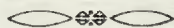


INTERNATIONAL  
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78  
LXXVIII

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## **PREFACE**

This publication, International Whaling Statistics No. LXXVIII, embraces the results of the Antarctic whaling during the season 1975/76.

The statistical data in this publication are based on catch reports sent to the Bureau of International Whaling Statistics, Sandefjord.

Oslo, December 1976.

*Birger Bergersen.*

*Einar Vangstein.*



## INTRODUCTION

In all postwar seasons up to and including 1971/72 the pelagic catches of baleen whales in the Antarctic were limited by quotas which were expressed in blue whale units. One blue whale unit equaled 1 blue whale or 2 fin whales or 2½ humpback whales or 6 sei whales. For 1972/73 and subsequent seasons, quotas have been set for each species. At the 27th meeting of the International Whaling Commission in 1975 the quotas for 1975/76 season for baleen whales were set at:

- 220 fin whales (for waters south of 40° South)
- 2,230 sei and Bryde's whales (for waters in the Southern Hemisphere)
- 6,810 minke whales (for waters in the Southern Hemisphere)

These quotas were sub-divided on an area basis. The total catches to be taken in any of the Areas I to VI should not exceed the limits shown below. However, in no circumstances should the sum of the Area catches exceed the total quotas for each species.

	Fin whales	Sei and Bryde's whales combined	Minke whales
Area I 120° W— 60° W .....	220	198	1,200
Area II 60° W— 0 .....	—	567	2,160
Area III 0 — 70° E .....	—	—	2,400
Area IV 70° E —130° E .....	—	671	891
Area V 130° E —170° W .....	—	693	840
Area VI 170° W—120° W .....	—	297	600

The above total quotas and the quotas by Areas for sei/Bryde's and minke whales include the catch to be taken by Brazil and South Africa in 1976. Japan and U.S.S.R. agreed to limit the catch by Antarctic floating factories of those species to:

- 2,226 sei and Bryde's whales
- 6,034 minke whales

The quotas for baleen whales were by agreement between Japan and U.S.S.R. split into national quotas as follows:



	Fin whales	Sei and Bryde's whales	Minke whales
Japan .....	132	1,331	3,017
U.S.S.R. ....	88	895	3,017
Total .....	220	2,226	6,034

For the 1975/76 pelagic season and the 1976 coastal season the quota for sperm whales was set at 5,870 males and 4,870 females.

The set quota for sperm whales was sub-divided on a Division basis. The total catches in any of the Divisions 1 to 9 should not exceed the limits shown below. However, in no circumstances should the sum of the Division catches exceed the total quota.

	Male	Female
Division 3 and 4, 20° E— 90° E .....	1,562	1,368
Division 5 90° E—130° E .....	1,080	756
Division 6 130° E—160° E .....	—	324
Division 7 160° E—170° W .....	495	396
Division 8 170° W—100° W .....	1,512	972
Division 9, 1 and 2, 100° W— 20° E .....	2,024	1,992

The above total quota and quotas by Division for sperm whales include sperm whales to be caught in 1976 by South Africa, Australia and Brazil.

The set quota for sperm whales was by agreement between Japan, U.S.S.R., Brazil, South Africa and Australia split into national quotas as follows:

	Male	Female	Total
Japan .....	878	665	1,543
U.S.S.R. ....	3,658	2,796	6,454
Brazil (Division 1).....	18	49	67
South Africa (Division 3) .....	658	873	1,531
Australia (Division 5) .....	658	487	1,145
Total .....	5,870	4,870	10,740

Other important regulations governing the pelagic whaling in the Antarctic in the 1975/76 season were the following:

1. The open season for the taking of fin, sei and Bryde's whales comprised the period from December 12th to April 7th, both days inclusive.
2. The open season for the taking of sperm whales was restricted to 8 months.

3. The open season for the taking of minke whales was restricted to 6 months.
4. It was forbidden to take fin whales less than 57 feet, sei and Bryde's whales less than 40 feet and sperm whales less than 30 feet. Further it was forbidden to kill blue whales, humpback whales, right whales, and all female whales accompanied by calf.

In the 1975/76 Antarctic season 3 Japanese and 2 U.S.S.R. expeditions operated with a total of 56 catchers. The catch amounted to:

	Fin whales	Sei/Bryde's whales	Minke whales	Sperm whales
Japan .....	118	1,316	3,017	146
U.S.S.R. ....	88	505	3,017	2,683
<b>Total .....</b>	<b>206</b>	<b>1,821</b>	<b>6,034</b>	<b>2,829</b>

In addition some of the expeditions caught sperm whales in the Southern Hemisphere north of 40° South. The total catch of sperm whales was as follows:

	In Antarctic S. of 40° S.	In the Southern Hemisphere N. of 40° S.	Of which		Total
			Male	Female	
Japan .....	146	446	364	228	592
U.S.S.R. ....	2,683	3,771	3,658	2,796	6,454
<b>Total .....</b>	<b>2,829</b>	<b>4,217</b>	<b>4,022</b>	<b>3,024</b>	<b>7,046</b>

The catch south of 40° South by Areas was:

	Fin whales	Sei/Bryde's whales combined	Minke whales	Sperm whales		Total
				Male	Female	
Area I.....	206	198	1,045	96	—	96
Area II.....	—	513	1,164	572	235	807
Area III.....	—	—	2,154	465	—	465
Area IV.....	—	466	881	353	39	392
Area V.....	—	393	631	367	85	452
Area VI.....	—	250	159	609	8	617
<b>Total .....</b>	<b>206</b>	<b>1,820<sup>1)</sup></b>	<b>6,034</b>	<b>2,462</b>	<b>367</b>	<b>2,829</b>

<sup>1)</sup> Excluding 1 whale lost.

The catch of sperm whales north and south of 40° South by Antarctic pelagic expeditions by Division was:

	Male	Female	Total
Division 1, 60° W— 30° W .....	1,245	989	2,234
Division 2, 30° W— 20° E .....	388	424	812
Division 3, 20° E — 60° E .....	406	—	406
Division 4, 60° E — 90° E .....	417	371	788
Division 5, 90° E —130° E .....	284	73	357
Division 6, 130° E —160° E .....	—	—	—
Division 7, 160° E —170° W .....	455	328	783
Division 8, 170° W—100° W .....	731	839	1,570
Division 9, 100° W— 60° W .....	96	—	96
	4,022	3,024	7,046

Details of the catch of sperm whales in the Southern Hemisphere north of 40° South will be found in publication No. LXXIX.

The distribution of whales caught south of 40° South by 10 degrees latitude (Series) was:

	Fin whales	Sei/Bryde's whales	Minke whales	Sperm whales		
				Male	Female	Total
Series D (40—50° S)...	—	1,013	—	1,223	367	1,590
Series A (50—60° S)...	74	427	58	244	—	244
Series B (60—70° S)...	132	380	5,529	995	—	995
Series C (south of 70° S)	—	—	447	—	—	—
Total .....	206	1,820 <sup>1)</sup>	6,034	2,462	367	2,829

<sup>1)</sup> Excluding 1 whale lost.

The average sizes (in English feet) of the different species and sexes of whales caught in the different Areas were as follows:

	Fin whales			Sei/Bryde's whales			Minke whales			Sperm whales		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Area I.....	64.2	67.6	65.9	47.1	49.3	48.2	26.9	27.8	27.3	47.5	—	47.5
Area II.....	—	—	—	47.3	49.4	48.3	27.1	28.4	28.0	46.0	34.9	42.8
Area III.....	—	—	—	—	—	—	27.2	28.5	28.0	46.4	—	46.4
Area IV.....	—	—	—	47.3	48.1	47.6	27.3	28.4	27.9	48.0	34.8	46.7
Area V.....	—	—	—	46.8	47.3	47.0	27.5	28.4	28.0	46.7	35.2	44.6
Area VI.....	—	—	—	47.7	48.2	47.9	26.9	27.1	26.9	45.9	33.4	45.7
Total .....	64.2	67.6	65.9	47.2	48.5	47.8	27.2	28.3	27.8	46.5	35.0	45.0

Table a shows the catch and production, table b and c catch by month, table d average size, table e whaling results for the various countries and table f the production of by-products. The tables also include data for 1971/72—1974/75 inclusive. Corresponding data for the seasons 1961/62—1970/71 will be found in publication No. LXVIII.

**Table a. - Pelagic whaling in the Antarctic.**

Years	Species of whales caught								Oil production Barrels	Expeditions	
	Blue	Fin	Hump- back	Sei/ Bryde's	Minke	Sperm	Others	Total		Floating factories	Catch- ers
1971/72	—	2,683	3	5,456	3,021	3,366		14,529	387,064	7	89 <sup>1)</sup>
1972/73	7	1,761	5	3,864	5,745	4,203		15,585	345,539	7	82
1973/74	—	1,288	—	4,392	7,713	4,927		18,320	334,065	8	78
1974/75	—	979	—	3,859	7,000	4,162		16,000	292,504	7	75
1975/76	—	206	—	1,821	6,034	2,829		10,890	180,076	5	56

<sup>1)</sup> Including 1 combined floating factory/catcher.

**Table b. - Antarctic, pelagic whaling, Catch by months in absolute figures**

Species of whales, and seasons		Nov.	Dec.	Jan.	Feb.	March	April	Total	Total including lost whales
Total animals	1971/72	321	4,093	4,828	2,982	2,021	267	14,512	14,526
	1972/73	846	5,737	4,508	2,342	1,650	486	15,569	15,573
	1973/74	2,579	4,748	4,695	3,146	2,327	818	18,313	18,320
	1974/75	1,607	3,920	4,301	2,846	2,082	1,243	15,999	16,000
	1975/76	1,318	3,007	2,398	2,482	1,409	274	10,888	10,890
Fin whales	1971/72	—	153	604	1,061	861	4	2,683	2,683
	1972/73	—	89	225	1,148	299	—	1,761	1,761
	1973/74	—	172	329	601	174	11	1,287	1,288
	1974/75	—	3	206	367	356	47	979	979
	1975/76	—	15	56	91	44	—	206	206
Sei/Bryde's whales	1971/72	—	2,348	2,098	540	441	28	5,455	5,456
	1972/73	—	1,347	1,681	488	346	1	3,863	3,864
	1973/74	—	1,294	1,518	1,408	159	7	4,386	4,392
	1974/75	—	1,041	1,882	727	186	23	3,859	3,859
	1975/76	—	458	769	438	151	3	1,819	1,821
Minke whales	1971/72	105	1,195	1,031	675	13	—	3,019	3,021
	1972/73	604	3,453	1,687	—	—	—	5,744	5,745
	1973/74	2,501	2,656	1,539	900	117	—	7,713	7,713
	1974/75	1,571	2,410	1,522	1,496	—	—	6,999	7,000
	1975/76	1,263	2,098	1,018	1,655	—	—	6,034	6,034
Sperm whales	1971/72	216	397	1,095	706	706	235	3,355	3,366
	1972/73	242	848	915	706	1,005	485	4,201	4,203
	1973/74	78	626	1,309	237	1,877	<sup>1)</sup> 800	4,927	4,927
	1974/75	36	466	691	256	1,540	<sup>2)</sup> 1,173	4,162	4,162
	1975/76	55	436	555	298	1,214	271	2,829	2,829

<sup>1)</sup> Including 48 in May. <sup>2)</sup> Including 201 in May.

**Table c. - Antarctic, pelagic whaling. Catch by months in percentage figures.**

Species of whales. Seasons		Nov.	Dec.	Jan.	Feb.	March	April	Total	Total including lost whales
Total animals	1971/72	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.....	.	.	.	.	.	.	.	.
Fin Whales	1971/72	—	3,7	12,5	35,6	42,6	1,5	18,5	18,5
	1972/73	—	1,5	5,0	49,0	18,1	—	11,3	11,3
	1973/74	—	3,6	7,0	19,1	7,5	1,3	7,0	7,0
	1974/75	—	—	4,8	12,9	17,1	3,8	6,1	6,1
	1975/76	—	0,5	2,3	3,7	3,1	—	1,9	1,9
Sei/Bryde's whales	1971/72	—	57,4	43,5	18,1	21,8	10,5	37,6	37,6
	1972/73	—	23,5	37,3	20,8	21,0	0,2	24,8	24,8
	1973/74	—	27,3	32,3	44,8	6,8	0,9	24,0	24,0
	1974/75	—	26,6	43,7	25,5	8,9	1,8	24,1	24,1
	1975/76	—	15,2	32,1	17,6	10,7	1,1	16,7	16,7
Minke whales	1971/72	32,7	29,2	21,4	22,6	0,7	—	20,8	20,8
	1972/73	71,4	60,2	37,4	—	—	—	36,9	36,9
	1973/74	97,0	55,9	32,8	28,6	5,0	—	42,1	42,1
	1974/75	97,8	61,5	35,4	52,6	—	—	43,8	43,8
	1975/76	95,8	69,8	42,5	66,7	—	—	55,4	55,4
Sperm whales	1971/72	67,3	9,7	22,6	23,7	34,9	88,0	23,1	23,1
	1972/73	28,6	14,8	20,3	30,2	60,9	99,8	27,0	27,0
	1973/74	3,0	13,2	27,9	7,5	80,7	97,8	26,9	26,9
	1974/75	2,2	11,9	16,1	9,0	74,0	94,4	26,0	26,0
	1975/76	4,2	14,5	23,1	12,0	86,2	98,9	26,0	26,0

**Table d. - Average size of whales killed in the Antarctic, by species of whales.**

	Fin whales			Sei whales			Minke whales			Sperm whales		
	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet
1971/72	64,3	67,0	65,7	46,4	47,9	47,1	27,3	28,5	28,0	45,0	37,5	44,7
1972/73	64,7	67,7	66,2	46,9	48,2	47,5	26,3	27,1	26,7	45,1	34,8	44,3
1973/74	63,9	66,8	65,5	47,1	48,8	47,9	26,5	27,8	27,3	44,7	34,7	42,2
1974/75	64,5	67,4	66,0	47,3	48,5	47,8	26,9	28,3	27,8	44,9	34,5	42,8
1975/76	64,2	67,6	65,9	47,2	48,5	47,8	27,2	28,3	27,8	46,5	35,0	45,0

**Table e. - Antarctic, pelagic whaling results for the various countries.**

	All countries			Japan			Norway			U.S.S.R.		
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed
		Barrels			Barrels			Barrels			Barrels	
1971/72 ..	14,529	387,064	89	8,711	159,610	41	3	36	1 <sup>1)</sup>	5,815	227,418	47
1972/73 ..	15,585	345,539	82	6,285	119,307	35	—	—	—	9,300	226,232	47
1973/74 ..	18,320	334,065	78	7,087	84,998	31	—	—	—	11,233	249,067	47
1974/75 ..	16,000	292,504	75	6,656	89,542	30	—	—	—	9,344	202,957	45
1975/76 ..	10,890	180,076	56	4,597	43,588	23	—	—	—	6,293	136,488	33

<sup>1)</sup> Combined catcher/floating factory.

**Table f. - Production of by-products in the Antarctic.**

Seasons Countries	Whale meat-meal, bone-meal, grax meal, guano	Whale liver or liver flakes	Liver oil Mill. units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons		L. tons	L. tons	L. tons
1971/72 .....	13,397	1,791	1,253,000	104,438	1,574	1,211
1972/73 .....	13,423	1,516	1,915,000	87,384	1,624	12,216
1973/74 .....	14,659	1,694	2,092,000	93,338	1,723	3,412
1974/75 .....	14,210	1,700	2,063,000	95,863	1,151	301
1975/76						
Japan .....	179			31,090		35
U.S.S.R. ....	7,803	1,737		35,218		120
Total .....	7,982	1,737		66,308		155

## TABLES

## Antarctic season 1975/76.

Table 1. - Whaling results for the various countries in the Antarctic in the season 1975/76.

## Pelagic whaling.

Countries	Species of whales caught					Oil production. Barrels of 170 kg	Expeditions	
	Fin	Sei/Bryde's	Minke	Sperm	Total		Floating factories	Catchers
Japan .....	118	1,316	3,017	146	4,597	43,588	3	23
U.S.S.R. ....	88	505	3,017	2,683	6,293	136,488	2	33
Total .....	206	1,821	6,034	2,829 <sup>1)</sup>	10,890	180,076	5	56

<sup>1)</sup> In addition 16 killer whales and 1 bottlenose were caught.

Table 2. — Average size of whales caught in the Antarctic in the season 1975/76.

## Pelagic whaling.

Number of whales measured.	Expedition.	Average size.			
		Males.	Females.	Total.	
<b>Fin whales.</b>					
Males 102	No. 1	Engl. feet	Engl. feet	Engl. feet	
Females 104} Total 206		64.0	66.9	65.5	
		2	64.2	63.4	63.9
		3	64.4	69.6	66.9
Average		64.2	67.6	65.9	
<b>Sei whales.</b>					
Males 990	No. 1	47.1	47.7	47.4	
Females 829} Total 1,819		2	46.5	48.4	47.4
		3	47.6	48.2	47.8
		4	47.9	50.2	49.1
		5	47.4	48.3	47.8
Average			47.2	48.5	47.8

Table 2 (continued)

Number of whales measured.	Expedition.	Average size.		
		Males.	Females.	Total.
<b>Minke whales.</b> Males 2,574 } Females 3,460 } Total 6,034	No. 1	Engl. feet 26.7	Engl. feet 27.8	Engl. feet 27.3
	2	26.1	27.2	26.7
	3	27.2	27.9	27.5
	4	28.0	28.8	28.6
	5	27.7	29.0	28.5
	Average		27.2	28.3
<b>Sperm whales.</b> Males 2,462 } Females 367 } Total 2,829	No. 1	48.8		48.8
	2	48.2		48.2
	3	44.0	35.8	42.6
	4	46.2	34.9	44.0
	5	46.7	34.9	45.8
	Average		46.5	35.0

Table 3.—Whales caught in the Antarctic in the season 1975/76, by species, sex and size.

## Pelagic whaling.

## Fin whales.

Engl. feet	Number of		Total	Engl. feet	Number of		Total
	males	females			males	females	
53	—	2	2	72	1	12	13
57	5	2	7	73	—	9	9
58	3	2	5	74	—	1	1
59	6	5	11	75	—	4	4
60	2	7	9	76	—	4	4
61	3	1	4	77	—	1	1
62	10	3	13				
63	12	2	14	Total	102	104	206
64	13	2	15				
65	5	5	10				
66	16	8	24				
67	8	7	15	Average size: {	Males 64.2 feet		
68	11	6	17		Females 67.6 "		
69	5	5	10		Total 65.9 "		
70	2	8	10	Per cent: {	Males 49.5		
71	—	8	8		Females 50.5		



Table 3 (continued).

## Sei whales.

Engl. feet	Number of		Total	Engl. feet	Number of		Total
	males	females			males	females	
35	1	1	2	51	43	125	168
36	-	1	1	52	24	107	131
37	-	1	1	53	-	40	40
38	2	2	4	54	-	19	19
39	2	2	4	55	-	10	10
40	15	19	34	56	-	2	2
41	15	27	42	Total	990	829	1,819
42	25	29	54				
43	41	27	68	Average size: { Males 47.2 feet Females 48.5 » Total 47.8 » Per cent: { Males 54.4 Females 45.6			
44	41	27	68				
45	57	38	95				
46	111	38	149				
47	157	61	218				
48	207	70	277				
49	142	91	233				
50	107	92	199				

## Minke whales.

Engl. feet	Number of		Total	Engl. feet	Number of		Total
	males	females			males	females	
16	-	1	1	30	101	634	735
17	1	1	2	31	19	239	258
18	1	1	2	32	2	33	35
19	1	1	2	33	-	7	7
20	3	5	8	34	-	1	1
21	8	8	16	Total	2,574	3,460	6,034
22	18	22	40				
23	44	54	98	Average size: { Males 27.2 feet Females 28.3 » Total 27.8 » Per cent: { Males 42.7 Females 57.3			
24	102	88	190				
25	201	122	323				
26	353	175	528				
27	579	382	961				
28	762	686	1,448				
29	379	1,000	1,379				

Table 3 (continued).

## Sperm whales.

Engl. feet	Number of		Total	Engl. feet	Number of		Total
	males	females			males	females	
30	—	1	1	49	275	—	275
31	1	5	6	50	240	—	240
32	—	2	2	51	136	—	136
33	—	32	32	52	102	—	102
34	1	85	86	53	27	—	27
35	5	149	154	54	9	—	9
36	7	51	58	55	1	—	1
37	9	21	30				
38	25	13	38	Total	2,462	367	2,829
39	47	7	54				
40	69	1	70				
41	84	—	84				
42	71	—	71				
43	153	—	153	Average size: {	Males 46.5 feet		
44	185	—	185		Females 35.0 "		
45	229	—	229		Total 45.0 "		
46	246	—	246	Per cent: {	Males 87.0		
47	268	—	268		Females 13.0		
48	272	—	272				

Table 4.—Size of pregnant female whales caught in the Antarctic in the season 1975/76.

## Pelagic whaling.

## Fin whales.

Length	Number of pregnant females	Length	Number of pregnant females	
62	1	73	7	Number of fetuses measured ..... 52
64	1	74	1	
65	3	75	2	
66	4	76	4	
67	3	77	1	
68	4			
69	4	Total	52	
70	4			
71	6			
72	7			

Table 4 (continued).

Sei whales.<sup>1)</sup>

Length	Number of pregnant females	Length	Number of pregnant females	
42	1	52	78	Number of fetuses measured ..... 381 of which twin pairs ..... 5
44	2	53	25	
45	6	54	13	
46	8	55	6	
47	28	56	1	
48	27			
49	45	Total	376	
50	58			
51	78			

<sup>1)</sup> Exclusive of 11 females with no information of pregnancy.

Minke whales.<sup>1)</sup>

Length	Number of pregnant females	Length	Number of pregnant females	
23	2	31	197	Number of fetuses measured ..... 2,161 of which twin pairs ..... 8 of which triplets ..... 1
24	1	32	28	
25	10	33	7	
26	72	34	1	
27	221			
28	440	Total	2,151	
29	672			
30	500			

<sup>1)</sup> Exclusive of 185 females with no information of pregnancy.

Sperm whales.<sup>1)</sup>

Length	Number of pregnant females	Length	Number of pregnant females	
31	3	38	3	Number of fetuses measured ..... 100
33	8	39	2	
34	18	40	1	
35	41			
36	16	Total	100	
37	8			

<sup>1)</sup> Exclusive of 78 females with no information of pregnancy.

**Table 5.—Whale fetuses measured in the Antarctic in the season 1975/76, by species and groups of size, in each month.**

**Pelagic whaling.**

**Fin whale fetuses.**

Groups of size. Engl. feet	Dec.	Jan.	Febr.	March	Total
0'— 0' 11" .....	—	3	3	—	6
1'— 1' 11" .....	—	1	—	—	1
2'— 2' 11" .....	—	—	—	—	—
3'— 3' 11" .....	1	1	1	—	3
4'— 4' 11" .....	1	3	1	—	5
5'— 5' 11" .....	1	2	2	—	5
6'— 6' 11" .....	—	5	2	1	8
7'— 7' 11" .....	—	2	1	—	3
8'— 8' 11" .....	—	3	5	—	8
9'— 9' 11" .....	—	—	1	—	1
10'—10' 11" .....	—	—	2	—	2
11'—11' 11" .....	—	—	2	—	2
12'—12' 11" .....	—	—	2	—	2
13'—13' 11" .....	—	—	—	1	1
14'—14' 11" .....	—	—	1	—	1
15'—15' 11" .....	—	—	1	1	2
16'—16' 11" .....	—	—	2	—	2
Total .....	3	20	26	3	52
Average size .....	4' 7"	4' 10"	8' 5"	11' 9"	7' 0"

**Sei whale fetuses.**

Groups of size. Engl. feet	Dec.	Jan.	Febr.	March	Total
0'— 0' 11" .....	6	9	7	—	22
1'— 1' 11" .....	4	—	—	—	4
2'— 2' 11" .....	10	3	3	—	16
3'— 3' 11" .....	19	18	4	1	42
4'— 4' 11" .....	18	24	2	2	46
5'— 5' 11" .....	23	28	4	—	55
6'— 6' 11" .....	7	36	9	2	54
7'— 7' 11" .....	—	36	19	2	57
8'— 8' 11" .....	—	20	23	2	45
9'— 9' 11" .....	—	4	13	5	22
10'—10' 11" .....	—	2	6	4	12
11'—11' 11" .....	—	—	1	3	4
12'—12' 11" .....	—	—	—	1	1
13'—13' 11" .....	—	—	1	—	1
Total .....	87	180	92	22	381
Average size .....	3' 10"	5' 9"	6' 11"	8' 8"	5' 9"

Table 5 (continued)

## Minke whale foetuses.

Groups of size. Engl. feet	Nov.	Dec.	Jan.	Febr.	Total
0'— 0' 11" <sup>1)</sup> .....	180	480	123	135	918
1'— 1' 11".....	62	271	138	210	681
2'— 2' 11".....	7	62	59	188	316
3'— 3' 11".....	1	6	18	106	131
4'— 4' 11".....	—	—	5	69	74
5'— 5' 11".....	—	1	5	24	30
6'— 6' 11".....	—	1	—	2	3
7'— 7' 11".....	—	2	—	—	2
8'— 8' 11".....	—	—	—	—	—
9'— 9' 11".....	—	1	2	—	3
10'—10' 11".....	—	2	1	—	3
Total .....	250	826	351	734	2,161
Average size .....	0' 7"	0' 10"	1' 4"	2' 0"	1' 3"

<sup>1)</sup> Including very small foetuses (first stage) not measured and foetuses lost.

## Sperm whale foetuses. (South of 40° S.)

Groups of size. Engl. feet	Nov.	Dec.	Jan.	March	April	Total
0'— 0' 11".....	1	1	1	24	—	27
1'— 1' 11".....	—	—	—	5	—	5
2'— 2' 11".....	—	—	—	14	1	15
3'— 3' 11".....	—	—	—	20	—	20
4'— 4' 11".....	—	—	—	12	—	12
5'— 5' 11".....	—	—	—	4	—	4
6'— 6' 11".....	—	—	—	—	—	—
7'— 7' 11".....	—	—	1	—	—	1
8'— 8' 11".....	—	—	1	—	—	1
9'— 9' 11".....	—	—	—	—	—	—
10'—10' 11".....	3	—	3	—	—	6
11'—11' 11".....	—	—	—	4	—	4
12'—12' 11".....	1	—	1	3	—	5
Total .....	5	1	7	86	1	100
Average size .....	8' 6"	—	8' 6"	3' 0"	2' 7"	3' 8"

**Table 6.—Whale foetuses measured in the Antarctic in the season 1975/76, by species and sex, in each month.**

**Pelagic whaling.**

	Number of		Sex not determined	Total	Number of males per 100 females
	males	females			
<b>Fin whale foetuses.</b>					
December .....	2	1	—	3	200
January .....	10	8	2	20	125
February .....	10	13	3	26	77
March .....	2	1	—	3	200
Total .....	24	23	5	52	104
<b>Sei whale foetuses.</b>					
December .....	36	45	6	87	80
January .....	85	86	9	180	99
February .....	40	45	7	92	89
March .....	12	10	—	22	120
Total .....	173	186	22	381	93
<b>Minke whale foetuses.</b>					
November .....	92	121	37	250	76
December .....	369	383	74	826	96
January .....	158	138	55	351	114
February .....	331	331	72	734	100
Total .....	950	973	238	2,161	98
<b>Sperm whale foetuses.</b>					
November .....	2	2	1	5	100
December .....	—	—	1	1	—
January .....	2	5	—	7	40
March .....	35	34	17	86	103
April .....	—	1	—	1	—
Total .....	39	42	19	100	93

