAN	CL	14	1369		
			FEB	CL	6	615	-	830
			MAR	CL	14	1557		
			APR	CL	10	1033	-	275
			MAY	CL	1	105		
			OCT	CL	1	101	-	25
HKW	4X	OTB	FEB	CL	1	100	-	-
	5Y	OTB	JAN	CL	1	107	-	-
			FEB	CL	1	108		
			APR	CL	1	85		
			MAY	CL	5	749	-	-
			JUN	CL	1	100		
			JUL	CL	2	186	-	25
			SEP	CL	1	54		
			OCT	CL	1	88	-	-
			NOV	CL	6	516		

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
		SSC	MAR	CL	1	143	-	-
			JUN	CL	1	43	-	-
		GNS	JUL	CL	1	111	-	-
			SEP	CL	1	103		
	5Zu	OTB	JAN	CL	1	112		
			FEB	CL	1	100	-	-
			MAR	CL	1	100		
			MAY	CL	1	100	-	-
			SEP	CL	1	105	-	-
HER	5Y	PS	FEB	CL	3	281	-	120
			MAR	CL	2	199		
			APR	CL	2	198	-	90
			JUN	CL	1	101		
			JUL	CL	2	200		
			AUG	CL	1	99	-	120
			SEP	CL	1	99		
			DEC	CL	5	506	-	120
MAC	5Y	PS	JUL	CL	1	100	-	-
			OCT	CL	1	98	-	30
		GNS	OCT	CL	1	101	-	-
			NOV	CL	1	102	-	-
		FPO	JUN	CL	4	455	-	90
			NOV	CL	1	110	-	-
		FWR	NOV	CL	1	108	-	-
	5Zw	OTB	FEB	CL	1	101	-	36
			MAR	CL	1	101		
			NOV	CL	1	101	-	25
	6A	OTB	JAN	CL	1	100	-	31
			FEB	CL	2	250		
	6B	OTB	JAN	CL	2	218	-	181
			MAR	CL	4	456		
			APR	CL	3	326	-	100
			MAY	CL	1	114		
	6C	OTB	FEB	CL	2	215	-	72
			MAR	CL	1	102		
BUT	5Zw	OTB	JAN	CL	1	108		
			FEB	CL	2	199	-	125
			MAR	CL	2	197		
			MAY	CL	1	99	-	50
			JUN	CL	4	404		
			JUL	CL	2	155		
			AUG	CL	1	100	-	75
			SEP	CL	2	198		
			OCT	CL	3	300	-	200
			NOV	CL	5	502		
	6A	OTB	FEB	CL	1	99	-	55
			MAR	CL	4	403		
			APR	CL	1	103	-	-
			NOV	CL	1	91	-	25
	6B	OTB	JAN	CL	1	105		
			FEB	CL	1	105	-	150
			MAR	CL	4	405		

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of Len sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
BSB	5Zw	OTB	MAY	CL	1	95	-	25
	6A	OTB	DEC	CL	1	106	-	-
	6B	OTB	JAN	CL	1	100	-	69
			FEB	CL	5	549		
			MAR	CL	2	202		
			MAY	CL	1	105	-	-
		FPO	JUN	CL	2	219	-	-
SQL	5Y	FPN	JUN	CL	1	51		
	5Zw	OTB	MAR	CL	1	50		
			MAY	CL	12	678		
			JUN	CL	4	361		
			JUL	CL	6	302		
			AUG	CL	2	105		
			SEP	CL	1	50		
			OCT	CL	2	104		
			NOV	CL	1	97		
		FPN	MAY	CL	1	50		
	6A	OTB	FEB	CL	2	100		
			MAR	CL	1	51		
			APR	CL	2	101		
			MAY	CL	1	50		
			JUN	CL	2	104		
			AUG	CL	1	62		
			NOV	CL	2	101		
			DEC	CL	2	103		
	6B	OTB	JAN	CL	1	71		
			FEB	CL	1	62		
			MAR	CL	3	176		
			APR	CL	3	220		
			MAY	CL	1	50		
	6C	OTB	OCT	CL	1	54		
SQI	6B	OTB	JAN	CL	1	58		
			MAY	CL	1	53		
			JUN	CL	1	62		
			JUL	CL	1	57		
	6C	OTB	JUL	CL	1	54		
			AUG	CL	5	264		
			SEP	CL	4	211		
SCA	5Y	DRB	MAR	CL	1	539		
			MAY	CL	1	371		
	5Zu	DRB	JAN	CL	2	390		
			FEB	CL	2	604		
			MAR	CL	2	362		
			APR	CL	3	700		
			MAY	CL	16	4161		
			JUN	CL	10	2350		
			JUL	CL	13	3780		
			AUG	CL	12	2964		
			SEP	CL	9	1939		
			OCT	CL	7	1892		
			NOV	CL	3	656		
			DEC	CL	5	1353		
	5Zw	DRB	SEP	CL	2	405		

Table 2. (Continued)

USA (National)

Species	NAFO Div.	Gear	Month	Type of sample	Len samples No.	Len samples No.meas.	Age samples No.	Age samples No.aged
	6A	OTB	JUN	CL	1	221		
			JUL	CL	1	201		
		DRB	JAN	CL	1	593		
			FEB	CL	5	1499		
			MAR	CL	5	1042		
			APR	CL	3	554		
			MAY	CL	2	500		
			JUN	CL	4	992		
			JUL	CL	1	200		
			AUG	CL	4	887		
			SEP	CL	5	1178		
			OCT	CL	2	638		
			NOV	CL	2	378		
			DEC	CL	1	265		
	6B	OTB	JUN	CL	1	200		
			AUG	CL	1	200		
		DRB	JAN	CL	4	934		
			FEB	CL	2	488		
			MAR	CL	7	1759		
			APR	CL	5	1055		
			MAY	CL	10	2336		
			JUN	CL	10	2348		
			JUL	CL	5	1083		
			AUG	CL	7	1555		
			SEP	CL	11	2805		
			OCT	CL	2	450		
			NOV	CL	6	1622		
			DEC	CL	3	763		
	6C	DRB	JAN	CL	1	310		
			APR	CL	1	283		
			SEP	CL	1	131		
			NOV	CL	1	85		