



SCIENTIFIC COUNCIL MEETING - JUNE 2001

List of Biological Sampling Data for 2000

NAFO Secretariat

1. In accordance with the June 1997 recommendation of the Scientific Council, Biological Sampling Data (*NAFO Sci. Coun. Rep.*, 1997, p. 156) listings are now being compiled for information of the preceding year.
2. This report contains those Lists of Biological Sampling Data for 2000 submitted by Contracting Parties and received at the Secretariat to 20 May 2001. The lists record nationally-collected data and may include data collected through the Scientific Observer Program. The NAFO Pilot Observer Program data (begun in 1991) are not separately indicated.
3. The List of Biological Sampling Data for 1999 reported to the Secretariat prior to the June 2000 Meeting of the Scientific Council was compiled in SCS Doc. 00/10, Serial No. N4222.
4. The following are the codes and abbreviations used in Tables 1 and 2:

Table Headings:	Country	-	country/ component code
	Species	-	3 Alpha code (see Table 1)
	Div	-	NAFO Statistical Division
	Gear	-	abbreviated by code as listed below
	Month	-	month the data were collected
	Type	-	abbreviated by code as listed below
	No.	-	number of length samples
	No. meas	-	number of male/female or total fish measured
	No.	-	number of age samples
	No. aged	-	number of male/female or total fish aged

GEAR Codes:	OTB -	Bottom otter trawl (side and stern)	LL -	Longlines (set)
	OTM -	Midwater trawl (side and stern)	LHP -	Handlines and pole-lines
	PTB -	Bottom pair trawl (2 boats)	FPN -	Uncovered pound nets
	PTM -	Midwater pair trawl (2 boats)	FWR -	Weirs
	SN -	Seine net (Danish and Scottish seines)	DRB -	Boat dredges
	SB -	Beach seines	HAR -	Harpoons
	PS -	Purse seines	MISC -	Miscellaneous (e.g. cast-nets and dip-nets)
	GN -	Gillnets (set and drift)		

TYPE Codes:	CC or CL	-	Commercial catch or landings
	OC or OL	-	Observer catch or landings
	EC or EL	-	Exploratory catch or landings
	RC	-	Research catch

5. The Secretariat has been provided with listings of data only.
6. For further information or on data sources, please contact the Secretariat:

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TABLE 1. List of countries and country code, species items, Divisions for which sampling data were reported in 2000.

Country [Code]	Species [3 Alpha Code]	Division
Canada (Central & Arctic) [CAN-CA]	Greenland halibut [GHL]	0A,0B
Canada (Scotia Fundy) [CAN-SF]	Cod [COD]	3O,3P,4T,4V,4W,4X,5Y,5Z
	Haddock [HAD]	4V,4W,4X,5Y,5Z
	Redfish [RED]	3O,3P,4R,4T,4V,4W,4X
	Silver hake [HKS]	4W,4X
	Pollock [POK]	3P,4T,4V,4W,4X,5Y,5Z
	American plaice [PLA]	4V,4X,5Z
	Witch flounder [WIT]	4V,4X
	Yellowtail flounder [YEL]	3N,4X,5Z
	Greenland halibut [GHL]	4V
	Atlantic halibut [HAL]	4V,4W,4X,5Z
	Winter flounder [FLW]	4X,5Z
	American angler [ANG]	4X,5Z
	Cusk [USK]	4X,5Z
	White hake [HKW]	4T,4V,4X,5Z
	Wolffishes [CAT]	4X
	Atlantic herring [HER]	4V,4X,5Y
	Atlantic mackerel [MAC]	4V,4X
	Atlantic haegfish [MYG]	4W,4X
	Spiny dogfishes [DGS]	4T,4X
	Winter Skate [RJT]	4V
	Thorny Skate [RJR]	4V
Canada (Newfoundland) [CAN-N]	Cod [COD]	3K,3L,3Ps
	Redfish [RED]	3O,3Pn,3Ps,4Vn,4Vs
	Pollock [POK]	3Ps
	American plaice [PLA]	3N,3Ps
	Witch flounder [WIT]	2J,3K,3L,3Ps
	Yellowtail flounder [YEL]	3N
	Greenland halibut [GHL]	0B,2J,3K,3L
	White hake [HKW]	3Ps
Portugal [PRT]	Cod [COD]	3L,3M,3N,3O
	Redfish, golden [REG]	3M,3N,3O
	Redfish, beaked [REB]	3L,3M,3N,3O
	American plaice [PLA]	3L,3M,3N,3O
	Witch flounder [WIT]	3L,3M,3N,3O
	Yellowtail flounder [YEL]	3N,3O
	Greenland halibut [GHL]	3L,3M,3N
	Roughhead grenadier [RHG]	3L,3M,3N
Spain [SPA]	Cod [COD]	3M,3N,3O
	Redfish [RED]	1F,3L,3M,3N,3O
	Red hake [HKR]	3L,3M,3O
	Redfish, golden [REG]	3M
	Redfish, beaked [REB]	3M
	Acadian redfish [REN]	3M
	American plaice [PLA]	3L,3M,3N,3O
	Witch flounder [WIT]	3L,3M,3N,3O
	Yellowtail flounder [YEL]	3N,3O
	Greenland halibut [GHL]	3L,3M,3N,3O
	Blue antimora [ANT]	3L,3M
	Roundnose grenadier [RNG]	3L,3M
	Roughhead grenadier [RHG]	3L,3M,3N,3O
	Atlantic wolffish [CAA]	3M
	Spotted wolffish [CAS]	3M
	Black dogfish [CFB]	3M,3N
	Thorny skate [RJR]	3M,3N
	N. Prawn [PRA]	3M

TABLE 2. List of Sampling Data reported for 2000.

Country	Species Code	NAFO		Month	Type of sample	Length samples		Age samples					
		Div.	Gear			No.	No. meas.	No.	No. aged				
CAN-CA	GHL	0A	OTB	AUG	EC	3	623	-	-				
				AUG	OC	4	604	4	20				
				SEP	OC	15	3216	5	870				
		0B	LL	FEB	EL	1	156	1	58				
				MAR	EL	1	95	1	36				
				APR	EL	2	174	2	133				
CAN-SF	COD	3O	OTB	APR	CL	1	202	-	-				
				MAR	CL	1	202	-	-				
				NOV	CL	2	462	-	-				
		4T	OTB	DEC	CL	3	842	-	-				
				FEB	CL	2	402	-	-				
				APR	CL	1	200	-	-				
		4V	OTB	MAY	CL	1	203	-	-				
				JUN	CL	1	181	-	-				
				SDN	MAY	CL	5	781	-	-			
					JUN	CL	1	151	-	-			
				LL	MAY	CL	2	150	-	-			
					JUN	CL	2	112	-	-			
					JUL	CL	4	553	-	-			
					AUG	CL	7	1733	-	-			
				4W	LL	SEP	CL	8	2094	-	-		
						OCT	CL	4	1001	-	-		
						JUN	CL	1	46	-	-		
						4X	OTB	JAN	CL	5	1148	2	84
								FEB	CL	6	937	2	70
								MAR	CL	9	1869	6	260
								APR	CL	4	896	2	74
								MAY	CL	8	1998	2	86
		JUN	CL	5	1004			1	42				
		JUL	CL	5	1009			2	95				
		AUG	CL	2	398			2	93				
		SEP	CL	4	789			2	109				
		OCT	CL	5	1148			3	117				
		NOV	CL	9	2131			2	103				
		DEC	CL	3	610			-	-				
		GN	LL	MAR	CL	2	520	1	32				
				MAY	CL	1	240	-	-				
				JUN	CL	2	312	1	44				
				SEP	CL	1	245	-	-				
				OCT	CL	1	262	1	51				
				FEB	CL	1	270	1	43				
				MAR	CL	3	578	1	34				
				APR	CL	1	80	1	44				
		LHP	OTB	MAY	CL	1	37	1	30				
				JUN	CL	1	454	1	84				
				AUG	CL	1	253	1	67				
				SEP	CL	5	830	1	39				
				OCT	CL	2	486	1	55				
				NOV	CL	4	814	3	128				
				DEC	CL	1	262	1	49				
				JUN	CL	10	2289	2	89				
				JUL	CL	1	228	1	36				
				5Y	OTB	MAR	CL	1	300	1	43		
						JUN	CL	1	103	-	-		
				5Z	OTB	JUN	CL	11	2374	9	365		
		JUL	CL			8	1479	6	221				
		AUG	CL			3	581	3	102				
		OCT	CL			3	666	3	124				

TABLE 2. (Continued).

Country	Species	NAFO	Gear	Month	Type of sample	Length samples		Age samples						
	Code	Div.				No.	No. meas.	No.	No. aged					
CAN-SF	COD	5Z	GN	JUN	CL	3	826	1	47					
				JUL	CL	1	292	1	42					
				AUG	CL	1	165	-	-					
				SEP	CL	1	182	1	41					
				JUL	CL	2	505	1	39					
				AUG	CL	2	330	-	-					
			SEP	CL	4	1161	2	97						
			OCT	CL	2	474	2	93						
			NOV	CL	2	506	1	49						
			DEC	CL	1	150	-	-						
			HAD	4V	4W	OTB	JUN	CL	1	94	-	-		
							SEP	CL	2	168	-	-		
							JUN	CL	1	186	-	-		
							4X	OTB	JAN	CL	10	2135	-	-
									FEB	CL	9	1908	-	-
									MAR	CL	12	2668	-	-
				APR	CL	3			491	-	-			
				MAY	CL	4			851	-	-			
	JUN	CL		6	1189	-			-					
	5Y	5Z		OTB	JUL	CL	5	1347	-	-				
					AUG	CL	5	933	-	-				
					SEP	CL	6	1258	-	-				
			OCT		CL	6	1389	-	-					
			NOV		CL	4	760	-	-					
			DEC		CL	4	843	-	-					
			GN		FEB	CL	1	153	-	-				
					OCT	CL	1	178	-	-				
					LL	FEB	CL	1	225	-	-			
						MAR	CL	4	840	-	-			
						APR	CL	1	245	-	-			
						MAY	CL	1	261	-	-			
			JUL			CL	1	200	-	-				
			AUG			CL	2	450	-	-				
			LHP		5Z	OTB	SEP	CL	2	170	-	-		
							OCT	CL	4	923	-	-		
							JUN	CL	1	210	-	-		
							JAN	CL	1	275	-	-		
	JUN	CL		14			3129	13	414					
	JUL	CL		10			2457	10	283					
	AUG	CL		6			1461	4	59					
	SEP	CL		4			933	4	55					
	OCT	CL		8			1756	8	195					
	NOV	CL		3			669	3	74					
	DEC	CL		3			705	2	47					
	GN	AUG		CL			1	200	1	24				
		SEP	CL	1	177	1	24							
		LL	JUL	CL	3	733	2	58						
			AUG	CL	3	656	3	13						
			SEP	CL	3	710	2	52						
			OCT	CL	1	200	1	29						
	NOV	CL	1	234	1	35								
	RED	30	NK	AUG	CL	1	204	1	39					
OTB				MAY	CL	1	181	-	-					
				JUN	CL	1	157	-	-					
3P				OTB	JAN	CL	3	600	-	-				
					SEP	CL	1	200	-	-				
4R				OTB	JUL	CL	1	200	-	-				
					OTM	CL	1	200	-	-				
4T				OTM	SEP	CL	1	199	-	-				

TABLE 2. (Continued).

Country	Species Code	NAFO Div.	Gear	Month	Type of sample	Length samples		Age samples					
						No.	No. meas.	No.	No. aged				
CAN-SF	RED	4V	OTB	JUL	CL	5	774	-	-				
				AUG	CL	4	621	-	-				
				SEP	CL	1	187	-	-				
				OCT	CL	1	73	-	-				
		OTM	SEP	CL	1	200	-	-					
			DEC	CL	1	200	-	-					
			JUL	CL	1	200	-	-					
			OCT	CL	1	240	-	-					
		4W	OTB	MAR	CL	3	650	-	-				
				APR	CL	3	720	-	-				
				MAY	CL	3	701	-	-				
				JUN	CL	7	1762	-	-				
				JUL	CL	1	375	-	-				
				AUG	CL	6	1489	-	-				
	SEP			CL	4	973	-	-					
	OCT			CL	5	1212	-	-					
	NOV			CL	3	640	-	-					
	DEC			CL	1	232	-	-					
	HKS			4W	OTB	JAN	CL	4	670	-	-		
						FEB	CL	7	1231	-	-		
						MAY	CL	11	1647	-	-		
		JUN	CL			13	1847	-	-				
		JUL	CL			27	5932	-	-				
		AUG	CL			9	1753	-	-				
		SEP	CL			17	3281	-	-				
		OCT	CL			11	1595	-	-				
		NOV	CL			3	858	-	-				
		4X	OTB			FEB	CL	12	1917	-	-		
	MAR			CL	24	4681	-	-					
	APR			CL	26	4957	-	-					
	MAY			CL	8	1336	-	-					
	JUN			CL	9	1401	-	-					
	JUL			CL	1	134	-	-					
	AUG			CL	1	167	-	-					
	OCT			CL	1	131	-	-					
	POK			3P	OTB	MAR	CL	1	276	-	-		
						4T	OTB	DEC	CL	2	419	-	-
						4V	OTB	FEB	CL	1	204	1	23
	4W			OTB	MAR	CL	2	399	2	55			
					APR	CL	1	200	1	26			
					MAY	CL	1	200	1	19			
					JUN	CL	1	111	1	17			
					NOV	CL	1	200	-	-			
					JAN	CL	1	200	1	27			
		FEB	CL		1	200	1	18					
		4X	OTB		JAN	CL	6	1348	6	210			
					FEB	CL	4	768	4	123			
MAR					CL	2	314	2	58				
APR					CL	5	1042	5	154				
MAY					CL	5	1201	5	183				
JUN					CL	7	1468	6	209				
JUL					CL	4	800	4	141				
AUG					CL	1	275	1	35				
SEP					CL	1	225	-	-				
OCT					CL	3	672	-	-				
NOV					CL	5	948	-	-				
DEC					CL	3	625	-	-				
GN					OTB	FEB	CL	1	220	1	33		
	MAR	CL	1	225		1	28						

TABLE 2. (Continued).

Country	Species Code	NAFO Div.	Gear	Month	Type of sample	Length samples		Age samples					
						No.	No. meas.	No.	No. aged				
CAN-SF	POK	4X	GN	MAY	CL	4	755	3	102				
				JUN	CL	1	230	1	36				
				AUG	CL	1	205	-	-				
				OCT	CL	5	1162	-	-				
				JUN	CL	1	184	1	21				
			SEP	CL	1	35	-	-					
			JUN	CL	4	436	2	59					
			5Y	GN	JUN	CL	1	148	1	36			
			5Z	OTB	JUN	CL	4	833	3	82			
					JUL	CL	2	429	2	57			
					SEP	CL	1	202	-	-			
					OCT	CL	4	808	-	-			
					JUN	CL	2	405	1	31			
				AUG	CL	1	225	-	-				
				LL	JUL	CL	1	56	1	19			
	OCT	CL		1	143	-	-						
	PLA	4V		OTB	AUG	CL	2	361	-	-			
					OCT	CL	3	650	-	-			
			SDN		MAY	CL	5	992	-	-			
			JUN		CL	3	594	-	-				
			JUL		CL	2	429	-	-				
		AUG	CL	3	460	-	-						
		SEP	CL	1	192	-	-						
		OCT	CL	2	401	-	-						
		NOV	CL	1	203	-	-						
		LL	SEP	CL	1	177	-	-					
	4X	OTB	MAY	CL	2	465	-	-					
			AUG	CL	1	260	-	-					
			AUG	CL	1	296	-	-					
			WIT	4V	SDN	MAY	CL	3	531	-	-		
						JUN	CL	3	553	-	-		
		AUG				CL	1	200	-	-			
		SEP				CL	1	205	-	-			
		OCT				CL	2	425	-	-			
		NOV	CL	1	170	-	-						
		4X	OTB	FEB	CL	1	260	-	-				
	MAR			CL	1	250	-	-					
	MAY			CL	2	270	-	-					
	AUG			CL	1	218	-	-					
	SEP			CL	3	703	-	-					
	NOV			CL	1	240	-	-					
	YEL			3N	OTB	DEC	CL	1	212	-	-		
						4X	OTB	JUN	CL	2	470	-	-
						5Z		JUN	CL	5	1120	-	-
						JUL		CL	7	1532	-	-	
		AUG	CL			18		4562	-	-			
	SEP	CL	13	3259	-	-							
	OCT	CL	11	2712	-	-							
	NOV	CL	2	547	-	-							
	DEC	CL	2	456	-	-							
GHL	4V	SDN	MAY	CL	2	295	-	-					
			JUN	CL	2	262	-	-					
			NOV	CL	1	168	-	-					
HAL	4V	LL	MAY	CL	3	115	-	-					
			JUN	CL	1	21	-	-					
			JUL	CL	1	13	-	-					
			AUG	CL	1	5	-	-					
			SEP	CL	1	11	-	-					
			OCT	CL	1	9	-	-					

TABLE 2. (Continued).

Country	Species		NAFO		Type of sample	Length samples		Age samples		
	Code	Div.	Gear	Month		No.	No. meas.	No.	No. aged	
CAN-SF	HAL	4W	LL	MAY	CL	1	13	-	-	
			OTB	JUN	CL	1	11	-	-	
		4X	LL	NOV	CL	1	1	-	-	
				MAR	CL	2	153	-	-	
		FLW	5Z	LL	APR	CL	1	21	-	-
					MAY	CL	2	32	-	-
			4X	OTB	AUG	CL	1	10	-	-
					AUG	CL	1	14	-	-
					APR	CL	1	250	-	-
					MAY	CL	3	712	-	-
	JUN				CL	2	485	-	-	
	JUL				CL	1	260	-	-	
	AUG				CL	1	241	-	-	
	SEP				CL	2	470	-	-	
	OCT	CL	4	922	-	-				
	NOV	CL	2	374	-	-				
	ANG	5Z	OTB	DEC	CL	1	219	-	-	
				AUG	CL	1	236	-	-	
		4X	OTB	FEB	CL	1	295	-	-	
				MAR	CL	3	740	-	-	
				APR	CL	2	590	-	-	
				MAY	CL	2	623	-	-	
				JUN	CL	1	300	-	-	
				NOV	CL	2	472	-	-	
				GN	OCT	CL	1	15	-	-
					LL	MAR	CL	2	78	-
	USK	5Z	OTB	OCT	CL	1	61	-	-	
				AUG	CL	1	137	-	-	
		4X	OTB	OCT	CL	3	677	-	-	
				NOV	CL	2	389	-	-	
				DEC	CL	1	228	-	-	
				JUN	CL	2	208	-	-	
				AUG	CL	1	44	-	-	
				OCT	CL	1	62	-	-	
				LL	FEB	CL	1	239	-	-
					MAR	CL	1	220	-	-
	HKW	5Z	LL	APR	CL	1	180	-	-	
				JUN	CL	1	228	-	-	
		4X	OTB	AUG	CL	4	1008	-	-	
				OCT	CL	3	721	-	-	
				JUL	CL	1	294	-	-	
				SEP	CL	1	250	-	-	
				OCT	CL	3	696	-	-	
				NOV	CL	2	420	-	-	
				DEC	CL	1	276	-	-	
				AUG	CL	1	218	-	-	
	4V	LL	SDN	JUN	CL	1	73	-	-	
				MAY	CL	3	584	-	-	
		LL	JUN	CL	2	409	-	-		
			JUL	CL	5	986	-	-		
AUG			CL	4	662	-	-			
SEP			CL	4	702	-	-			
OCT			CL	3	552	-	-			
JAN			CL	1	112	-	-			
FEB			CL	2	444	-	-			
MAR			CL	1	135	-	-			
MAY	CL	2	465	-	-					
JUL	CL	1	199	-	-					
SEP	CL	2	490	-	-					

TABLE 2. (Continued).

Country	Species Code	NAFO Div.	Gear	Month	Type of sample	Length samples		Age samples					
						No.	No. meas.	No.	No. aged				
CAN-SF	HKW	4X	OTB	OCT	CL	1	260	-	-				
				MAY	CL	1	248	-	-				
			LL	OCT	CL	1	204	-	-				
				MAR	CL	2	510	-	-				
				APR	CL	1	266	-	-				
				JUN	CL	2	495	-	-				
				AUG	CL	1	262	-	-				
				OCT	CL	3	634	-	-				
			5Z	LL	JUL	CL	1	216	-	-			
					SEP	CL	1	250	-	-			
	OCT	CL		2	501	-	-						
		CL		1	92	-	-						
	CAT	4X	PTB	JUL	CL	1	188	-	-				
				MAY	CL	1	188	-	-				
	HER	4V	GN	SEP	CL	2	368	-	-				
					CL	1	175	-	-				
					CL	1	150	-	-				
				4X	PS	MAY	CL	1	150	-	-		
						JUL	CL	3	461	-	-		
						AUG	CL	1	195	-	-		
						SEP	CL	1	175	-	-		
				MAC	5Y	4V	PS	OCT	CL	2	435	-	-
								MAY	CL	1	175	-	-
								JUL	CL	1	180	-	-
	LHP	SEP	CL				2	462	-	-			
		OCT	CL				1	252	-	-			
		MAY	CL				1	231	-	-			
	MYG	4X	GN	FPN	JUN	CL	3	628	-	-			
					OCT	CL	1	214	-	-			
					MAY	CL	2	380	-	-			
				4W	LL	JUN	CL	1	175	-	-		
						JUN	CL	1	210	-	-		
				4X	LL	JUL	CL	2	440	-	-		
AUG						CL	1	185	-	-			
DGS				4T	LL	AUG	CL	1	185	-	-		
						AUG	CL	4	1034	-	-		
RJT				4V	OTB	APR	CL	6	1904	-	-		
	MAY	CL	3			826	-	-					
	OCT	CL	1			315	-	-					
RJR	4V	OTB	APR	CL	6	733	-	-					
			MAY	CL	2	168	-	-					
			MAY	CL	2	168	-	-					
CAN-N	COD	3K	GN	JUL	CL	6	182	-	89				
				SEP	CL	25	933	-	167				
				OCT	CL	2	71	-	36				
			LHP	JUN	CL	1	116	-	27				
				SEP	CL	12	503	-	170				
				OCT	CL	2	36	-	36				
			3L	GN	JUL	CL	32	3273	-	485			
					AUG	CL	1	186	-	88			
					SEP	CL	28	2259	-	282			
				LL	OCT	CL	13	1048	-	105			
		JUL			CL	1	145	-	22				
		SEP			CL	3	482	-	200				
		OCT			CL	1	83	-	27				
		LHP	JUL	CL	6	509	-	166					
			SEP	CL	7	205	-	36					
			OCT	CL	16	1206	-	333					
		3Ps	OTB	JAN	CL	4	1118	-	211				
				FEB	CL	5	1293	-	242				
				MAR	CL	2	610	-	94				
				OCT	CL	2	536	-	133				
OCT	CL			2	536	-	133						

TABLE 2. (Continued).

Country	Species	NAFO	Gear	Month	Type of sample	Length samples		Age samples		
	Code	Div.				No.	No. meas.	No.	No. aged	
CAN-N	COD	3PS	OTB	NOV	CL	1	305	-	55	
				DEC	CL	3	825	-	245	
				SN	JAN	CL	2	481	-	103
					FEB	CL	1	323	-	69
			GN	NOV	CL	8	1991	-	403	
				DEC	CL	1	222	-	80	
				JAN	CL	6	1130	-	214	
				FEB	CL	6	1256	-	169	
				MAR	CL	51	6745	-	1278	
				MAY	CL	1	160	-	40	
				JUN	CL	43	6380	-	1188	
				JUL	CL	15	3119	-	375	
				SEP	CL	10	1697	-	322	
				OCT	CL	1	516	-	50	
				NOV	CL	27	3925	-	462	
				DEC	CL	7	1027	-	215	
			LL	MAR	CL	2	613	-	128	
				MAY	CL	3	557	-	34	
				JUN	CL	31	5353	-	772	
				AUG	CL	2	330	-	95	
	SEP	CL		18	4386	-	274			
	OCT	CL		2	455	-	75			
	NOV	CL		17	3689	-	422			
	DEC	CL		7	1743	-	246			
	LHP	NOV	CL	1	382	-	55			
		DEC	CL	2	295	-	81			
	RED	3O	OTB	MAY	CL	2	127/211	-	-	
				SEP	CL	1	87/113	-	-	
		3PN	OTB	JAN	CL	2	197/203	-	-	
				JUL	CL	5	428/351	-	11/10	
		4VN	OTB	AUG	CL	3	242/199	-	-	
				SEP	CL	1	69/118	-	12/11	
		4VS	OTB	SEP	CL	1	73/127	-	-	
				OCT	CL	1	32/41	-	-	
				DEC	CL	1	91/109	-	11/16	
				AUG	CL	2	423	-	70	
	POK	3PS	GN	AUG	CL	2	423	-	70	
				MAY	CL	3	230/685	-	-	
	PLA	3PS	OTB	JAN	CL	5	227/1392	-	79/187	
				NOV	CL	1	65/240	-	16/23	
	WIT	2J	OTB	MAY	CL	1	126/175	-	15/22	
				JUN	CL	2	79/517	-	46/85	
3K		OTB	JUL	CL	1	6/161	-	5/32		
			MAY	CL	1	111/198	-	19/25		
YEL	3L	OTB	JAN	CL	5	704/906	-	100/121		
			APR	CL	2	281/390	-	-		
	3N	OTB	MAY	CL	4	458/752	-	-		
			MAY	CL	1	314	-	51		
GHL	0B	LL	AUG	CL	1	412	-	103		
			NOV	CL	1	170/131	-	39/36		
	2J	OTB	JUL	CL	1	51/262	-	33/77		
			JUN	CL	6	745/1030	-	175/248		
	3K	GN	JUL	CL	5	435/793	-	96/151		
			AUG	CL	2	180/422	-	38/65		
			SEP	CL	4	511/698	-	71/76		
			MAY	CL	1	147/152	-	21/29		
	3L	OTB	JUN	CL	4	605/618	-	128/162		
			JUL	CL	2	353/288	-	59/69		
HKW	3PS	GN	AUG	CL	1	103	-	44		

TABLE 2. (Continued).

Country	Species Code	NAFO		Month	Type of sample	Length samples		Age samples			
		Div.	Gear			No.	No. meas.	No.	No. aged		
PRT	COD	3L	OTB	JUL	CC	1	140	-	-		
				APR	CC	1	218	-	-		
				JUL	CC	1	20	-	-		
		3N	OTB	APR	CC	1	93	-	-		
				AUG	CC	4	258	-	-		
				OCT	CC	8	309	-	-		
				NOV	CC	8	815	-	-		
				APR	CC	7	944	-	-		
				JUN	CC	2	121	-	-		
		3O	OTB	AUG	CC	8	302	-	-		
				OCT	CC	6	229	-	-		
				NOV	CC	9	545	-	-		
	APR			CC	1	252	-	-			
	3N			OTB	JUL	CC	2	115	-	-	
					OCT	CC	3	459	-	-	
	3O			OTB	NOV	CC	1	101	-	-	
					APR	CC	6	1656	-	-	
					JUN	CC	4	515	-	-	
		JUL	CC		1	76	-	-			
		AUG	CC		11	1756	-	-			
		OCT	CC		14	1932	-	-			
		NOV	CC		11	1953	-	-			
		REB	3L		OTB	FEB	CC	2	442	-	-
						MAR	CC	25	5082	-	-
						APR	CC	8	2089	-	-
						JUN	CC	5	885	-	-
	JUL			CC		1	120	-	-		
	FEB			CC		1	49	-	-		
	3M		OTB	MAR	CC	2	587	-	-		
				APR	CC	5	1737	-	-		
				JUN	CC	3	480	-	-		
				JUL	CC	3	428	-	-		
				APR	CC	3	428	-	-		
				JUN	CC	3	428	-	-		
	3N	OTB	APR	CC	2	824	-	-			
			JUN	CC	1	258	-	-			
			JUL	CC	3	707	-	-			
			AUG	CC	3	798	-	-			
			OCT	CC	5	1267	-	-			
			NOV	CC	3	616	-	-			
			APR	CC	7	2524	-	-			
			JUN	CC	4	1165	-	-			
			JUL	CC	1	245	-	-			
			AUG	CC	11	3859	-	-			
			OCT	CC	14	5033	-	-			
			NOV	CC	13	4609	-	-			
	PLA	3L	OTB	FEB	CC	7	919	-	-		
				MAR	CC	13	1422	-	-		
				APR	CC	15	2784	-	-		
				FEB	CC	1	177	-	-		
				MAR	CC	2	203	-	-		
				APR	CC	1	214	-	-		
3M		OTB	APR	CC	1	214	-	-			
			APR	CC	6	1506	-	-			
			JUL	CC	3	777	-	-			
			AUG	CC	6	1639	-	-			
			OCT	CC	10	1942	-	-			
			NOV	CC	8	1858	-	-			
3O		OTB	APR	CC	6	1230	-	-			
			AUG	CC	2	459	-	-			
			OCT	CC	7	1415	-	-			
			NOV	CC	7	1544	-	-			

TABLE 2. (Continued).

Country	Species		Gear	Month	Type of sample	Length samples		Age samples			
	Code	Div.				No.	No. meas.	No.	No. aged		
PRT	WIT	3L	OTB	FEB	CC	4	614	-	-		
				MAR	CC	5	612	-	-		
				APR	CC	8	1365	-	-		
				JUL	CC	1	78	-	-		
		3M	OTB	FEB	CC	1	124	-	-		
				APR	CC	1	202	-	-		
				3N	OTB	JUL	CC	1	176	-	-
						AUG	CC	1	94	-	-
		3O	OTB	SEP	CC	2	180	-	-		
				OCT	CC	2	178	-	-		
				NOV	CC	3	397	-	-		
				APR	CC	5	742	-	-		
	YEL	3N	OTB	OCT	CC	2	192	-	-		
				NOV	CC	6	1132	-	-		
				APR	CC	2	976	-	-		
				JUL	CC	1	136	-	-		
		3O	OTB	AUG	CC	3	657	-	-		
				OCT	CC	6	737	-	-		
				NOV	CC	8	1548	-	-		
				OCT	CC	1	301	-	-		
		GHL	3L	OTB	NOV	CC	2	414	-	-	
					FEB	CC	10	2092	-	-	
					MAR	CC	31	8947	-	-	
					APR	CC	19	5913	-	-	
	3M		OTB	JUN	CC	14	3805	-	-		
				JUL	CC	22	6032	-	-		
				AUG	CC	3	813	-	-		
				SEP	CC	1	289	-	-		
	3N		OTB	OCT	CC	4	1010	-	-		
				FEB	CC	4	544	-	-		
				MAR	CC	7	1761	-	-		
				APR	CC	6	1937	-	-		
	RHG	3L	OTB	JUN	CC	7	1799	-	-		
				JUL	CC	12	2954	-	-		
				APR	CC	3	871	-	-		
				JUN	CC	1	273	-	-		
		3M	OTB	JUL	CC	3	697	-	-		
				AUG	CC	2	569	-	-		
				SEP	CC	3	700	-	-		
				OCT	CC	12	2839	-	-		
		3N	OTB	NOV	CC	3	716	-	-		
				FEB	CC	4	701	-	-		
				MAR	CC	6	1124	-	-		
				APR	CC	13	2765	-	-		
	3M	OTB	JUN	CC	12	2477	-	-			
			JUL	CC	21	4156	-	-			
			AUG	CC	3	437	-	-			
			SEP	CC	1	164	-	-			
		3N	OTB	OCT	CC	3	726	-	-		
				FEB	CC	1	145	-	-		
				MAR	CC	2	361	-	-		
				JUN	CC	8	1455	-	-		
		3N	OTB	JUL	CC	10	2024	-	-		
				APR	CC	1	192	-	-		
				JUN	CC	1	243	-	-		
				JUL	CC	3	517	-	-		
	3N	OTB	AUG	CC	2	429	-	-			
			SEP	CC	3	481	-	-			
			OCT	CC	10	2142	-	-			

TABLE 2. (Continued).

Country	Species Code	NAFO		Month	Type of sample	Length samples		Age samples			
		Div.	Gear			No.	No. meas.	No.	No. aged		
SPA	COD	3M	OTB	JUL	RC	41	246	-	246		
			OTB	MAY	RC	70	2753	-	453		
		3N		JUL	CC	1	170	-	-		
				AUG	CC	3	255	-	-		
				SEP	CC	2	373	-	-		
				NOV	CC	3	620	-	-		
				DEC	CC	2	327	-	-		
				3O	OTB	FEB	CC	1	210	-	-
						APR	CC	1	22	-	-
		RED	1F	OTB	JUL	CC	1	233	-	-	
					OCT	CC	8	397	-	-	
			3L	OTB	FEB	CC	4	401	-	82	
					MAR	CC	1	212	-	-	
	3M		OTB	MAR	CC	1	197	-	-		
				APR	CC	1	205	-	-		
				MAY	CC	4	850	-	-		
				JUN	CC	2	380	-	-		
				OCT	CC	2	26	-	-		
				DEC	CC	2	281	-	-		
				PTB	FEB	CC	11	344	-	-	
					MAR	CC	6	178	-	-	
				3N	OTB	MAR	CC	10	1635	-	-
						APR	CC	5	973	-	-
	MAY		CC			2	371	-	-		
	JUL		RC			63	5206	-	164		
	AUG		CC			5	142	-	-		
	SEP		CC			4	205	-	-		
	OCT	CC	1			11	-	-			
	NOV	CC	3			102	-	-			
	PTB	FEB	CC			3	80	-	-		
		MAR	CC			3	31	-	-		
	3O	OTB	MAR	CC	1	194	-	-			
			APR	CC	1	165	-	-			
			MAY	CC	1	220	-	-			
			MAY	RC	38	5895	-	-			
			AUG	CC	2	495	-	-			
			SEP	CC	3	630	-	-			
			APR	CC	2	523	-	-			
			MAY	CC	3	721	-	-			
			JUL	CC	11	2243	-	-			
			AUG	CC	1	204	-	-			
HKR	3L	OTB	SEP	CC	3	609	-	-			
			OCT	CC	3	611	-	-			
	3M	OTB	JUN	CC	2	80	-	-			
			JUL	CC	1	64	-	-			
			MAY	CC	1	73	-	-			
			JUN	CC	2	134	-	-			
			JUL	CC	1	38	-	-			
			JUL	RC	62	1605	-	-			
			OCT	CC	1	210	-	-			
			JUL	RC	87	2594	-	766			
REG	3M	OTB	JUL	RC	97	12308	-	1079			
REB	3M	OTB	JUL	RC	101	7944	-	893			
REN	3M	OTB	JUL	RC	101	7944	-	893			
PLA	3L	OTB	FEB	CC	1	211	-	-			
			MAR	CC	1	210	-	-			
			MAY	CC	2	375	-	-			
			NOV	CC	1	245	-	-			
			DEC	CC	4	817	-	-			
			PTB	FEB	CC	3	93	-	-		

TABLE 2. (Continued).

Country	Species Code	NAFO Div.	Gear	Month	Type of sample	Length samples		Age samples				
						No.	No. meas.	No.	No. aged			
SPA	PLA	3M	OTB	MAR	CC	2	320	-	-			
				APR	CC	1	226	-	-			
				JUL	RC	42	389	-	389			
				AUG	CC	1	2	-	-			
		3N	OTB	FEB	CC	5	906	-	-			
				MAR	CC	3	300	-	-			
				APR	CC	1	231	-	-			
				MAY	CC	1	205	-	-			
				MAY	RC	96	11458	-	83			
				JUL	CC	4	784	-	-			
				AUG	CC	9	1611	-	-			
				SEP	CC	13	2530	-	-			
				NOV	CC	21	3744	-	-			
				DEC	CC	4	733	-	-			
	3O	OTB	APR	CC	1	226	-	-				
			MAY	CC	2	409	-	-				
			SEP	CC	1	199	-	-				
			NOV	CC	4	567	-	-				
			DEC	CC	2	366	-	-				
			MAR	CC	1	76	-	-				
	WIT	3L	OTB	MAR	CC	1	210	-	-			
				JUL	RC	36	237	-	-			
		3M	OTB	FEB	CC	1	128	-	-			
				MAR	CC	4	580	-	-			
		3N	OTB	MAY	RC	90	6369	-	-			
				AUG	CC	8	1041	-	-			
				DEC	CC	1	153	-	-			
				MAY	CC	1	220	-	-			
				DEC	CC	1	225	-	-			
				MAY	CC	1	47	-	-			
	YEL	3N	OTB	MAY	RC	42	7423	-	-			
				JUL	CC	4	780	-	-			
				AUG	CC	11	2032	-	-			
				SEP	CC	13	2396	-	-			
				NOV	CC	19	3231	-	-			
				DEC	CC	7	1103	-	-			
				SEP	CC	1	198	-	-			
				GHL	3O	OTB	FEB	CC	5	970	-	-
							MAR	CC	9	1588	-	-
					3L	OTB	APR	CC	3	615	-	-
	MAY	CC	6				1049	-	-			
	JUN	CC	5				844	-	-			
	AUG	CC	2				280	-	-			
	SEP	CC	2				249	-	-			
	OCT	CC	19				2897	-	-			
	NOV	CC	24				4642	-	1889			
	DEC	CC	41				8682	-	-			
PTB	FEB	CC	14				1366	-	199			
	MAR	CC	8				1120	-	45			
3M	OTB	FEB	CC				7	1441	-	-		
		MAR	CC				24	4715	-	-		
		APR	CC				12	2556	-	-		
		MAY	CC		7	1174	-	-				
		JUN	CC		2	333	-	-				
		JUL	CC	1	114	-	1398					
		JUL	RC	103	4310	-	1185					
		AUG	CC	6	1171	-	-					
		SEP	CC	4	809	-	-					
		OCT	CC	2	309	-	-					

TABLE 2. (Continued).

Country	Species Code	NAFO Div.	Gear	Month	Type of sample	Length samples		Age samples		
						No.	No. meas.	No.	No. aged	
SPA	GHL	3M	OTB	NOV	CC	11	2041	-	-	
				DEC	CC	1	193	-	-	
			PTB	FEB	CC	4	513	-	28	
				MAR	CC	7	916	-	53	
			3N	OTB	FEB	CC	8	1258	-	-
					MAR	CC	5	1104	-	-
					APR	CC	1	206	-	-
					MAY	CC	1	203	-	-
					MAY	RC	81	9163	-	744
					JUN	CC	1	129	-	-
					JUL	CC	3	577	-	1740
					AUG	CC	12	2629	-	-
					SEP	CC	9	1841	-	-
					OCT	CC	14	2829	-	-
					NOV	CC	9	1731	-	-
					DEC	CC	14	2577	-	-
			3O	OTB	MAY	CC	1	206	-	-
	JUL	CC			4	394	-	-		
	OCT	CC			1	204	-	62		
	NOV	CC			1	200	-	-		
	DEC	CC			1	227	-	-		
	ANT	3L	OTB	OCT	CC	3	93	-	-	
				NOV	CC	3	216	-	-	
				DEC	CC	1	67	-	-	
		3M	OTB	MAR	CC	5	1087	-	-	
				APR	CC	5	1085	-	-	
				SEP	CC	3	431	-	-	
				NOV	CC	5	632	-	-	
				SEP	CC	1	91	-	-	
				OCT	CC	1	43	-	-	
				DEC	CC	1	56	-	-	
	RNG	3L	OTB	OCT	CC	6	743	-	-	
				DEC	CC	1	76	-	-	
		3M	OTB	FEB	CC	3	328	-	-	
				MAR	CC	2	155	-	-	
				APR	CC	2	166	-	-	
				MAY	CC	1	45	-	-	
				JUN	CC	1	122	-	-	
				SEP	CC	1	84	-	-	
				NOV	CC	1	169	-	-	
				DEC	CC	1	52	-	-	
	RHG	3L	OTB	FEB	CC	1	173	-	-	
				MAR	CC	2	203	-	-	
				JUN	CC	2	292	-	-	
				AUG	CC	1	116	-	-	
				SEP	CC	1	128	-	-	
				OCT	CC	10	1033	-	-	
NOV				CC	13	1792	-	-		
DEC				CC	10	1333	-	-		
PTB				FEB	CC	13	225	-	-	
				MAR	CC	8	230	-	43	
3M		OTB	FEB	CC	7	1199	-	-		
			MAR	CC	16	2802	-	-		
			APR	CC	8	1652	-	-		
			MAY	CC	7	1144	-	-		
			JUN	CC	3	503	-	-		
			JUL	RC	50	587	-	618		
			AUG	CC	6	846	-	-		
SEP	CC	5	871	-	-					

TABLE 2. (Continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples			
	Code	Div.	Gear			No.	No. meas.	No.	No. aged		
SPA	RHG	3M	OTB	OCT	CC	4	662	-	-		
				NOV	CC	17	2721	-	-		
				DEC	CC	2	370	-	-		
		PTB	FEB	CC	4	122	-	33			
			MAR	CC	7	334	-	61			
			FEB	CC	5	710	-	-			
		3N	OTB	MAR	CC	7	1274	-	-		
				MAY	CC	1	75	-	-		
				MAY	RC	57	4928	-	416		
				AUG	CC	6	1167	-	-		
				SEP	CC	10	1601	-	1099		
				OCT	CC	14	2077	-	-		
				NOV	CC	2	186	-	-		
				DEC	CC	7	1159	-	-		
				OCT	CC	1	51	-	-		
	CAA			3M	OTB	JUL	RC	84	1197	-	-
						JUL	RC	68	289	-	-
		MAR	CC			2	328	-	-		
	CAS	3M	OTB	MAY	CC	1	251	-	-		
				AUG	CC	2	263	-	-		
	CFB	3M	OTB	DEC	CC	1	51	-	-		
				MAY	CC	1	55	-	-		
				JUN	CC	1	48	-	-		
	RJR	3M	OTB	FEB	CC	2	328	-	-		
				MAY	RC	83	4826	-	-		
				AUG	CC	19	2878	-	-		
				SEP	CC	19	3217	-	-		
				OCT	CC	3	446	-	-		
		3N	OTB	NOV	CC	25	3798	-	-		
				DEC	CC	1	99	-	-		
				JUL	RC	99	13845	-	-		
				APR	CC	1	104	-	-		
				MAY	CC	1	210	-	-		
	PRA	3L	OTB	AUG	CC	2	150	-	-		
				SEP	CC	1	53	-	-		
				OCT	CC	2	194	-	-		
				NOV	CC	5	542	-	-		
				DEC	CC	9	952	-	-		
				3M	OTB	MAR	CC	2	321	-	-
						APR	CC	1	77	-	-
						JUL	RC	66	2221	-	-
						AUG	CC	3	369	-	-
SEP						CC	1	146	-	-	
3N				OTB	NOV	CC	3	330	-	-	
					FEB	CC	2	445	-	-	
					MAY	CC	1	157	-	-	
					SEP	CC	6	698	-	-	
					OCT	CC	9	673	-	-	
3O	OTB	NOV	CC	4	397	-	-				
		DEC	CC	3	293	-	-				
		MAY	CC	1	50	-	-				
		OCT	CC	1	155	-	-				
		NOV	CC	1	100	-	-				
NZB	3L	OTB									