



SCIENTIFIC COUNCIL MEETING - JUNE 2002

List of Biological Sampling Data for 2001

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 2001 submitted by Contracting Parties and received at the Secretariat to 24 May 2002. 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 2000 reported to the Secretariat prior to the June 2001 Meeting of the Scientific Council was compiled in SCS Doc. 01/12, Serial No. N4376.
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 for 2001.

Country [Code]	Species [3 Alpha Code]	Division
Canada (Central & Arctic) [CAN-CA]	Greenland halibut [GHL]	0A,0B
Canada (Mar & Que) [CAN-M&Q]*	Cod [COD] Redfish [RED] Greenland halibut [GHL]	3O,3PS 3PS,4R,4VN,4VS,4W 3K,3PS
Canada (Newfoundland) [CAN-N]	Cod [COD] Redfish [RED] Pollock [POK] American plaice [PLA] Witch flounder [WIT] Yellowtail flounder [YEL] Greenland halibut [GHL] Winter flounder [FLW] Lumpfish [LUM] White hake [HKW]	3K,3L,3N,3NO,3O,3Ps 3O,3Ps,4Vs 3Ps 3K,3L,3N,3NO,3O,3Ps 2J,3K,3L,3Ps 3N,3O 2J,3K,3KL,3L,3PS 3L,3PS 3PS 3Ps
Canada (Quebec) [CAN-Q]	Cod [COD] Redfish [RED] Greenland halibut [GHL] Atlantic halibut [HAL] Atlantic herring [HER] Atlantic mackerel [MAC] Capelin [CAP] Surf clam [CLB] Clams (NS) [CLX] Sea Scallop [SCA] Whelks [WHX] Atlantic rock crab [CRK] Queen crab [CRQ] American lobster [LBA] Northern deepwater prawn [PRA] Pink (pandalid) shrimps [PAN] Sea urchins [URC]	3PN,4R,4S 4R,4S,4T,4VN 4R,4S,4T 4R,4S,4T 4R,4S 4R,4S,4VN,4W,4X 4R 4S,4T 4S,4T 4S,4T 4S,4T 4S,4T 4S,4T 4S,4T 4R,4S,4T 4R 4T
Portugal [PRT]	Cod [COD] Red hake [HKR] Redfish, golden [REG] Redfish, beaked [REB] American plaice [PLA] Witch flounder [WIT] Yellowtail flounder [YEL] Greenland halibut [GHL] Atlantic halibut [HAL] Roughhead grenadier [RHG]	3L,3M,3N,3O 3N,3O 3M,3N,3O 3L,3M,3N,3O 3L,3M,3N,3O 3L,3M,3N,3O 3N,3O 3L,3M,3N,3O 3O 3L,3M,3N
Spain [SPA]	Cod [COD] Haddock [HAD] Redfish [RED] Red hake [HKR] Redfish, golden [REG] Redfish, beaked [REB] American plaice [PLA] Witch flounder [WIT] Yellowtail flounder [YEL]	3N,3O 3M,3O 3L,3M,3N,3O 3L,3M 3M 1F,2J,3M 3L,3M,3N,3O 3L,3M,3N,3O 3N

* Data from Canada Newfoundland

TABLE 1. (continued).

Country [Code]	Species [3 Alpha Code]	Division
SPA	Greenland halibut [GHL]	3L,3M,3N,3O
	Atlantic halibut [HAL]	3M
	Blue antimora [ANT]	3L,3M,3N,3O
	Eelpouts [ELZ]	3L,3M,3N
	Roundnose grenadier [RNG]	3L,3M
	Roughhead grenadier [RHG]	3L,3M,3N
	Wolffishes [CAT]	3L,3M,3N
	Atlantic wolffish [CAA]	3M
	Spotted wolffish [CAS]	3M
	Black dogfish [CFB]	3L,3M,3N
	Thorny skate [RJR]	3M
	Bairds slickhead [ALC]	3L
	Skates (NS) [SKA]	3L,3M,3N
	Pink (pandalid) shrimps [PAN]	3M
	Nezumia [NZB]	3L,3N

TABLE 2. List of Sampling Data reported for 2001.

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-CA	GHL	0A	OTB	SEP	EC	78	17919	36	1646
				OCT	EC	144	33654	37	1705
				NOV	EC	59	12491	13	804
		0B	LL	MAR	EL	7	900	1	50
				APR	EL	7	900	1	50
CAN-MQ*	COD	3O	OTB	APR	CL	1	200	-	23
				JUN	CL	1	132	-	65
	RED	3PS	OTB	MAR	CL	1	200	-	39
		3PS	OTB	FEB	CL	1	86/114	-	-
				MAR	CL	2	216/184	-	-
				APR	CL	3	246/306	-	12/14
				JUL	CL	1	57/69	-	-
				SEP	CL	1	124/78	-	-
				JUL	CL	2	161/172	-	13/11
				JAN	CL	1	104/96	-	12/18
				FEB	CL	3	274/327	-	-
				MAR	CL	2	205/205	-	-
				AUG	CL	2	197/163	-	-
				SEP	CL	1	78/122	-	-
		4W	OTB	JAN	CL	1	107/93	-	-
	GHL	3K	OTB	APR	CL	1	132/102	-	18/21
		3PS	OTB	APR	CL	1	111/75	-	-
CAN-N	COD	3K	GN	JUL	CL	13	447	-	-
				AUG	CL	17	787	-	175
				NOV	CL	19	766	-	143
			LHP	AUG	CL	10	638	-	71
				OCT	CL	1	82	-	15
				MAY	CL	1	94	-	-
		3L	OTB	JUL	CL	16	1083	-	146
				AUG	CL	38	3381	-	599
				NOV	CL	8	480	-	179
			LHP	JUL	CL	4	421	-	148
				AUG	CL	1	56	-	43
				MAY	CL	1	33	-	21
		3N	OTB	SEP	CL	2	531	-	83
				OCT	CL	2	475	-	-
				NOV	CL	1	315	-	-
			OTB	MAY	CL	1	68	-	44
				SEP	CL	1	368	-	47
				OCT	CL	3	762	-	49
		3O	OTB	NOV	CL	2	504	-	45
				JUN	CL	2	339	-	152
				SEP	CL	2	356	-	134
				OCT	CL	11	2498	-	185
				NOV	CL	1	97	-	-
		3PS	OTB	JAN	CL	4	1258	-	160
				FEB	CL	10	3177	-	332
				MAR	CL	3	703	-	57
				OCT	CL	1	206	-	42
				NOV	CL	3	637	-	107
			GN	JAN	CL	15	3249	-	350
				MAR	CL	1	336	-	49
				JUN	CL	26	1069	-	233
				JUL	CL	24	1975	-	354

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-N	COD	3PS	GN	AUG	CL	14	1394	-	464
				SEP	CL	2	438	-	85
				OCT	CL	2	98	-	38
				NOV	CL	11	1384	-	232
			LL	MAR	CL	1	201	-	54
				JUN	CL	9	857	-	189
				JUL	CL	6	862	-	128
				AUG	CL	10	1855	-	321
				SEP	CL	1	147	-	29
				OCT	CL	9	3050	-	343
				NOV	CL	9	1923	-	221
			LHP	JAN	CL	1	101	-	26
				JUN	CL	5	398	-	114
				JUL	CL	11	1611	-	166
				AUG	CL	1	42	-	-
			LL	AUG	CL	2	182	-	-
				NOV	CL	9	1842	-	316
			SN	DEC	CL	5	1237	-	281
				JUL	CL	1	151/148	-	21/26
	RED	3PS	OTB	JAN	CL	14	2278/2296	-	100/88
				FEB	CL	2	283/326	-	-
			GN	JUL	CL	3	330/440	-	30/38
				AUG	CL	1	156/127	-	-
		4VS	OTB	JAN	CL	10	1357/1745	-	32/38
				FEB	CL	2	19	-	-
				FEB	CL	10	1782/1888	-	57/55
				AUG	CL	2	449	-	56
				APR	CL	1	6/298	-	6/36
				MAY	CL	4	39/1163	-	29/136
		3L	OTB	JAN	CL	1	7/226	-	7/34
				MAR	CL	1	10/296	-	-
				APR	CL	2	19/614	-	8/37
				MAY	CL	1	13/287	-	8/19
				FEB	CL	3	227/763	-	40/75
				APR	CL	7	691/1790	-	-
		3N	OTB	MAY	CL	9	759/1960	-	-
				SEP	CL	1	77/229	-	-
				OCT	CL	5	281/1232	-	12/19
				NOV	CL	4	261/950	-	-
				DEC	CL	1	35/266	-	-
				OCT	CL	2	116/489	-	-
		3NO	OTB	SEP	CL	2	165/490	-	-
				OCT	CL	4	270/949	-	-
		3O	OTB	JAN	CL	6	408/1465	-	53/100
				FEB	CL	2	110/566	-	35/78
				MAR	CL	2	77/528	-	-
	WIT	2J	OTB	NOV	CL	1	36/180	-	-
				APR	CL	2	289/314	-	64/86
		3K	OTB	MAY	CL	5	560/955	-	100/127
				JAN	CL	1	154/165	-	19/24
		3L	OTB	APR	CL	1	222/142	-	19/20
				MAY	CL	1	139/163	-	17/24
		3PS	OTB	JAN	CL	6	894/927	-	57/72
				FEB	CL	3	426/482	-	50/72
				MAR	CL	3	418/504	-	-
				MAY	CL	4	388/667	-	58/79

TABLE 2. (continued).

	Species	NAFO			Type of	Length samples		Age samples			
Country	Code	Div.	Gear	Month	sample	No.	No. meas.	No.	No. aged		
CAN-N	YEL	3N	OTB	FEB	CL	11	867/2517	-	-		
				APR	CL	22	1798/5316	-	-		
				MAY	CL	12	1483/3084	-	-		
				SEP	CL	3	258/653	-	-		
				OCT	CL	21	1571/4672	-	12/19		
				NOV	CL	34	2395/7959	-	-		
		DEC	CL	7	519/1633	-	-				
		3O	OTB	MAY	CL	1	95/208	-	-		
				SEP	CL	2	189/420	-	-		
				OCT	CL	19	1934/3835	-	13/17		
				NOV	CL	2	164/454	-	-		
				DEC	CL	1	58/246	-	-		
	GHL			2J	OTB	JAN	CL	2	309/312	-	55/70
		NOV	CL			1	136/166	-	-		
		GN	AUG		CL	2	62/521	-	29/69		
			3K		OTB	MAR	CL	1	191/105	-	-
		APR		CL		3	476/430	-	36/53		
		GN		MAY	CL	1	170/135	-	41/35		
				MAY	CL	1	20/204	-	13/49		
		JUN	CL	1	156/148	-	18/25				
			JUL	CL	4	463/770	-	44/78			
			AUG	CL	3	468/460	-	41/47			
			3KL	OTB	MAR	CL	2	355/245	-	61/72	
		APR			CL	4	663/565	-	50/66		
	MAY	CL			8	1326/1087	-	136/160			
	JUN	CL			1	169/135	-	23/20			
	3L	OT	OCT	CL	1	185/115	-	-			
			JAN	CL	1	167/140	-	14/21			
			FEB	CL	2	403/295	-	47/63			
			APR	CL	1	137/163	-	18/20			
		GN	MAY	CL	1	169/132	-	21/25			
			JUN	CL	1	167/135	-	19/21			
			JUL	CL	2	217/445	-	34/53			
			AUG	CL	3	392/549	-	44/73			
		3PS	OT	JAN	CL	4	940/290	-	81/71		
				FEB	CL	1	167/99	-	-		
			3L	GN	AUG	CL	1	63/256	-	10/17	
					JUN	CL	3	253/290	-	10/13	
	LUM	3PS	GN	MAY	CL	3	14/548	-	-		
				JUL	CL	1	97	-	-		
HKW	3PS	GN	AUG	CL	1	250	-	31			
			LL	AUG	CL	2	194	-	-		
CAN-Q	COD	3PN	LL	MAY	CC	-	412	-	79		
				SEP	CC	-	150	-	-		
				4R	TXS	APR	CC	-	25	-	-
						MAY	CC	-	220	-	9
		JUN	CC			-	20	-	6		
		JUL	CC			-	28	-	8		
		SDN	AUG	CC	-	182	-	41			
			SEP	CC	-	104	-	36			
			GN	JUN	CC	-	592	-	120		
				JUL	CC	-	119	-	38		
		AUG		CC	-	393	-	94			
		SEP		CC	-	600	-	120			
		LL	MAY	CC	-	529	-	80			
			JUN	CC	-	257	-	44			
			JUL	CC	-	2674	-	194			

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-Q	COD	4R	LL	AUG	CC	-	500	-	76
				SEP	CC	-	8629	-	92
				OCT	CC	-	1964	-	174
				NOV	CC	-	1052	-	77
		4S	OTB	JUL	CC	-	417	-	125
				SEP	CC	-	22	-	22
				OCT	CC	-	128	-	98
			TXS	APR	CC	-	269	-	39
				MAY	CC	-	16	-	7
				SEP	CC	-	4	-	4
			GN	JUL	CC	-	656	-	94
				AUG	CC	-	261	-	30
			LL	MAY	CC	-	63	-	20
				JUN	CC	-	248	-	48
				JUL	CC	-	62	-	2
				AUG	CC	-	134	-	17
				SEP	CC	-	262	-	21
	RED	4R	OTB	JUN	CC	-	1132	-	25
				JUL	CC	-	1302	-	43
				JUN	CC	-	374	-	-
			TXS	OCT	CC	-	252	-	-
		4S	OTB	JUL	CC	-	3325	-	-
				SEP	CC	-	111	-	-
				OCT	CC	-	625	-	-
			TXS	APR	CC	-	87	-	-
				JUL	CC	-	173	-	-
				AUG	CC	-	445	-	-
			GN	SEP	CC	-	269	-	-
				AUG	CC	-	14	-	-
		4T	LL	JUL	CC	-	18	-	7
				MAY	CC	-	187	-	-
			OTB	JUN	CC	-	2568	-	26
				JUL	CC	-	12487	-	83
				OCT	CC	-	277	-	-
	GHL	4VN	OTB	JUL	CC	-	241	-	-
				APR	CC	-	60	-	-
		4R	TXS	MAY	CC	-	45	-	-
				JUN	CC	-	22	-	-
				JUL	CC	-	60	-	-
				SEP	CC	-	68	-	-
				OCT	CC	-	39	-	16
		4S	GN	JUN	CC	-	1230	-	119
				MAY	CC	-	1157	-	-
				JUL	CC	-	2713	-	-
				SEP	CC	-	492	-	-
				OCT	CC	-	1902	-	-
			TXS	APR	CC	-	353	-	20
				MAY	CC	-	328	-	4
				JUN	CC	-	3	-	-
				JUL	CC	-	873	-	47
				AUG	CC	-	853	-	25
				SEP	CC	-	842	-	13
				OCT	CC	-	228	-	10
				NOV	CC	-	248	-	-
			GN	JUN	CC	-	464	-	39
				JUL	CC	-	1029	-	126
				AUG	CC	-	515	-	4
				SEP	CC	-	99	-	10

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-Q	GHL	4S	LL	MAY	CC	-	261	-	45
				JUN	CC	-	254	-	37
				JUL	CC	-	276	-	40
		4T	OTB	MAY	CC	-	506	-	-
				JUN	CC	-	371	-	64
				JUL	CC	-	1129	-	23
				OCT	CC	-	3466	-	-
			TXS	MAY	CC	-	7	-	-
				AUG	CC	-	148	-	4
				SEP	CC	-	1044	-	39
				OCT	CC	-	276	-	-
				NOV	CC	-	218	-	-
			SSC GN	SEP	CC	-	5	-	-
				APR	CC	-	153	-	9
				MAY	CC	-	1620	-	129
				JUN	CC	-	3452	-	187
				JUL	CC	-	4129	-	363
				AUG	CC	-	3115	-	306
				SEP	CC	-	723	-	29
	HAL	4R	LL	MAY	CC	-	47	-	47
				JUN	CC	-	12	-	12
		4S	TXS LL	SEP	CC	-	2	-	2
				MAY	CC	-	56	-	52
		4T		JUN	CC	-	61	-	50
				JUL	CC	-	90	-	22
				AUG	CC	-	40	-	-
				SEP	CC	-	11	-	-
			OTB	MAY	CC	-	6	-	6
				JUL	CC	-	3	-	1
				AUG	CC	-	3	-	2
			SSC	JUL	CC	-	1	-	1
				SEP	CC	-	50	-	-
				OCT	CC	-	1	-	-
			SDN	JUL	CC	-	1	-	-
				AUG	CC	-	8	-	2
				SEP	CC	-	15	-	2
			GN	JUL	CC	-	2	-	-
				AUG	CC	-	4	-	-
			LL	MAY	CC	-	14	-	14
				JUN	CC	-	70	-	68
				JUL	CC	-	47	-	31
				AUG	CC	-	280	-	89
				SEP	CC	-	189	-	71
				OCT	CC	-	18	-	10
	HER	4R	PS	JUN	CC	-	495	-	100
				JUL	CC	-	1555	-	300
				AUG	CC	-	1771	-	350
				SEP	CC	-	1026	-	200
				OCT	CC	-	1540	-	299
				NOV	CC	-	1790	-	350
			GN	APR	CC	-	-	-	50
				MAY	CC	-	-	-	582
				JUN	CC	-	264	-	213
				JUL	CC	-	1527	-	300
				NOV	CC	-	-	-	100
		4S	GN	APR	CC	-	253	-	50
				MAY	CC	-	1010	-	200

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-Q	HER	4S	GN	JUN	CC	-	260	-	50
				JUL	CC	-	529	-	95
				SEP	CC	-	231	-	50
	MAC	4R	PS	AUG	CC	-	1029	-	172
				SEP	CC	-	770	-	104
				OCT	CC	-	1525	-	170
				NOV	CC	-	245	-	21
				JUL	CC	-	-	-	55
				SEP	CC	-	201	-	50
		4S	GN	JUN	CC	-	3424	-	470
				JUL	CC	-	998	-	189
				JUL	CC	-	273	-	32
		4VN	LX	AUG	CC	-	1309	-	215
				SEP	CC	-	1871	-	325
				OCT	CC	-	759	-	100
			LHP	JUL	CC	-	463	-	35
				AUG	CC	-	302	-	-
			LX	JUL	CC	-	441	-	49
				AUG	CC	-	526	-	-
				SEP	CC	-	615	-	99
				OCT	CC	-	168	-	29
		4W	FPN	MAY	CC	-	239	-	43
				JUN	CC	-	736	-	35
				JUL	CC	-	205	-	-
			LX	AUG	CC	-	183	-	34
				SEP	CC	-	226	-	-
				JUL	CC	-	539	-	-
				AUG	CC	-	-	-	48
				SEP	CC	-	222	-	45
				OCT	CC	-	327	-	52
				NOV	CC	-	347	-	64
	CAP	4X	FPN	JUN	CC	-	220	-	-
		4R	PS	JUN	CC	-	478	-	-
		CLB	DHY	AUG	CC	-	796	-	-
				SEP	CC	-	1038	-	-
				OCT	CC	-	1584	-	-
				NOV	CC	-	268	-	-
				DEC	CC	-	328	-	-
				SEP	CC	-	576	-	-
	CLX	4S	CMA	APR	CC	-	659	-	-
				MAY	CC	-	990	-	-
				JUN	CC	-	931	-	-
				JUL	CC	-	436	-	-
				SEP	CC	-	343	-	-
				OCT	CC	-	370	-	-
		4T	CMA	NOV	CC	-	721	-	-
				DEC	CC	-	297	-	-
				APR	CC	-	385	-	-
				MAY	CC	-	521	-	-
				JUN	CC	-	293	-	-
				JUL	CC	-	475	-	-
				AUG	CC	-	332	-	-
				SEP	CC	-	355	-	-
				OCT	CC	-	766	-	-
				NOV	CC	-	358	-	-
	SCA	4S	DRB	MAY	CC	-	2408	-	-
				JUN	CC	-	8333	-	-

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-Q	SCA	4S	DRB	JUL	CC	-	6502	-	-
				AUG	CC	-	11290	-	-
				SEP	CC	-	21429	-	-
				OCT	CC	-	618	-	-
				NOV	CC	-	724	-	-
		4T	DRB	APR	CC	-	3877	-	-
				MAY	CC	-	5384	-	-
				JUN	CC	-	3480	-	-
				JUL	CC	-	3778	-	-
				AUG	CC	-	3683	-	-
				SEP	CC	-	3846	-	-
				OCT	CC	-	1894	-	-
				NOV	CC	-	453	-	-
		4S	FPO	APR	CC	-	101	-	-
				MAY	CC	-	202	-	-
				JUN	CC	-	469	-	-
				JUL	CC	-	694	-	-
				AUG	CC	-	803	-	-
				SEP	CC	-	732	-	-
		4T	FPO	APR	CC	-	449	-	-
				MAY	CC	-	316	-	-
				JUN	CC	-	629	-	-
				JUL	CC	-	517	-	-
				AUG	CC	-	776	-	-
				SEP	CC	-	545	-	-
			TBB	NOV	CC	-	117	-	-
				APR	CC	-	127	-	-
				MAY	CC	-	140	-	-
				AUG	CC	-	114	-	-
	CRK	4S	FPO	SEP	CC	-	250	-	-
				OCT	CC	-	250	-	-
		4T	FPO	JUN	CC	-	250	-	-
				JUL	CC	-	2505	-	-
				AUG	CC	-	9097	-	-
				SEP	CC	-	10463	-	-
	CRQ	4S	FPO	OCT	CC	-	3009	-	-
				APR	CC	-	6301	-	-
				MAY	CC	-	17847	-	-
				JUN	CC	-	15868	-	-
				JUL	CC	-	6860	-	-
				AUG	CC	-	1781	-	-
				SEP	CC	-	21410	-	-
				OCT	CC	-	1395	-	-
		4T	FPO	APR	CC	-	9520	-	-
				MAY	CC	-	10415	-	-
				JUN	CC	-	3038	-	-
				JUL	CC	-	523	-	-
				MAY	CC	-	491	-	-
	LBA	4S	FPO	JUN	CC	-	1223	-	-
				JUL	CC	-	474	-	-
		4T	FPO	APR	CC	-	1699	-	-
				MAY	CC	-	13648	-	-
				JUN	CC	-	11833	-	-
				JUL	CC	-	2093	-	-
	PRA	4R	TXS	MAY	CC	-	3193	-	-
				JUN	CC	-	2092	-	-
				AUG	CC	-	217	-	-

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
CAN-Q	PRA	4R	TXS	SEP	CC	-	201	-	-
				OCT	CC	-	1548	-	-
				NOV	CC	-	215	-	-
		4S	TXS	APR	CC	-	2525	-	-
				MAY	CC	-	2445	-	-
				JUN	CC	-	1723	-	-
				JUL	CC	-	3769	-	-
				AUG	CC	-	3707	-	-
				SEP	CC	-	3415	-	-
				OCT	CC	-	1416	-	-
				NOV	CC	-	1552	-	-
		4T	TXS	APR	CC	-	463	-	-
				MAY	CC	-	1278	-	-
				AUG	CC	-	214	-	-
	PAN URC	4R	TXS	SEP	CC	-	449	-	-
				APR	CC	-	1169	-	-
		4T	CMA	SEP	CC	-	262	-	-
				OCT	CC	-	278	-	-
				NOV	CC	-	555	-	-
				DEC	CC	-	366	-	-
			TBB	APR	CC	-	520	-	-
				AUG	CC	-	532	-	-
				SEP	CC	-	283	-	-
			MIS	OCT	CC	-	260	-	-
				AUG	CC	-	275	-	-
				SEP	CC	-	299	-	-
PRT	COD	3L	OTB	APR	CC	3	468	-	111
		3M	OTB	JUL	CC	1	23	-	23
		3N	OTB	MAY	CC	1	76	-	-
				JUL	CC	4	399	-	149
				AUG	CC	1	101	-	77
				SEP	CC	7	993	-	-
				OCT	CC	1	25	-	-
				NOV	CC	9	418	-	58
				DEC	CC	3	563	-	-
		3O	OTB	MAY	CC	1	91	-	-
				JUL	CC	5	197	-	88
				SEP	CC	6	399	-	-
				OCT	CC	2	157	-	40
				NOV	CC	20	1812	-	65
				DEC	CC	9	1182	-	-
	HKR	3N	OTB	OCT	CC	1	76	-	-
		3O	OTB	OCT	CC	3	192	-	144
				NOV	CC	20	2338	-	103
				DEC	CC	9	1358	-	-
	REG	3M	OTB	AUG	CC	5	769	-	122
				SEP	CC	1	130	-	-
		3N	OTB	MAY	CC	1	446	-	-
				JUL	CC	2	458	-	105
		3O	OTB	JUL	CC	6	968	-	173
				AUG	CC	1	142	-	-
				SEP	CC	5	1362	-	-
				OCT	CC	3	875	-	50
				NOV	CC	16	4090	-	-
				DEC	CC	5	1276	-	-
	REB	3L	OTB	FEB	CC	2	412	-	67
				MAR	CC	5	922	-	68

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
PRT	REB	3L	OTB	APR	CC	13	3695		100
				MAY	CC	3	623		-
				JUL	CC	4	172		113
		3M	OTB	AUG	CC	3	343		27
				FEB	CC	5	1414		142
				MAR	CC	7	1389		135
				APR	CC	15	4537		117
				MAY	CC	10	3533		-
				JUL	CC	2	522		128
				AUG	CC	8	2173		192
				SEP	CC	2	620		100
		3N	OTB	MAY	CC	1	361		-
				JUL	CC	3	728		100
				AUG	CC	1	184		52
				SEP	CC	4	1777		-
				OCT	CC	1	284		-
				NOV	CC	2	822		-
		3O	OTB	MAY	CC	1	398		-
				JUL	CC	6	2178		228
				AUG	CC	1	364		-
				SEP	CC	7	3203		68
				OCT	CC	3	1450		103
				NOV	CC	20	7921		67
				DEC	CC	9	3378		-
	PLA	3L	OTB	FEB	CC	3	456		102
				MAR	CC	15	1779		163
				APR	CC	14	2641		60
		3M	OTB	MAY	CC	6	683		-
				FEB	CC	4	256		34
				MAR	CC	10	1166		94
				APR	CC	15	2170		92
				MAY	CC	10	2003		-
				JUL	CC	2	206		52
				AUG	CC	8	1089		-
				SEP	CC	2	295		-
		3N	OTB	MAR	CC	2	190		53
				MAY	CC	6	1357		-
				JUL	CC	4	918		130
				AUG	CC	1	186		50
				SEP	CC	9	2607		207
				NOV	CC	10	2492		232
				DEC	CC	3	1000		-
		3O	OTB	MAY	CC	1	320		-
				JUL	CC	1	234		-
				SEP	CC	5	918		-
				OCT	CC	1	250		-
				NOV	CC	10	2188		-
				DEC	CC	9	2034		-
	WIT	3L	OTB	FEB	CC	3	343		101
				MAR	CC	10	1192		152
				APR	CC	11	1393		-
		3M	OTB	MAY	CC	7	987		-
				AUG	CC	1	109		-
				FEB	CC	4	343		59
				MAR	CC	10	1354		172
				APR	CC	12	2066		116
				MAY	CC	10	2254		-
				JUL	CC	2	297		-

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
PRT	WIT	3N	OTB	MAR	CC	2	267	-	-
				MAY	CC	6	1120	-	-
				JUL	CC	3	353	41	-
				AUG	CC	1	168	-	-
				SEP	CC	1	208	-	-
		3O	OTB	NOV	CC	3	489	-	-
				JUL	CC	1	154	-	-
				SEP	CC	1	140	-	-
				OCT	CC	1	204	-	-
				NOV	CC	7	1325	-	-
	YEL	3N	OTB	DEC	CC	8	1521	-	-
				MAY	CC	2	941	-	-
				JUL	CC	4	785	60	-
				SEP	CC	8	2278	153	-
				NOV	CC	8	1899	64	-
		3O	OTB	DEC	CC	3	1200	-	-
				MAY	CC	1	221	-	-
				SEP	CC	1	156	-	-
				NOV	CC	1	177	-	-
				DEC	CC	1	229	-	-
	GHL	3L	OTB	FEB	CC	9	2321	279	-
				MAR	CC	20	5270	331	-
				APR	CC	15	5108	101	-
				MAY	CC	8	2964	-	-
				JUL	CC	14	3697	361	-
				AUG	CC	17	4849	344	-
				SEP	CC	7	2061	216	-
		3M	OTB	FEB	CC	6	1618	217	-
				MAR	CC	13	3255	301	-
				APR	CC	15	4978	162	-
				MAY	CC	10	3478	-	-
				JUL	CC	7	1473	288	-
				AUG	CC	8	2201	150	-
				SEP	CC	4	784	54	-
		3N	OTB	MAR	CC	2	482	154	-
				MAY	CC	7	2323	-	-
				JUL	CC	4	701	157	-
				AUG	CC	2	597	-	-
				SEP	CC	1	272	-	-
				NOV	CC	9	2104	50	-
				DEC	CC	1	393	-	-
		3O	OTB	OCT	CC	1	142	-	-
				NOV	CC	1	112	-	-
	HAL	3O	OTB	OCT	CC	1	3	3	-
RHG	RHG	3L	OTB	FEB	CC	8	1314	260	-
				MAR	CC	17	3939	251	-
				APR	CC	11	2964	-	-
				MAY	CC	7	2348	-	-
				JUL	CC	14	2801	267	-
				AUG	CC	17	4839	293	-
				SEP	CC	7	1450	215	-
		3M	OTB	FEB	CC	3	603	208	-
				MAR	CC	13	2734	150	-
				APR	CC	13	3846	-	-
				MAY	CC	8	2657	-	-
				JUL	CC	6	1214	211	-
				AUG	CC	5	1439	60	-
				SEP	CC	2	455	59	-

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
PRT	RHG	3N	OTB	MAR	CC	2	336		123
				MAY	CC	6	2361		-
				JUL	CC	4	782		140
				AUG	CC	2	556		-
				NOV	CC	8	2120		50
				DEC	CC	1	274		-
SPA	COD	3N	OTB	APR	CC	1	223	-	-
				JUN	CC	1	245	-	-
				OCT	CC	2	466	-	-
				NOV	CC	1	64	-	-
		3O	OTB	FEB	CC	1	225	-	-
				APR	CC	2	528	-	-
				JUN	CC	1	220	-	-
				JUL	RC	18	32	-	-
	HAD	3M	OTB	APR	CC	1	240	-	-
		3O	OTB	JAN	CC	2	444	-	-
	RED	3L	OTB	FEB	CC	4	639	-	-
				MAR	CC	6	507	-	-
				APR	CC	5	1000	-	-
				MAY	CC	6	1327	-	-
				JUN	CC	3	585	-	-
				DEC	CC	3	432	-	-
				MAY	CC	1	122	-	-
				FEB	CC	3	471	-	-
				MAR	CC	2	280	-	-
				MAY	CC	3	605	-	-
				JUN	CC	2	398	-	-
				JUL	CC	2	400	-	-
				JUL	RC	95	6273	-	-
				OCT	CC	2	327	-	-
				DEC	CC	3	167	-	-
				MAY	CC	4	423	-	-
		3N	OTB	FEB	CC	1	181	-	-
				APR	CC	4	868	-	-
				MAY	CC	2	458	-	-
				JUN	CC	3	663	-	-
		3O	OTB	APR	CC	1	256	-	-
				JUN	CC	1	173	-	-
	HKR	3L	OTB	FEB	CC	10	1673	-	-
				MAR	CC	11	2041	-	-
				APR	CC	7	1397	-	-
				MAY	CC	5	974	-	-
				JUN	CC	9	1439	-	-
				FEB	CC	2	167	-	-
				MAR	CC	4	426	-	-
				APR	CC	1	173	-	-
	REG	3M	OTB	JUL	RC	95	1696	-	-
	REB	1F	OTB	AUG	CC	3	620	-	-
		2J	OTB	AUG	CC	1	206	-	-
	PLA	3M	OTB	JUL	RC	111	11085	-	-
		3L	OTB	JAN	CC	1	193	-	-
				FEB	CC	1	131	-	-
				MAR	CC	3	402	-	-
				APR	CC	6	1150	-	-
				MAY	CC	4	853	-	-
				DEC	CC	10	1662	-	-
				JUL	RC	59	640	-	-

TABLE 2. (continued).

Country	Species	NAFO		Month	Type of sample	Length samples		Age samples	
	Code	Div.	Gear			No.	No. meas.	No.	No. aged
SPA	PLA	3N	OTB	FEB	CC	3	668	-	-
				APR	CC	4	831	-	-
				MAY	CC	2	416	-	-
				JUN	CC	1	214	-	-
				JUL	CC	1	205	-	-
				AUG	CC	1	194	-	-
				OCT	CC	23	3609	-	-
				NOV	CC	13	1294	-	-
				DEC	CC	2	287	-	-
		3O	OTB	MAY	CC	1	262	-	-
				MAR	CC	1	86	-	-
				MAY	CC	2	403	-	-
				DEC	CC	2	282	-	-
	WIT	3L	OTB	MAY	CC	2	403	-	-
				DEC	CC	2	282	-	-
		3M	OTB	JUL	RC	57	226	-	-
				DEC	CC	1	40	-	-
		3N	OTB	FEB	CC	1	173	-	-
				APR	CC	2	330	-	-
				MAY	CC	3	544	-	-
				OCT	CC	4	464	-	-
		3O	OTB	APR	CC	1	192	-	-
				MAY	CC	1	229	-	-
				JUL	CC	1	198	-	-
				OCT	CC	8	1039	-	-
	YEL	3N	OTB	NOV	CC	10	1257	-	-
				DEC	CC	1	150	-	-
		3L	OTB	JAN	CC	23	4514	-	-
				FEB	CC	15	2666	-	-
				MAR	CC	19	4126	-	-
				APR	CC	12	2526	-	-
				MAY	CC	14	3034	-	-
				JUN	CC	24	5080	-	-
				JUL	CC	7	1407	-	-
				AUG	CC	2	401	-	-
				OCT	CC	6	693	-	-
				NOV	CC	19	2522	-	-
				DEC	CC	20	3724	-	-
		3M	PTB	MAY	CC	11	1432	-	-
				JAN	CC	1	212	-	-
				FEB	CC	2	480	-	-
				MAR	CC	4	842	-	-
				APR	CC	3	607	-	-
				MAY	CC	6	1225	-	-
				JUL	CC	1	200	-	-
				JUL	RC	121	3642	-	-
				AUG	CC	1	199	-	-
				SEP	CC	2	296	-	-
	GHL	3L	OTB	OCT	CC	22	3870	-	-
				DEC	CC	16	3031	-	-
		3M	PTB	MAY	CC	18	2237	-	-
				JUN	CC	1	150	-	-
		3N	OTB	FEB	CC	3	641	-	-
				APR	CC	4	874	-	-
				MAY	CC	12	2349	-	-
				JUN	CC	10	1972	-	-
				JUL	CC	1	201	-	-
				OCT	CC	17	2342	-	-
				NOV	CC	4	464	-	-
				DEC	CC	1	204	-	-

TABLE 2. (continued).

Country	Species	NAFO	Gear	Month	Type of sample	Length samples		Age samples	
	Code	Div.				No.	No. meas.	No.	No. aged
SPA	GHL	3O	OTB	APR	CC	2	431	-	-
				JUN	CC	1	199	-	-
	HAL	3M	OTB	JUL	RC	4	4	-	-
	ANT	3L	OTB	JAN	CC	4	307	-	-
				FEB	CC	2	89	-	-
				MAR	CC	2	341	-	-
				APR	CC	3	263	-	-
				MAY	CC	2	219	-	-
				JUN	CC	2	382	-	-
				AUG	CC	1	46	-	-
				OCT	CC	1	52	-	-
		3M	OTB	JAN	CC	1	24	-	-
				FEB	CC	1	228	-	-
				MAY	CC	1	168	-	-
				NOV	CC	3	195	-	-
				DEC	CC	3	348	-	-
		3N	OTB	FEB	CC	1	128	-	-
				APR	CC	2	426	-	-
				MAY	CC	3	650	-	-
	ELZ	3O	OTB	APR	CC	1	201	-	-
		3L	OTB	MAY	CC	1	191	-	-
				JUN	CC	1	66	-	-
				JUL	CC	3	148	-	-
		3M	OTB	MAY	CC	1	77	-	-
		3N	OTB	MAY	CC	3	490	-	-
				JUN	CC	2	310	-	-
				OCT	CC	2	405	-	-
	RNG	3L	OTB	MAR	CC	2	189	-	-
				APR	CC	2	399	-	-
				JUN	CC	3	409	-	-
				JUL	CC	5	607	-	-
				AUG	CC	1	138	-	-
				NOV	CC	2	365	-	-
		3M	OTB	FEB	CC	1	75	-	-
				MAR	CC	1	17	-	-
				MAY	CC	2	321	-	-
				JUN	CC	1	155	-	-
				JUL	RC	8	54	-	-
				NOV	CC	8	1079	-	-
				DEC	CC	4	56	-	-
	RHG	3L	OTB	JAN	CC	4	630	-	-
				FEB	CC	14	2111	-	-
				MAR	CC	18	3725	-	-
				APR	CC	6	1224	-	-
				MAY	CC	14	433	-	-
				JUN	CC	24	5208	-	-
				JUL	CC	11	2159	-	-
				AUG	CC	3	542	-	-
				OCT	CC	3	198	-	-
				NOV	CC	13	1348	-	-
				DEC	CC	13	1705	-	-
				MAY	CC	2	217	-	-
		3M	PTB	JAN	CC	2	270	-	-
				MAR	CC	5	1067	-	-
				APR	CC	6	1226	-	-
				MAY	CC	7	1204	-	-
			OTB	JUN	CC	2	394	-	-

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	JUL	CC	1	161	-	-
				JUL	RC	63	948	-	-
				NOV	CC	16	2283	-	-
				DEC	CC	12	1885	-	-
				MAY	CC	2	206	-	-
		3N	PTB	FEB	CC	3	707	-	-
			OTB	APR	CC	2	439	-	-
				MAY	CC	9	1783	-	-
				JUN	CC	10	1989	-	-
				JUL	CC	1	203	-	-
				OCT	CC	5	430	-	-
				DEC	CC	2	215	-	-
		CAT	OTB	MAR	CC	2	33	-	-
				MAY	CC	1	10	-	-
				NOV	CC	2	7	-	-
		3M	OTB	FEB	CC	1	10	-	-
		3N	OTB	MAY	CC	1	21	-	-
	CAA	3M	OTB	JUL	RC	103	2158	-	-
	CAS	3M	OTB	JUL	RC	75	203	-	-
	CFB	3L	OTB	FEB	CC	2	75	-	-
				MAR	CC	2	97	-	-
				APR	CC	2	185	-	-
				JUN	CC	1	92	-	-
		3M	OTB	MAR	CC	1	51	-	-
				AUG	CC	1	116	-	-
				FEB	CC	2	227	-	-
	RJR	3M	OTB	FEB	CC	2	59	-	-
				NOV	CC	1	8	-	-
				DEC	CC	5	226	-	-
				JUL	CC	1	29	-	-
	ALC SKA	3L	OTB	FEB	CC	1	13	-	-
				MAR	CC	2	2338	-	-
				APR	CC	1	188	-	-
				MAY	CC	1	154	-	-
		3M	OTB	JUL	RC	92	283	-	-
				FEB	CC	3	288	-	-
				APR	CC	3	599	-	-
		3N	OTB	MAY	CC	6	1090	-	-
				JUL	CC	1	203	-	-
				AUG	CC	1	177	-	-
				OCT	CC	17	2611	-	-
				NOV	CC	10	1154	-	-
				DEC	CC	3	415	-	-
				JUL	RC	56	182	-	-
	SQI	3M	OTB	OCT	CC	17	3620	-	-
	PAN	3M	OTB	JAN	CC	2	300	-	-
	NZB	3L	OTB	FEB	CC	3	280	-	-
				MAR	CC	2	315	-	-
				APR	CC	1	150	-	-
				MAY	CC	4	514	-	-
				JUN	CC	2	176	-	-
				JUL	CC	3	268	-	-
				AUG	CC	1	64	-	-

TABLE 2. (continued).

Country	Species	NAFO	Gear	Month	Type of sample	<u>Length samples</u>		<u>Age samples</u>	
	Code	Div.				No.	No. meas.	No.	No. aged
SPA	NZB	3N	OTB	FEB	CC	3	398	-	-
				APR	CC	1	101	-	-
				MAY	CC	1	145	-	-
				JUN	CC	1	167	-	-
				JUL	CC	1	188	-	-
				OCT	CC	4	510	-	-