

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL  
WHALING STATISTICS

XXX

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS



OSLO 1953

*Price: kr. 200.*

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL  
WHALING STATISTICS

XXX

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1953

PRINTED BY  
GRØNDAHL & SØN, OSLO

## CONTENTS

Preface .....	Page 5
Introduction .....	,, 7
Schedule to the International Convention for the Regulation of Whaling 1946, including the amendments made by the International Whaling Commission	,, 36
Table No. 1.—Whaling in the Antarctic in the season 1951/52 .....	,, 45
Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1951/52 .....	,, 45
Table No. 3.—Average size of whales caught in the Antarctic in the season 1951/52 .....	,, 46
Table No. 4.—Whales caught in the season 1951/52 in the Antarctic, by species, sex and size .....	,, 48
Total Antarctic .....	,, 48
a. South Georgia .....	,, 50
b. Antarctic, pelagic whaling .....	,, 52
Table No. 5.—Whales caught in the season 1951/52 in the Antarctic, by species, sex and groups of size .....	,, 55
Total Antarctic .....	,, 55
a. South Georgia .....	,, 55
b. Antarctic, pelagic whaling .....	,, 56
Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1951/52 .....	,, 57
Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1951/52 .....	,, 57
Table No. 8.—Whale foetuses measured in the Antarctic in the season 1951/52, by species and groups of size, in each month .....	,, 59
Table No. 9.—Whale foetuses measured in the Antarctic in the season 1951/52, by species and sex, in each month .....	,, 60
Table No. 10.—Whale foetuses .....	,, 62
Blue-whale foetuses measured in the Antarctic in the season 1951/52 .....	,, 62
Fin-whale foetuses measured in the Antarctic in the season 1951/52 .....	,, 66
Humpback foetuses measured in the Antarctic in the season 1951/52 .....	,, 90
Sei-whale foetuses measured in the Antarctic in the season 1951/52 .....	,, 91



## PREFACE

The present publication, International Whaling Statistics No. XXX, embraces the results of the Antarctic whaling for the season 1951-52.

All the participating expeditions have sent in to the Committee for International Whaling Statistics the particulars prescribed in the International Convention for the Regulation of Whaling.

During the preparation of the introductory tables to this publication, the following corrections concerning previous seasons have been made:—

*Season 1948-49:*—The final oil discharge of 2 pelagic expeditions amounts to 40 barrels less than previously reported, and as far as 1 shore station is concerned an additional production of 55 barrels must be included in the quantity originally stated. The production tables have been corrected accordingly.

*Season 1949-50:*—The final discharge at 1 shore station amounts to 16 barrels less than previously reported. This has now been corrected.

Oslo, 15th April 1953.

*Gunnar Jahn.*

*Birger Bergersen.*

*Einar Vangstein.*



## INTRODUCTION

During the Antarctic season 1951-52 8 countries carried on whaling with 20 floating factories, 3 shore stations and a total of 291 catchers, i.e. 1 floating factory and 29 catchers more than during the season 1950-51. The individual participating countries and their whaling material were as follows:—

Norway . . . . .	10	floating factories,	1	shore station,	139	catchers
United Kingdom . . .	3	„	„	1	„	„ 54 „
Union of South Africa	1	„	„			16 „
The Netherlands . . . .	1	„	„			12 „
Panama . . . . .	1	„	„			16 „
Japan . . . . .	3	„	„			32 „
U.S.S.R. . . . .	1	„	„			15 „
Argentina . . . . .				1	„	„ 7 „
<hr/>						
Total . . . . .	20	floating factories,	3	shore stations,	291	catchers

One of the floating factories, the Japanese “Baikal Maru,” operating with 5 catchers, was exclusively engaged in sperm-whale catch. The number of floating factories engaged in the pelagic catch of baleen whales was, therefore, the same as that of the season 1950-51—19 floating factories. However, the two Japanese factories “Nisshin Maru No. 1” and “Hashidate Maru” have been replaced by two larger floating factories: “Nisshin Maru” and “Tonan Maru”. “Nisshin Maru” was completed in 1951. “Tonan Maru”, which was built in 1938, was sunk during the war, but has later been refloated and repaired.

All the countries participating in the Antarctic pelagic whaling season 1951-52 have ratified the International Whaling Convention of 1946 and approved the alterations made in the Schedule of the Convention, adopted at the meetings of the International Whaling Commission. This Schedule—as amended by the Commission at its first, second, third, and fourth meetings and subsequently brought into force—is printed in extenso, pages 36-43.

The most important regulations of the International Whaling Convention concerning the pelagic whaling during the Antarctic season 1951-52 were:—



1. Catching period for baleen whales was from January 2nd 1952 to April 7th 1952.
2. Catch of baleen whales was not to exceed 16,000 blue-whale units. (As one blue-whale unit is reckoned 1 blue-whale or 2 fin-whales or 2½ humpbacks or 6 sei-whales.) The Contracting Governments were to send in weekly reports of the catch converted into blue-whale units. On the basis of the reports received the Bureau of International Whaling Statistics was to terminate the baleen whale operations by 14 days' notice if the permissible number of blue-whale units might be presumed to be caught before April 7th 1952.
3. For the season 1951-52 the Whaling Commission decided that the pelagic expeditions could take 1,250 humpbacks commencing on February 1st. The expeditions were to send daily reports direct to the Bureau of International Whaling Statistics, which body, on the basis of the reports received, was to terminate the humpback whaling operations by at least 3 days' notice, when the permissible number of humpbacks might be presumed to be caught.
4. It was forbidden to take

blue-whales	under	70	feet
fin-whales	„	60	„
sei-whales	„	40	„
humpbacks	„	35	„
sperm-whales	„	38	„

Further it was forbidden to take grey-whales or right-whales or female whales accompanied by a calf. The Convention also contained a provision enjoining full utilization of whales.

5. Pelagic hunting of baleen whales was prohibited between 70° West and 160° West.

The land stations on South Georgia were allowed a 6 months' consecutive catching period, and were otherwise subject to the same provisions as stated in paragraph 4 above.

In the Schedule of the International Convention for the Regulation of Whaling, which, inter alia, deals with the taking of humpback whales, it is stated, according to the alterations adopted in 1951:—

“ 6. It is forbidden to use a factory ship or a whale catcher attached thereto for the purpose of taking or treating humpback whales in any waters south of 40° South Latitude; provided that in the pelagic whaling season for baleen whales 1952 a maximum of 1,250 humpback whales may be taken in these waters commencing on February 1st.

8 (c) Notification shall be given in accordance with the provisions of Article VII of the Convention, within two days after the end of each calendar week, of data on the number of blue-whale units taken in any

waters south of 40° South Latitude by all whale catchers attached to factory ships under the jurisdiction of each Contracting Government; and in addition notification of data on the number of humpback whales taken in pursuance of paragraph 6, including nil returns on days when no humpback whales are taken, shall be given at the end of each day.

8 (e) On the basis of data on number of humpback whales taken in accordance with the provisions of paragraph 6 and reported in accordance with sub-paragraph 8 (c), the Commission, or such other body as the Commission may designate, shall determine the date on which the maximum catch of humpback whales shall be deemed to have been reached and shall notify each factory ship and each Contracting Government three days in advance thereof. The taking of humpback whales in all waters south of 40° South Latitude shall be illegal after midnight of the date so determined."

In Article VII of the Convention, to which reference is made in paragraph 8 (c) above, it is stated:—

"The Contracting Governments shall ensure prompt transmission to the International Bureau for Whaling Statistics at Sandefjord in Norway, or to such other body as the Commission may designate, of notifications and statistical and other information required by this Convention in such form and manner as may be prescribed by the Commission."

Under reference to Article VII it was resolved at the meeting of the Commission in London in 1949 as follows:—

*"Resolution 6.*

That in pursuance of Article VII of the 1946 Convention, the Commission will look to the Bureau of Whaling Statistics at Sandefjord

- (a) to continue the reception of the statistical information on whaling operations
- (b) to continue to receive weekly blue-whale unit catch reports from factory ships operating south of 40° South Latitude and
- (c) to decide on the basis of the data received, the date when the blue-whale limit or any other quota will be reached

and to take appropriate action on the above, after consultation with the Chairman of the Commission."

Pursuant to the regulations adopted at the meeting of the Commission in Oslo in 1950 the pelagic expeditions were to transmit daily telegraphic reports of the humpback catch. On February 2nd 1952 reports had been received from 14 expeditions, which had killed a total of 231 humpbacks. The Committee for International Whaling Statistics was of the opinion that the average daily catch, according to the reports on hand per February 1st, would be more than 250 units. As the expeditions, however, were entitled to 3 days' notice, the earliest day for closing the operations could be February 5th.

**Table a.—Weekly catch of whales in blue-whale units,**  
according to telegraphic reports from the whaling grounds.

Season 1949—50.		Season 1950—51.		Season 1951—52.	
Week ending	Number of blue-whale units	Week ending	Number of blue-whale units	Week ending	Number of blue-whale units
24/12 1949	468.1	23/12 1950	586.5	5/1 1952	1,200.0
31/12 ..	1,761.6	30/12 ..	1,560.5	12/1 ..	1,672.0
7/1 1950	1,334.4	6/1 1951	1,298.0	19/1 ..	1,915.5
14/1 ..	1,367.4	13/1 ..	1,385.5	26/1 ..	1,632.0
21/1 ..	1,580.0	20/1 ..	1,330.5	2/2 ..	1,599.4
28/1 ..	1,503.5	27/1 ..	1,673.0	9/2 ..	2,056.8
4/2 ..	1,414.0	3/2 ..	1,815.7	16/2 ..	1,742.0
11/2 ..	1,377.5	10/2 ..	1,676.0	23/2 ..	1,768.5
18/2 ..	1,267.1	17/2 ..	1,341.7	1/3 ..	1,724.0
25/2 ..	1,269.5	24/2 ..	1,568.5	5/3 ..	660.6
4/3 ..	1,208.5	3/3 ..	1,144.0		
11/3 ..	769.0	9/3 ..	991.4		
15/3 ..	690.6				
<b>Total</b>	<b>16,011.2</b>	<b>Total</b>	<b>16,371.3</b>	<b>Total</b>	<b>15,970.8</b>

The Committee, therefore, terminated the humpback catch immediately and the closing date was fixed at February 5th 1952 midnight.

According to the telegraphic reports the catch of humpback whales amounted to:—

On February 1st	302	humpback	whales		
.. 2nd	318	..	..		
.. 3rd	271	..	..		
.. 4th	281	..	..		
.. 5th	372	..	..		

**Total..... 1,544 humpback whales**

The total catch of humpback whales amounted to 1,546 animals, i.e. an excess of the fixed quota by 296 whales.

As mentioned above the pelagic whaling fleet engaged in baleen whale hunting in 1951–52 consisted of 19 floating factories, operating with a total of 265 catchers. Pursuant to the regulations laid down in the International Convention the pelagic expeditions forwarded weekly reports of their catch converted into blue-whale units within 2 days after the expiration of each calendar week.

Table *a*, above, gives a survey of the weekly catch of blue-whale units during the last 3 seasons in accordance with the telegraphic reports from the grounds.

At a meeting of the Committee for International Whaling Statistics on February 18th 1952, reports per February 16th from all the expeditions,

**Table b.—Number and gross tonnage of floating factories and catchers engaged in pelagic whaling in the Antarctic 1933/34—1951/52.**

Seasons	Floating factories			Catchers			
	Number	Gross tonnage	Average gross tonnage per fl. factory	Number	Gross tonnage	Average per catcher of:	
						Gross tonnage	I.H.P.
1933-34....	19	238,616	12,559	114	29,156	256	880
1934-35....	23	263,379	11,451	143	36,322	254	894
1935-36....	24	289,303	12,054	165	42,405	257	907
1936-37....	30	370,380	12,346	184	51,888	282	1,028
1937-38....	31	408,332	13,172	244	71,980	295	1,127
1938-39....	34	467,534	13,751	270	80,460	298	1,139
1939-40....	28	382,650	13,666	228	68,271	299	1,123
1940-41....	11	163,725	14,884	86	27,520	320	1,206
—	—	—	—	—	—	—	—
1943-44....	1	12,215	12,215	8	2,480	310	1,238
1944-45....	1	14,362	14,362	8	2,480	310	1,238
1945-46....	9	123,499	13,722	77	24,326	316	1,239
1946-47....	15	198,179	13,212	129	42,307	328	1,297
1947-48....	17	234,759	13,809	162	56,156	347	1,376
1948-49....	18	254,406	14,134	191	76,272	399	1,562
1949-50....	18	257,112	14,284	216	91,499	424	1,635
1950-51....	19	271,646	14,297	241	109,101	453	1,825
1951-52 <sup>1)</sup> ..	19	289,120	15,217	265	124,982	472	1,903

<sup>1)</sup> Excl. fl.f. "Baikal Maru" with 5 catchers. Catch of sperm-whales only.

except one, were available. According to these reports the catch per February 16th 1952 amounted to 11,800 blue-whale units, including estimated figures from one expedition for the week February 10th-16th. On the basis of the whaling results per February 16th, with due consideration to the more changeable weather conditions towards the end of February and in March, and also with regard to the shorter working days at the end of the season, the Committee fixed March 5th midnight as the closing date. According to the telegraphic reports from the grounds, the aggregate result per March 5th amounted to 15,970.8 blue-whale units.

By examining the statistical data provided by the companies at the close of the season, it appears that the total catch of the pelagic expeditions amounted to:—

5,124 blue-whales	=	5,124.0	blue-whale units
20,520 fin-whales	=	10,260.0	—, —
1,546 humpbacks	=	618.4	—, —
32 sei-whales	=	5.3	—, —

---

Total 27,222 whales = 16,007.7 blue-whale units

---

The discrepancy between the telegraphic reports and the above aggregate figures extracted from the statistical forms is due to the fact that some of the expeditions do not include in their weekly reports whales lost in flag, or whales lost by the floating factories.

Table c.—Total Antarctic.

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.			Shore stations.	Float-ing factories.	Catch-ers.	
1919-20	1,874	3,213	261	71	8 <sup>1)</sup>	14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31 <sup>1)</sup>	13	8,448	390,627	6	8	47	180
1921-22	4,416	2,492	9	103	3	—	7,023	452,517	6	8	46	153
1922-23	5,683	3,677	517	10	23	—	9,910	614,547	6	13	60	165
1923-24	3,732	3,035	233	193	66 <sup>1)</sup>	12	7,271	464,678	6	14	66	110
1924-25	5,703	4,366	359	1	59	—	10,488	697,091	6	13	65	161
1925-26	4,697	8,916	364	195	37 <sup>1)</sup>	10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39 <sup>1)</sup>	12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72 <sup>1)</sup>	4	13,775	1,037,392	6	18	84	164
1928-29	12,847	6,690	59	808	62	—	20,466	1,640,640	6	27	113	181
1929-30	17,898	11,614	853	216	73 <sup>1)</sup>	1	30,655	2,546,759	6	38	194	158
1930-31	29,410	10,017	576	145	51 <sup>1)</sup>	2	40,201	3,608,348	6	41	232	173
1931-32	6,488	2,871	184	16	13	—	9,572	808,560	2	5	45	213
1932-33	18,891	5,168	159	2	107	—	24,327	2,456,462	1	17	118	206
1933-34	17,349	7,200	872	—	666	—	26,087	2,395,544	2	19	126	207
1934-35	16,500	12,500	1,965	266	577	—	31,808	2,453,999	2	23	153	208
1935-36	17,731	9,697	3,162	2	399	—	30,991	2,436,338	2	24	175	177
1936-37	14,304	14,381	4,477	490	926 <sup>1)</sup>	1	34,579	2,658,108	2	30	196	176
1937-38	14,923	28,009	2,079	161	867	—	46,039	3,340,330	2	31	256	180
1938-39	14,081	20,784	883	22	2,585 <sup>1)</sup>	1	38,356	2,820,771	2	34	281	136
1939-40	11,480	18,694	2	81	1,938 <sup>2)</sup>	705	32,900	2,544,253	2	28	240	137
1940-41	4,943	7,831	2,675	110	804	—	16,363	1,100,008	1	11	93	176
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	339	1,158	4	197	101	—	1,799	132,001	1	1	15	120
1944-45	1,042	1,666	60	78	45	—	2,891	223,540	1	1	15	193
1945-46	3,606	9,185	238	85	273	—	13,387	818,652	3	9	93	144
1946-47	9,192	14,547	29	393	1,431 <sup>1)</sup>	1	25,593	1,939,742	3	15	147	174
1947-48	6,908	21,141	26	621	2,622	—	31,318	2,104,051	3	17	183	171
1948-49	7,625	19,123	31	578	4,078	—	31,435	2,219,621	3	18	212	148
1949-50	6,182	20,060	2,143	1,284	2,727	—	32,396	2,166,489	3	18	237	137
1950-51	7,048	19,456	1,638	886	4,968 <sup>3)</sup>	1	33,997	2,303,690	3	19	262	130
1951-52	5,130	22,527	1,556	530	5,485 <sup>4)</sup>	9	35,237	2,477,398	3	20	291	121

<sup>1)</sup> Right-whales. <sup>2)</sup> 703 "Baleen-whales" no specification given, 2 right-whales. <sup>3)</sup> Bottlenose. <sup>4)</sup> Minke-whales.

Order to cease operations prior to the official closing day has now been given for 5 seasons in succession. During these seasons the total catch has amounted to:—

1947-48	.....	16,364.3	blue-whale units
1948-49	.....	16,007.4	—, —
1949-50	.....	16,062.1	—, —
1950-51	.....	16,416.2	—, —
1951-52	.....	16,007.7	—, —

The total excess of the maximum quota amounted in all, during these 5 seasons, to 857.7 blue-whale units, or about 1.1 per cent of the catch.

The whaling period for baleen whales during the pelagic season 1951-52 lasted from January 2nd 1952 to March 5th 1952, or 64 days only, which is 14 days less than the whaling period of the preceding season, 20 days less than that of the season 1949-50 and 51 days less than that of 1947-48,

Table d.—Pelagic whaling in the Antarctic.<sup>1</sup>

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.			Shore stations.	Floating factories.	Catchers.	
1919-20	887	1,540	182	—	—	—	2,609	Barrels. 125,788	—	6	18	145
1920-21	1,761	2,848	157	—	—	—	4,766	213,490	1	8	26	183
1921-22	1,846	1,782	—	—	—	—	3,628	203,475	1	8	26	140
1922-23	2,114	2,232	197	—	4	—	4,547	266,994	1	12	37	123
1923-24	1,805	1,657	103	2	17	<sup>2)</sup> 12	3,596	217,215	1	13	43	84
1924-25	2,191	2,347	97	—	35	—	4,670	290,915	1	12	41	114
1925-26	2,842	3,207	128	182	25	<sup>2)</sup> 10	6,394	378,850	1	14	47	136
1926-27	2,856	3,958	189	413	22	<sup>2)</sup> 12	7,450	455,070	1	16	57	131
1927-28	6,209	3,102	23	788	12	<sup>2)</sup> 4	10,138	733,912	1	17	61	166
1928-29	11,287	3,560	44	412	31	—	15,334	1,292,011	1	26	90	170
1929-30	17,410	8,218	807	—	34	—	26,469	2,298,796	1	38	167	158
1930-31	28,325	8,601	510	1	27	<sup>2)</sup> 1	37,465	3,420,410	1	41	205	183
1931-32	6,050	1,136	178	—	3	—	7,367	686,355	—	5	33	223
1932-33	18,624	4,441	159	—	107	—	23,331	2,401,879	—	17	112	208
1933-34	16,813	5,472	780	—	659	—	23,724	2,263,357	—	19	115	206
1934-35	15,944	11,664	1,928	141	556	—	30,233	2,345,858	—	23	143	211
1935-36	16,510	9,177	3,121	2	396	—	29,206	2,293,153	—	24	165	177
1936-37	14,183	13,302	4,460	19	856	<sup>2)</sup> 1	32,821	2,576,479	—	30	184	178
1937-38	14,826	26,457	2,039	6	824	—	44,152	3,250,064	—	31	244	181
1938-39	13,849	19,477	883	3	2,468	<sup>2)</sup> 1	36,681	2,709,281	—	34	270	136
1939-40	11,392	17,757	2	1	1,853	<sup>3)</sup> 704	31,709	2,479,471	—	28	228	139
1940-41	4,936	7,084	2,675	22	778	—	15,495	1,055,510	—	11	88	176
1941-42	—	—	—	—	—	—	—	—	—	—	—	—
1942-43	—	—	—	—	—	—	—	—	—	—	—	—
1943-44	311	526	—	—	—	—	837	82,000	—	1	8	105
1944-45	914	679	—	2	—	—	1,595	148,000	—	1	8	199
1945-46	3,526	7,729	—	3	216	—	11,474	739,775	—	9	77	149
1946-47	8,865	12,877	1	2	1,298	—	23,043	1,794,424	—	15	129	179
1947-48	6,862	18,999	2	12	2,494	—	28,369	1,940,653	—	17	162	175
1948-49	7,399	17,201	13	16	3,865	—	28,494	2,047,427	—	18	191	149
1949-50	6,168	18,061	2,117	101	2,570	—	29,017	2,019,368	—	18	216	134
1950-51	6,966	17,474	1,630	367	4,742	<sup>4)</sup> 1	31,180	2,152,498	—	19	241	129
1951-52	5,124	20,520	1,546	32	5,344	<sup>5)</sup> 9	32,575	2,334,805	—	20	270	121

<sup>1)</sup> For the seasons 1919/20-1930/31 the catch in the Ross Sea and from South Shetland and South Orkney is included in the figures for pelagic whaling in the Antarctic. <sup>2)</sup> Right-whales. <sup>3)</sup> 703 "Baleen whales" no specification given, 1 right-whale. <sup>4)</sup> Bottlenose. <sup>5)</sup> Minke-whales.

the first season in which operations were ordered to cease prior to the official closing day. During the post-war years the length of the whaling seasons for the pelagic expeditions in the Antarctic has been as follows:—

Season	Catching days
1945-46	November 24th-March 24th 121
1946-47	December 8th-April 7th 121
1947-48	December 8th-March 31st 115
1948-49	December 15th-March 26th 102
1949-50	December 22nd-March 15th 84
1950-51	December 22nd-March 9th 78
1951-52	January 2nd-March 5th 64

Table b, page 11, shows the number and gross tonnage of the floating factories and catchers engaged in pelagic whaling from 1933-34. The

**Table e.—Average production per floating factory and catcher in the pelagic whaling in Antarctic 1927/28—1951/52 (exclusive of the war seasons).**

**I. Floating factories:**

Seasons.	Total production of whale oil.	Total number of fl. fact.	Average production per fl. fact.	Catching days.		Total production per day for the whole fleet.	Average production per floating factory's day-work.
				Total.	Average.		
	Barrels.		Barrels.			Barrels.	Barrels.
1927-28 .....	<sup>1)</sup> 733,312	17	43,136	2,580	152	4,824	284
1928-29 .....	<sup>1)2)</sup> 1,282,281	25	51,291	3,762	150	8,549	341
1929-30 .....	2,258,842	38	59,443	5,846	154	14,668	386
1930-31 .....	3,384,048	41	82,538	6,940	169	20,024	488
1931-32 .....	686,193	5	137,239	772	154	4,456	889
1932-33 .....	2,395,042	17	140,885	2,522	148	16,183	950
1933-34 .....	2,225,663	19	117,140	2,327	122	18,243	956
1934-35 .....	2,312,702	23	100,552	2,834	123	18,802	816
1935-36 .....	2,269,524	24	94,564	2,325	97	23,397	976
1936-37 .....	2,527,026	30	84,234	2,884	96	26,323	876
1937-38 .....	3,201,153	31	103,263	3,157	102	31,384	1,014
1938-39 .....	2,564,506	34	75,427	3,281	97	26,438	782
1945-46 .....	728,716	9	80,968	989	110	6,625	737
1946-47 .....	1,728,370	15	115,225	1,664	111	15,571	1,039
1947-48 .....	1,809,560	17	106,445	1,907	112	16,157	949
1948-49 .....	1,844,867	18	102,493	1,815	101	18,266	1,016
1949-50 .....	1,888,968	18	104,943	1,491	83	22,759	1,267
1950-51 .....	1,909,640	19	100,507	1,482	78	24,483	1,289
1951-52 .....	2,054,833	19	108,149	1,216	64	32,107	1,690

**II. Catchers:**

Seasons.	Total production of whale oil.	Total number of catchers.	Average production per catcher.	Catching days.		Average oil production per catcher's day-work.	Average number of whales caught <sup>3)</sup> per catcher's day-work
				Total.	Average per catcher.		
	Barrels.		Barrels.			Barrels.	
1927-28 .... <sup>1)</sup>	733,312	61	12,022	8,824	145	83	1.14
1928-29 .... <sup>1)2)</sup>	1,282,281	88	14,571	12,835	146	100	1.18
1929-30 ....	2,258,842	163	13,858	25,049	154	90	1.01
1930-31 ....	3,384,048	200	16,920	33,690	168	100	1.09
1931-32 ....	686,193	33	20,794	5,146	156	133	1.43
1932-33 ....	2,395,042	112	21,384	16,604	148	144	1.40
1933-34 ....	2,225,663	114	19,523	13,967	122	159	1.65
1934-35 ....	2,312,702	143	16,173	17,946	125	129	1.66
1935-36 ....	2,269,524	165	13,755	16,075	97	141	1.80
1936-37 ....	2,527,026	184	13,734	17,761	97	142	1.80
1937-38 ....	3,201,153	244	13,119	24,749	101	129	1.76
1938-39 ....	2,564,506	270	9,498	26,104	97	98	1.31
1945-46 ....	728,716	77	9,464	7,707	100	95	1.46
1946-47 ....	1,728,370	129	13,398	14,635	113	118	1.49
1947-48 ....	1,809,560	162	11,170	18,041	111	100	1.43
1948-49 ....	1,844,867	191	9,659	18,816	99	98	1.31
1949-50 ....	1,888,968	216	8,745	17,860	83	106	1.48
1950-51 ....	1,909,640	241	7,924	18,750	78	102	1.41
1951-52 ....	2,054,833	265	7,754	16,960	64	121	1.61

<sup>1)</sup> Including the production from "Deception". <sup>2)</sup> Including the production of the aux. factory "Ole Wegger". <sup>3)</sup> Not including sperm-whales.

Table f.—Whales caught in the pelagic whaling. Percentage figures.

Years.	Species of whales caught.					
	Blue.	Fin.	Hump- back.	Sei.	Sperm.	Total.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1927-28.....	61.3	30.6	0.2	7.8	0.1	100
1928-29.....	73.6	23.2	0.3	2.7	0.2	100
1929-30.....	65.8	31.0	3.1	—	0.1	100
1930-31.....	75.6	23.0	1.3	—	0.1	100
1931-32.....	82.1	15.4	2.4	—	0.1	100
1932-33.....	79.8	19.0	0.7	—	0.5	100
1933-34.....	70.9	23.1	3.3	—	2.7	100
1934-35.....	52.7	38.6	6.4	0.5	1.8	100
1935-36.....	56.5	31.4	10.7	—	1.4	100
1936-37.....	43.2	40.5	13.6	0.1	2.6	100
1937-38.....	33.5	59.9	4.6	0.1	1.9	100
1938-39.....	37.8	53.1	2.4	—	6.7	100
1939-40.....	36.7	57.3	—	—	6.0	100
1940-41.....	31.9	45.7	17.3	0.1	5.0	100
1943-44.....	37.2	62.8	—	—	—	100
1944-45.....	57.3	42.6	—	0.1	—	100
1945-46.....	30.7	67.4	—	—	1.9	100
1946-47.....	38.5	55.9	—	—	5.6	100
1947-48.....	24.2	67.0	—	—	8.8	100
1948-49.....	26.0	60.4	—	—	13.6	100
1949-50.....	21.3	62.2	7.3	0.3	8.9	100
1950-51.....	22.3	56.1	5.2	1.2	15.2	100
1951-52.....	15.7	63.0	4.8	0.1	16.4	100

particulars relating to the season 1951-52 cover only the pelagic expeditions engaged in baleen whale hunting.

The average size of the floating factories increased greatly in 1951-52 owing to the replacement of the two elder Japanese floating factories by new and larger units. As compared with the latest pre-war years, however, the average size of the floating factories after the war has increased only slightly. On the other hand the capacity of the catchers, measured by average gross tonnage as well as by engine power, shows a considerable increase. During the season 1935-36 the average size of the catchers was 257 gross tons and the average engine power 907 I.H.P. During the season 1951-52 the average capacity of the catchers was 472 gross tons and 1,903 I.H.P. or more than twice the engine power.

The average number of catchers employed per floating factory also shows a remarkable increase during the post-war years. From about 8 catchers per floating factory during the latest pre-war years it rose to 12.7 catchers in 1950-51 and 13.9 catchers in 1951-52.

Table c, page 12, gives a survey of the Antarctic whaling results from 1919-20 until and including 1951-52. It will appear from this table that last season's catch amounted to 35,237 whales, which is an increase of about 1,240 whales as compared with the preceding season. The output of oil amounted to 2,477,398 barrels—including whale- and sperm-oil. As



Table g.—Antarctic, pelagic whaling. Catch by months in absolute figures.

Species of whales and seasons.		Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.
<i>Total animals.</i>	1938-39..	1,353	10,138	12,626	9,986	<sup>1)</sup> 2,562	—	<sup>1)</sup> 36,665	<sup>1)</sup> 36,681
	1943-44..	—	—	143	307	326	61	837	837
	1944-45..	29	499	488	361	218	—	1,595	1,595
	1945-46..	58	1,316	3,237	3,749	2,452	624	11,436	11,474
	1946-47..	351	4,549	6,256	5,768	5,363	746	23,033	23,043
	1947-48..	455	5,321	9,174	6,832	6,410	—	28,192	28,369
	1948-49..	848	5,153	9,776	7,403	5,152	1	28,333	28,494
	1949-50..	24	5,943	10,689	8,602	3,498	—	28,756	29,017
1950-51..	1,044	6,162	10,500	<sup>2)</sup> 10,759	2,468	—	<sup>2)</sup> 30,933	<sup>2)</sup> 31,180	
1951-52..	1,077	3,504	12,794	13,277	1,651	—	32,303	<sup>3)</sup> 32,575	
<i>Blue-whales.</i>	1938-39..	846	5,124	4,899	2,368	602	—	13,839	13,849
	1943-44..	—	—	74	89	141	7	311	311
	1944-45..	7	321	318	172	96	—	914	914
	1945-46..	21	679	1,041	1,204	480	91	3,516	3,526
	1946-47..	—	2,592	2,247	1,795	1,948	282	8,864	8,865
	1947-48..	2	2,296	1,968	1,479	1,100	—	6,845	6,862
	1948-49..	—	1,864	2,588	1,738	1,181	—	7,371	7,399
	1949-50..	—	627	2,613	2,124	761	—	6,125	6,168
1950-51..	—	1,060	2,771	2,434	663	—	6,928	6,966	
1951-52..	—	1	2,325	2,495	280	—	5,101	5,124	
<i>Fin-whales.</i>	1938-39..	64	3,605	6,959	7,061	1,788	—	19,477	19,477
	1943-44..	—	—	69	218	185	54	526	526
	1944-45..	22	178	170	187	122	—	679	679
	1945-46..	27	545	2,121	2,514	1,962	532	7,701	7,729
	1946-47..	—	1,584	3,739	3,762	3,322	463	12,870	12,877
	1947-48..	—	2,167	6,565	5,005	5,127	—	18,864	18,999
	1948-49..	—	1,887	6,415	5,113	3,666	—	17,081	17,201
	1949-50..	—	2,038	6,978	6,231	2,625	—	17,872	18,061
1950-51..	—	2,436	7,266	6,055	1,539	—	17,296	17,474	
1951-52..	—	—	10,137	8,875	1,300	—	20,312	20,520	
<i>Hump-backs.</i>	1938-39..	134	456	235	58	—	—	883	883
	1945-46..	—	—	—	—	—	—	—	—
	1946-47..	—	—	—	—	—	1	1	1
	1947-48..	1	1	—	—	—	—	2	2
	1948-49..	2	5	2	—	4	—	13	13
	1949-50..	—	1,422	682	1	—	—	2,105	2,117
	1950-51..	—	—	—	1,624	—	—	1,624	1,630
1951-52..	—	1	—	1,531	—	—	1,532	1,546	
<i>Sei-whales.</i>	1938-39..	—	—	—	—	<sup>1)</sup> 4	—	<sup>1)</sup> 4	<sup>1)</sup> 4
	1944-45..	—	—	—	2	—	—	2	2
	1945-46..	—	—	—	2	1	—	3	3
	1946-47..	—	—	—	—	2	—	2	2
	1947-48..	—	—	—	—	12	—	12	12
	1948-49..	—	—	—	1	15	—	16	16
	1949-50..	—	—	2	21	78	—	101	101
	1950-51..	—	—	—	<sup>2)</sup> 323	39	—	<sup>2)</sup> 362	<sup>2)</sup> 368
1951-52..	—	—	9	21	1	—	31	<sup>3)</sup> 41	
<i>Sperm-whales.</i>	1938-39..	309	953	533	499	168	—	2,462	2,468
	1945-46..	10	92	75	29	9	1	216	216
	1946-47..	351	373	270	211	91	—	1,296	1,298
	1947-48..	452	857	641	348	171	—	2,469	2,494
	1948-49..	846	1,397	771	551	286	1	3,852	3,865
	1949-50..	24	1,856	414	225	34	—	2,553	2,570
	1950-51..	1,044	2,666	463	323	227	—	4,723	4,742
1951-52..	1,077	3,502	323	355	70	—	5,327	5,344	

<sup>1)</sup> 1 right-whale included. <sup>2)</sup> 1 bottlenose included. <sup>3)</sup> 9 Minke-whales included.

Table h.—Antarctic, pelagic whaling. Catch by months in percentage figures.

Species of whales and seasons.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.	
<i>Total animals</i>	1938-39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1943-44	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	.....	.	.	.	.	.	.	.	
	.....	.	.	.	.	.	.	.	
<i>Blue-whales</i>	1938-39	62.5	50.5	38.8	23.7	23.5	—	37.8	37.8
	1943-44	—	—	51.7	29.0	43.3	11.5	37.2	37.2
	1944-45	24.1	64.3	65.2	47.6	44.0	—	57.3	57.3
	1945-46	36.2	51.6	32.2	32.1	19.6	14.6	30.8	30.7
	1946-47	—	57.0	35.9	31.1	36.3	37.8	38.5	38.5
	1947-48	0.4	43.2	21.4	21.6	17.1	—	24.3	24.2
	1948-49	—	36.2	26.5	23.5	22.9	—	26.0	26.0
	1949-50	—	10.6	24.4	24.7	21.8	—	21.3	21.3
	1950-51	—	17.2	26.4	22.6	26.9	—	22.4	22.3
1951-52	—	0.1	18.2	18.8	17.0	—	15.8	15.7	
<i>Fin-whales</i>	1938-39	4.7	35.6	55.1	70.7	69.8	—	53.1	53.1
	1943-44	—	—	48.3	71.0	56.7	88.5	62.8	62.8
	1944-45	75.9	35.7	34.8	51.8	56.0	—	42.6	42.6
	1945-46	46.6	41.4	65.5	67.0	80.0	85.2	67.3	67.4
	1946-47	—	34.8	59.8	65.2	62.0	62.1	55.9	55.9
	1947-48	—	40.7	71.6	73.3	80.0	—	66.9	67.0
	1948-49	—	36.6	65.6	69.1	71.2	—	60.3	60.4
	1949-50	—	34.3	65.3	72.4	75.0	—	62.2	62.2
	1950-51	—	39.5	69.2	56.3	62.3	—	55.9	56.1
1951-52	—	—	79.2	66.8	78.7	—	62.9	63.0	
<i>Hump-backs</i>	1938-39	9.9	4.5	1.9	0.6	—	—	2.4	2.4
	1943-44-45	—	—	—	—	—	—	—	—
	1945-46	—	—	—	—	—	—	—	—
	1946-47	—	—	—	—	—	0.1	—	—
	1947-48	0.2	—	—	—	—	—	—	—
	1948-49	0.2	0.1	—	—	—	—	—	—
	1949-50	—	23.9	6.4	—	—	—	7.3	7.3
1950-51	—	—	—	15.1	—	—	5.2	5.2	
1951-52	—	—	—	11.5	—	—	4.7	4.8	
<i>Sei-whales</i>	1938-39	—	—	—	—	0.1	—	—	—
	1943-44	—	—	—	—	—	—	—	—
	1944-45	—	—	—	0.6	—	—	0.1	0.1
	1945-46	—	—	—	0.1	—	—	—	—
	1946-47	—	—	—	—	—	—	—	—
	1947-48	—	—	—	—	0.2	—	—	—
	1948-49	—	—	—	—	0.3	—	0.1	—
	1949-50	—	—	—	0.3	2.2	—	0.3	0.3
1950-51	—	—	—	3.0	1.6	—	1.2	1.2	
1951-52	—	—	0.1	0.2	0.1	—	0.1	0.1	
<i>Sperm-whales</i>	1938-39	22.9	9.4	4.2	5.0	6.6	—	6.7	6.7
	1943-44-45	—	—	—	—	—	—	—	—
	1945-46	17.2	7.0	2.3	0.8	0.4	0.2	1.9	1.9
	1946-47	100.0	8.2	4.3	3.7	1.7	—	5.6	5.6
	1947-48	99.4	16.1	7.0	5.1	2.7	—	8.8	8.8
	1948-49	99.8	27.1	7.9	7.4	5.6	100.0	13.6	13.6
	1949-50	100.0	31.2	3.9	2.6	1.0	—	8.9	8.9
	1950-51	100.0	43.3	4.4	3.0	9.2	—	15.3	15.2
1951-52	100.0	99.9	2.5	2.7	4.2	—	16.5	16.4	

**Table i.—Average size of whales killed in the Antarctic, by whaling grounds and species of whales 1938/39—1951/52.**

Whaling grounds and species of whales.	1938 -39	1940 -41	1942 -43	1943 -44	1944 -45	1945 -46	1946 -47	1947 -48	1948 -49	1949 -50	1950 -51	1951 -52
<b>Pelagic whaling.</b>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
<i>Blue-whales.</i>												
Males .....	76.66	75.59	-	75.78	76.34	76.77	76.84	77.09	77.51	77.70	77.31	76.42
Females .....	79.57	80.03	-	79.87	79.29	79.85	79.72	79.83	80.77	80.71	79.43	79.53
Total animals.....	78.11	77.92	-	77.93	77.91	78.25	78.29	78.42	79.06	79.03	78.28	78.03
<i>Fin-whales.</i>												
Males .....	65.73	64.75	-	65.19	66.25	66.07	65.83	66.65	66.37	65.98	65.28	66.41
Females .....	68.92	67.88	-	67.55	68.89	69.20	69.00	69.55	69.60	69.07	68.24	69.41
Total animals.....	67.21	66.26	-	66.29	67.33	67.48	67.43	67.94	67.93	67.46	66.71	67.86
<i>Humpbacks.</i>												
Males .....	37.69	40.75	-	-	-	-	-	-	39.67	39.73	39.72	39.30
Females .....	40.47	43.15	-	-	-	-	-	46.00	42.50	41.39	41.57	41.39
Total animals.....	39.64	42.35	-	-	-	-	-	46.00	41.85	40.63	40.79	40.42
<b>South Georgia.</b>												
<i>Blue-whales, total ...</i>	75.81	-	73.20	73.00	73.38	73.41	77.09	76.28	76.29	74.29	76.90	72.00
<i>Fin-whales, total ...</i>	65.37	-	64.78	65.23	65.36	66.16	67.54	65.76	65.56	65.23	65.98	65.97
<i>Humpbacks, total ...</i>	-	-	-	40.50	42.03	41.47	38.57	41.42	40.17	40.04	40.13	39.80
<i>Sperm-whales, total..</i>	50.33	-	44.08	50.17	48.91	47.74	45.05	46.74	46.01	48.60	46.88	48.12

the whaling from the shore stations on South Georgia is quite insignificant in comparison with the pelagic whaling, the results of the latter have been recorded separately in table *d*, page 13.

During the season 1951-52 the pelagic expeditions killed 32,575 whales from which were produced 2,334,805 barrels of whale- and sperm-oil. This production consisted of 2,054,833 barrels of whale-oil and 279,972 barrels of sperm-oil. During the season 1950-51 the production of whale-oil amounted to 1,909,640 barrels and the production of sperm-oil to 242,858 barrels. This means an increase in 1951-52 of 145,193 barrels of whale-oil, despite the fact that the number of blue-whale units decreased from 16,287 in 1950-51 to 15,875 in 1951-52. During this last season 5,124 blue-whales were killed, or 1,842 blue-whales less than in the preceding season. The blue-whale catch in 1951-52 is the lowest recorded in the post-war years, apart from the 1945-46 season when whaling was resumed on a small scale only. In 1951-52 the number of humpbacks killed declined by 84 animals. On the other hand the fin-whale catch increased by 3,046 whales and the sperm-whale catch increased by 602 animals. The number of sperm-whales killed—5,344—is the largest number of sperm-whales ever killed during one single season. The highest pre-war figure was 2,468 sperm-whales in 1938-39.

Table *e*, page 14, gives a survey for a series of years of the average total and average daily oil production per floating factory as well as per

**Table j.—Average size of whales killed, by species and sex 1938/39—1951/52, excl. of blue-whales less than 70', fin-whales less than 60' and humpbacks less than 35'. Antarctic, pelagic whaling.**

Species of whales.	1938 -39	1940 -41	1943 -44	1944 -45	1945 -46	1946 -47	1947 -48	1948 -49	1949 -50	1950 -51	1951 -52
<i>Blue-whales.</i>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Males . . . . .	77.30	77.00	75.88	76.48	77.15	77.56	77.58	77.87	78.16	77.78	77.06
Females . . . . .	80.26	81.21	79.96	79.37	80.31	80.50	80.40	81.22	81.32	79.97	80.05
Total animals.	78.78	79.29	78.03	78.01	78.67	79.06	78.95	79.46	79.56	78.78	78.62
<i>Fin-whales.</i>											
Males . . . . .	66.54	66.05	65.78	66.60	66.38	66.36	67.09	66.87	66.71	66.31	66.68
Females . . . . .	69.84	68.87	67.94	69.24	69.58	69.52	70.11	70.21	70.01	69.30	69.69
Total animals.	68.08	67.46	66.80	67.69	67.82	67.96	68.44	68.48	68.30	67.77	68.13
<i>Humpbacks.</i>											
Males . . . . .	38.11	40.75	—	—	—	—	—	39.67	40.10	40.09	39.60
Females . . . . .	40.75	43.31	—	—	—	—	46.00	43.56	41.78	41.81	41.69
Total animals.	39.98	42.45	—	—	—	—	46.00	42.58	41.01	41.10	40.73

catcher. The table includes the production of whale-oil only. When judging the whaling results on the basis of these figures, due consideration must be taken to the limitation of the catch through curtailments of the whaling period and fixation of maximum quotas. Moreover, attention must be drawn to the variation in the number of floating factories and catchers employed, and to the considerable increase of the capacity of the whaling material in the post-war years.

Table *f*, page 15, illustrates the relation between the various species of whales killed in pelagic operations in the Antarctic from 1927–28. In the season 1951–52 15.7 per cent of all whales killed were blue-whales or 6.6 per cent less than during the preceding season. During the last 5 seasons the blue-whale catch—amounting to 16–26 per cent only—has been considerably lower than during the seasons previous to 1947–48. During the latest pre-war seasons 30–40 per cent of the total catch consisted of blue-whales, and during the seasons around 1930 the percentage was 70–80. This decline in the blue-whale catch is to a certain extent a consequence of the curtailment of the whaling period during the last pre-war and all the post-war seasons. It is a well-known fact that the presence of blue-whales is generally more abundant during the Antarctic spring months. During the seasons around 1930 whaling commenced already in October, while the whaling period in the last two seasons has commenced on December 22nd and January 2nd respectively.

However, the main cause of the constantly decreasing blue-whale catch seems to be the decimation of the stock. By comparing the catch of the various species of whales in each month during the last seasons with the corresponding figures for the seasons after 1931–32, it will appear that the number of blue-whales killed also in January and February is lower now

Table k.—Antarctic, pelagic whaling. Catch of immature and mature whales 1938/39 and 1941/42—1951/52.

	1938—39.		1941—42 1942—43.	1943—44.		1944—45.		1945—46.		1946—47.		1947—48.		1948—49.		1949—50.		1950—51.		1951—52.	
	Number of whales.	Per cent.		Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>																					
Immature																					
males . . . .	1,916	27.53	—	46	31.08	110	25.64	394	21.58	1,080	23.77	869	24.69	799	20.65	648	18.99	876	23.27	778	31.65
females . . .	2,350	34.16	—	47	28.83	151	31.13	480	28.40	1,390	29.91	1,090	32.77	937	26.76	757	27.90	1,160	36.66	1,015	38.40
animals . . .	4,266	30.83	—	93	29.90	261	28.56	874	24.86	2,470	26.87	1,959	28.62	1,736	23.55	1,405	22.94	2,036	29.39	1,793	35.15
Mature																					
males . . . .	5,043	72.47	—	102	68.92	319	74.36	1,432	78.42	3,464	76.23	2,650	75.31	3,070	79.35	2,764	81.01	2,888	76.73	1,680	68.35
females . . .	4,530	65.84	—	116	71.17	334	68.87	1,210	71.60	3,257	70.09	2,236	67.23	2,565	73.24	1,956	72.10	2,004	63.34	1,628	61.60
animals . . .	9,573	69.17	—	218	70.10	653	71.44	2,642	75.14	6,721	73.13	4,886	71.38	5,635	76.45	4,720	77.06	4,892	70.61	3,308	64.85
<b>Fin-whales.</b>																					
Immature																					
males . . . .	2,089	20.04	—	58	20.50	61	15.21	588	13.86	1,156	16.30	1,238	11.83	1,215	13.73	1,557	16.79	2,041	22.75	1,495	14.21
females . . .	2,029	22.41	—	71	28.86	38	13.67	511	14.77	1,257	16.88	1,363	16.23	1,280	15.55	1,647	19.16	2,090	25.11	1,867	19.07
animals . . .	4,118	21.14	—	129	24.39	99	14.58	1,099	14.27	2,413	16.59	2,601	13.79	2,495	14.61	3,204	17.93	4,131	23.89	3,362	16.55
Mature																					
males . . . .	8,333	79.96	—	225	79.50	340	84.79	3,654	86.14	5,936	83.70	9,230	88.17	7,632	86.27	7,719	83.21	6,930	77.25	9,025	85.79
females . . .	7,026	77.59	—	175	71.14	240	86.33	2,948	85.23	6,191	83.12	7,033	83.77	6,954	84.45	6,949	80.84	6,233	74.89	7,925	80.93
animals . . .	15,359	78.86	—	400	75.61	580	85.42	6,602	85.73	12,127	83.41	16,263	86.21	14,586	85.39	14,663	82.07	13,163	76.11	16,950	83.45
<b>Humpbacks.</b>																					
Immature																					
males . . . .	177	66.54	—	—	—	—	—	—	—	—	—	—	—	2	66.67	399	41.09	295	43.19	347	48.87
females . . .	305	49.43	—	—	—	—	—	—	—	—	—	—	—	4	40.00	426	37.57	318	33.79	330	40.15
animals . . .	482	54.59	—	—	—	—	—	—	—	—	—	—	—	6	46.15	825	39.19	613	37.75	677	44.19
Mature																					
males . . . .	89	33.46	—	—	—	—	—	—	—	—	—	—	—	1	33.33	572	58.91	388	56.81	963	51.13
females . . .	312	50.57	—	—	—	—	—	—	—	—	—	2	100.00	6	60.00	708	62.43	623	66.21	492	59.85
animals . . .	401	45.41	—	—	—	—	—	—	—	—	—	2	100.00	7	53.85	1,280	60.81	1,011	62.25	855	55.81

Table I.—Number and average size of whales caught in the different areas of Antarctic. Pelagic whaling.

Species of whales. Seasons.	Area II.			Area III.			Area IV.			Area V.			All areas.			The Whaling Statistics' total figures for whales caught.
	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	
<b>Blue-whales.</b>																
1933/34-1937/38	14,583	18.66	78.89	36,432	46.62	78.00	26,945	34.48	79.21	191	0.24	80.62	78,151	100	78.59	78,276
1938-39	3,440	24.86	79.03	4,469	32.29	77.24	4,920	35.55	78.92	1,010	7.30	79.72	13,839	100	78.11	13,849
1939-40	3,441	61.88	78.23	734	13.20	76.84	1,386	24.92	78.72	-	-	-	5,561	100	78.17	11,392
1940/41-1944/45	2,106	90.78	77.86	214	9.22	78.52	-	-	-	-	-	-	2,320	100	77.92	6,161
1945-46	599	17.04	78.29	2,917	82.96	78.24	-	-	-	-	-	-	3,516	100	78.25	3,526
1946-47	1,858	20.96	78.63	2,968	33.48	78.41	3,345	37.74	78.13	693	7.82	77.60	8,864	100	78.29	8,865
1947-48	1,536	22.44	76.65	1,888	27.58	78.61	1,785	26.08	79.54	1,636	23.90	78.64	6,845	100	78.42	6,862
1948-49	2,040	27.68	78.55	2,963	40.20	79.38	1,325	17.97	79.06	1,043	14.15	79.18	7,371	100	79.06	7,399
1949-50	1,069	17.45	78.42	1,500	24.49	78.53	925	15.10	78.91	2,631	42.96	78.80	6,125	100	79.03	6,168
1950-51	1,561	22.53	77.45	1,425	20.57	77.81	1,076	15.53	77.71	2,866	41.37	79.18	6,928	100	78.28	6,966
1951-52	447	8.76	78.17	1,850	36.27	79.17	1,185	23.23	77.68	1,619	31.74	76.94	5,101	100	78.03	5,124
1933/34-1951/52	32,680	22.60	78.52	57,360	39.66	78.10	42,892	29.66	78.89	11,689	8.08	78.87	144,621	100	78.49	154,588
<b>Fin-whales.</b>																
1933/34-1937/38	24,245	36.76	67.80	28,698	43.52	67.66	12,988	19.69	68.49	18	0.03	69.56	65,949	100	67.88	66,072
1938-39	6,257	32.13	67.40	5,711	29.32	66.46	5,547	28.48	67.46	1,962	10.07	68.11	19,477	100	67.21	19,477
1939-40	7,840	73.74	67.39	2,218	20.86	66.88	574	5.40	67.49	-	-	-	10,632	100	67.29	17,757
1940/41-1944/45	2,039	97.65	66.60	49	2.35	67.41	-	-	-	-	-	-	2,088	100	66.62	8,289
1945-46	4,901	63.64	67.68	2,800	36.36	67.12	-	-	-	-	-	-	7,701	100	67.48	7,729
1946-47	4,657	36.19	66.69	4,382	34.05	68.51	3,353	26.05	67.24	478	3.71	65.91	12,870	100	67.43	12,877
1947-48	6,136	32.53	67.87	6,479	34.34	68.04	4,625	24.52	67.93	1,624	8.61	67.86	18,864	100	67.94	18,999
1948-49	5,019	29.38	67.36	6,442	37.71	68.52	3,059	17.91	67.40	2,561	15.00	68.16	17,081	100	67.93	17,201
1949-50	7,163	40.08	67.51	5,100	28.53	67.54	2,940	16.45	66.57	2,669	14.94	68.16	17,872	100	67.46	18,061
1950-51	5,558	32.13	66.57	4,118	23.81	66.12	4,219	24.39	66.45	3,401	19.67	67.96	17,296	100	66.71	17,474
1951-52	5,959	29.34	67.87	7,171	35.30	68.05	2,110	10.39	67.31	5,072	24.97	67.80	20,312	100	67.86	20,520
1933/34-1951/52	79,774	37.96	67.50	73,168	34.82	67.62	39,415	18.76	67.66	17,785	8.46	67.93	210,142	100	67.61	224,456
<b>Humpbacks.</b>																
1933/34-1937/38	1,035	8.41	40.92	6,122	49.75	40.85	5,144	41.81	40.89	4	0.03	43.00	12,305	100	40.88	12,330
1938-39	-	-	-	-	-	-	859	97.28	39.63	24	2.72	39.79	883	100	39.64	883
1940-41	231	82.80	42.60	48	17.20	41.17	-	-	-	-	-	-	279	100	42.35	2,675
1946/47-1948/49	6	37.50	44.00	9	56.25	41.67	1	6.25	45.00	-	-	-	16	100	42.75	16
1949-50	172	8.17	41.05	251	11.92	41.42	779	37.01	40.39	903	42.90	40.52	2,105	100	40.62	2,117
1950-51	264	16.26	41.48	20	1.23	38.80	1,112	68.47	40.47	228	14.04	41.76	1,624	100	40.79	1,630
1951-52	33	2.15	42.88	189	12.34	42.01	1,127	73.56	39.89	183	11.95	41.63	1,532	100	40.42	1,546
1933/34-1951/52	1,741	9.29	41.29	6,639	35.42	40.90	9,022	48.13	40.55	1,342	7.16	40.88	18,744	100	40.77 <sup>1)</sup>	21,199

<sup>1)</sup> 2 humpbacks caught in the season 1939/40 are included.

Table m.—Number of whales killed during the seasons 1933/34—1951/52.

— 1 —

Areas	Blue-whales		Fin-whales		Humpbacks		Sperm-whales		Total	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
II	32,680	22.60	79,774	37.96	1,741	9.29	4,929	18.14	119,124	29.73
III	57,360	39.66	73,168	34.82	6,639	35.42	11,244	41.39	148,411	37.04
IV	42,892	29.66	39,415	18.76	9,022	48.13	7,575	27.88	98,904	24.68
V	11,689	8.08	17,785	8.46	1,342	7.16	3,420	12.59	34,236	8.55
Total	144,621	100.00	210,142	100.00	18,744	100.00	27,168	100.00	400,675	100.00

— 2 —

Species of whales	Area II		Area III		Area IV		Area V		Total	
	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent
Blue.....	32,680	27.43	57,360	38.65	42,892	43.37	11,689	34.14	144,621	36.09
Fin.....	79,774	66.97	73,168	49.30	39,415	39.85	17,785	51.95	210,142	52.45
Humpbacks.....	1,741	1.46	6,639	4.47	9,022	9.12	1,342	3.92	18,744	4.68
Sperm.....	4,929	4.14	11,244	7.58	7,575	7.66	3,420	9.99	27,168	6.78
Total.....	119,124	100.00	148,411	100.00	98,904	100.00	34,236	100.00	400,675	100.00

than usually in the thirties. In these two months whaling operations have, as known, been carried on at full capacity during all seasons. The monthly catch is recorded in absolute and percentage figures from the season 1938–39 in tables *g* and *h*, pages 16 and 17.

Table *i*, page 18, gives a survey of the average size of whales killed from and including 1938–39. The minimum length settled for blue-whales is 70 ft. It appears from the table that the average length of the blue-whales killed by the pelagic expeditions in 1951–52 was 78.03 ft. Compared with the previous season this is a decrease of 0.25 ft., and compared with 1949–50 the decrease is 1.00 ft. During the seasons 1945/46–1948/49 there has been a steady increase from season to season in the average size of blue-whales killed. The reason for that is probably that the animals born immediately before and during the war, enjoyed a period of preservation due to the war-time interval in the whaling activities. Yet it is too early to give an opinion whether the great decrease in the average size during the last two seasons means that these age-groups have already been depleted. The decrease may, however, indicate that many young animals have been killed these last seasons.

The average size of fin-whales killed in 1951–52 was 67.86 feet, which is an increase of 1.15 feet as compared with the previous season. The reason for this increase is undoubtedly the fact that the minimum length determined for killing of fin-whales was raised from 55 to 60 ft. in the season

Table n.—Antarctic, pelagic whaling results for the various countries 1937/38—1951/52.

Seasons	All countries			Norway			British Commonwealth			Of which						Japan		
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	United Kingdom			Union of South Africa			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 <sup>1)</sup>			Barrels			Barrels			Barrels		Barrels			Barrels		
1937-38.....	44,152	3,250,064	244	14,960 <sup>2)</sup>	1,157,993	83	15,286	1,114,865	80	12,461	921,192	64	2,825	193,673	16	5,582	388,683	30
1938-39.....	36,681	2,709,281	270	11,521 <sup>3)</sup>	842,712	90	10,541	847,127	74	9,371	746,182	65	1,170	100,945	9	7,540	483,476	49
1939-40.....	31,709	2,479,471	228	11,040	909,790	79	11,279	856,819	81	9,389	737,909	65	1,890	118,910	16	6,990	538,862	51
1940-41.....	15,495	1,055,510	88	2,387	203,317	21	3,116	229,780	16	3,116	229,780	16	-	-	-	9,992	622,413	51
1941-42-43..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1943-44.....	837	82,000	8	837	82,000	8	-	-	-	-	-	-	-	-	-	-	-	-
1944-45.....	1,595	148,000	8	1,595	148,000	8	-	-	-	-	-	-	-	-	-	-	-	-
1945-46.....	11,474	739,775	77	6,765	501,528	44	4,709	238,247	33	4,709	238,247	33	-	-	-	-	-	-
1946-47.....	23,043	1,794,424	129	11,766	937,318	57	8,946	671,501	44	6,380	466,622	32	2,566	204,879	12	1,175	73,295	12
1947-48.....	28,369	1,940,653	162	14,678	995,115	85	10,249	697,096	49	7,291	516,040	35	2,958	181,056	14	1,324	104,912	12
1948-49.....	28,494	2,047,427	191	15,209	1,050,120	101	9,169	694,802	54	6,561	534,034	40	2,608	160,728	14	1,643	119,361	14
1949-50.....	29,017	2,019,368	216	15,556	1,048,432	119	8,478	615,997	56	6,596	470,699	41	1,882	145,298	15	2,114	168,754	16
1950-51.....	31,180	2,152,498	241	15,873	1,062,260	124	7,718	579,666	60	5,177	417,755	45	2,541	161,911	15	2,741	170,596	18
1951-52.....	32,575	2,334,805	270	14,763	1,088,085	132	8,455	632,224	63	5,961	446,262	47	2,494	185,962	16	3,831	259,476	32

  

Seasons	Germany			Panama			United States of America			Netherlands			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	Number of whales killed	Oil production	Catchers employed
		Barrels			Barrels			Barrels			Barrels			Barrels	
1937-38.....	5,237	356,858	33	1,527	117,650	10	1,560	114,015	8	-	-	-	-	-	-
1938-39.....	5,066	374,149	41	907	68,853	8	1,106	92,964	8	-	-	-	-	-	-
1939-40.....	-	-	-	1,421	113,000	8	979	61,000	9	-	-	-	-	-	-
1940/41-44/45.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1945-46.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946-47.....	-	-	-	-	-	-	-	-	-	-	770	77,310	8	386	35,000
1947-48.....	-	-	-	-	-	-	-	-	-	-	1,294	85,130	8	824	58,400
1948-49.....	-	-	-	-	-	-	-	-	-	-	1,366	109,849	10	1,107	73,335
1949-50.....	-	-	-	-	-	-	-	-	-	-	1,295	82,792	11	1,574	103,393
1950-51.....	-	-	-	1,497	126,522	12	-	-	-	-	1,660	103,560	12	1,691	109,894
1951-52.....	-	-	-	1,408	97,073	16	-	-	-	-	1,650	110,300	12	2,468	147,647

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/8 long ton. 1 long ton = 1,016 kg.) <sup>2)</sup> Including the catch of two Norwegian expeditions hired by Germany—in 1937-38 2,158 whales and in 1938-39 1,658 whales. <sup>3)</sup> Including the production of two Norwegian expeditions hired by Germany—in 1937-38 180,750 barrels and in 1938-39 118,380 barrels.



Table o.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
1919-20	987	1,673	79	71	8	1) 14	2,832	Barrels. 147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) 13	3,682	177,137	5	—	21	175
1921-22	2,570	710	9	103	3	—	3,395	249,042	5	—	20	170
1922-23	3,569	1,445	320	10	19	—	5,363	347,553	5	1	23	233
1923-24	1,927	1,378	130	191	49	—	3,675	247,463	5	1	23	160
1924-25	3,512	2,019	262	1	24	—	5,818	406,176	5	1	24	242
1925-26	1,855	5,709	236	13	12	—	7,825	404,457	5	1	23	340
1926-27	3,689	1,144	—	365	17	—	5,215	417,292	5	1	23	227
1927-28	2,125	1,357	—	95	60	—	3,637	303,480	5	1	23	158
1928-29	1,560	3,130	15	396	31	—	5,132	348,629	5	1	23	223
1929-30	488	3,396	46	216	39	1) 1	4,186	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) 1	2,736	187,938	5	—	27	101
1931-32	438	1,735	6	16	10	—	2,205	122,205	2	—	12	184
1932-33	267	727	—	2	—	—	996	54,583	1	—	6	166
1933-34	536	1,728	92	—	7	—	2,363	132,187	2	—	11	215
1934-35	556	836	37	125	21	—	1,575	108,141	2	—	10	158
1935-36	1,221	520	41	—	3	—	1,785	143,185	2	—	10	179
1936-37	121	1,079	17	471	70	—	1,758	81,629	2	—	12	147
1937-38	97	1,552	40	155	43	—	1,887	90,266	2	—	12	157
1938-39	232	1,307	—	19	117	—	1,675	111,490	2	—	11	152
1939-40	88	937	—	80	85	1) 1	1,191	64,782	2	—	12	99
1940-41	7	747	—	88	26	—	868	44,498	1	—	5	174
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	28	632	4	197	101	—	962	50,001	1	—	7	137
1944-45	128	987	60	76	45	—	1,296	75,540	1	—	7	185
1945-46	80	1,456	238	82	57	—	1,913	78,877	3	—	16	120
1946-47	327	1,670	28	391	133	1) 1	2,550	145,318	3	—	18	142
1947-48	46	2,142	24	609	128	—	2,949	163,398	3	—	21	140
1948-49	226	1,922	18	562	213	—	2,941	172,194	3	—	21	140
1949-50	14	1,999	26	1,183	157	—	3,379	147,121	3	—	21	161
1950-51	82	1,982	8	519	226	—	2,817	151,192	3	—	21	134
1951-52	6	2,007	10	498	141	—	2,662	142,593	3	—	21	127

1) Right-whale.

1951-52. During the two previous seasons the average size of fin-whales killed decreased by 0.47 ft. and 0.75 ft. respectively.

The minimum length determined for the taking of humpbacks is 35 ft. The average size of the humpbacks killed in 1951-52 was 40.42 ft., against 40.79 ft. in 1950-51 and 40.63 ft. in 1949-50. As known, the taking of humpbacks in pelagic whaling has been prohibited during the seasons 1938/39-1948/49. In 1937-38, the last season open to humpback catch, the average size was about 41.07 ft.

In table *j*, page 19, is recorded the average size of all whales killed being above the present minimum lengths settled by international agreements. This table has been prepared in order to eliminate the possible influence which a variation in the number of undersized whales killed might have on the average size.

Table p.—South Georgia. Catch by months in absolute figures.

Species of whales and seasons.		Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.
<i>Total animals.</i>	1938-39.....	51	240	453	332	218	343	38	-	1,675	1,675
	1943-44.....	-	25	171	211	177	110	121	7	822	962
	1944-45.....	-	91	436	332	150	156	126	5	1,296	1,296
	1945-46.....	46	360	455	349	296	315	92	-	1,913	1,913
	1946-47.....	136	468	458	580	410	456	42	-	2,550	2,550
	1947-48.....	272	440	662	657	433	378	107	-	2,949	2,949
	1948-49.....	204	359	532	668	638	436	104	-	2,941	2,941
	1949-50.....	106	344	823	951	500	512	120	-	3,356	3,379
1950-51.....	245	346	472	432	405	707	210	-	2,817	2,817	
1951-52.....	59	550	547	488	651	222	113	-	2,630	2,662	
<i>Blue-whales.</i>	1938-39.....	-	7	131	35	24	32	3	-	232	232
	1943-44.....	-	2	9	10	-	1	2	-	24	28
	1944-45.....	-	31	12	9	14	26	36	-	128	128
	1945-46.....	7	50	11	1	5	5	1	-	80	80
	1946-47.....	12	90	142	51	26	6	-	-	327	327
	1947-48.....	1	2	3	18	3	18	1	-	46	46
	1948-49.....	40	100	5	16	16	2	-	-	226	226
	1949-50.....	2	3	4	-	-	4	1	-	14	14
1950-51.....	2	5	42	22	4	7	-	-	82	82	
1951-52.....	-	2	-	-	2	2	-	-	6	6	
<i>Fin-whales.</i>	1938-39.....	51	232	318	292	189	211	14	-	1,307	1,307
	1943-44.....	-	23	146	176	49	45	101	3	543	632
	1944-45.....	-	60	420	305	91	81	30	-	987	987
	1945-46.....	37	274	274	308	278	232	53	-	1,456	1,456
	1946-47.....	122	368	298	505	189	168	20	-	1,670	1,670
	1947-48.....	265	433	631	550	112	112	39	-	2,142	2,142
	1948-49.....	151	244	468	616	223	197	23	-	1,922	1,922
	1949-50.....	90	328	791	602	93	51	22	-	1,977	1,999
1950-51.....	234	333	421	405	156	365	68	-	1,982	1,982	
1951-52.....	58	542	527	436	314	84	16	-	1,977	2,007	
<i>Hump-backs.</i>	1938-39.....	-	-	-	-	-	-	-	-	-	-
	1943-44.....	-	-	-	4	-	-	-	-	4	4
	1944-45.....	-	-	-	6	3	6	45	-	60	60
	1945-46.....	-	29	168	33	1	6	1	-	238	238
	1946-47.....	1	5	10	9	3	-	-	-	28	28
	1947-48.....	-	1	12	8	2	1	-	-	24	24
	1948-49.....	1	6	4	5	1	1	-	-	18	18
	1949-50.....	-	3	13	5	4	1	-	-	26	26
1950-51.....	2	3	2	-	-	1	-	-	8	8	
1951-52.....	-	-	9	1	-	-	-	-	10	10	
<i>Sei-whales.</i>	1938-39.....	-	-	-	-	-	13	6	-	19	19
	1943-44.....	-	-	-	9	109	43	1	-	162	197
	1944-45.....	-	-	-	-	28	31	15	2	76	76
	1945-46.....	-	-	-	1	4	57	20	-	82	82
	1946-47.....	-	-	1)	12	186	193	-	-	392	392
	1947-48.....	-	-	-	57	302	188	62	-	609	609
	1948-49.....	-	-	-	18	310	174	60	-	562	562
	1949-50.....	-	-	-	305	393	398	87	-	1,183	1,183
1950-51.....	-	-	-	2	222	205	90	-	519	519	
1951-52.....	1	2	-	37	307	103	46	-	496	498	
<i>Sperm-whales.</i>	1938-39.....	-	1	4	5	5	87	15	-	117	117
	1943-44.....	-	-	16	12	19	21	17	4	89	101
	1944-45.....	-	-	4	12	14	12	-	3	45	45
	1945-46.....	2	7	2	6	8	15	17	-	57	57
	1946-47.....	1	5	7	3	6	89	22	-	133	133
	1947-48.....	6	4	16	24	14	59	5	-	128	128
	1948-49.....	12	9	8	13	88	62	21	-	213	213
	1949-50.....	14	10	15	39	10	58	10	-	156	157
1950-51.....	7	5	7	3	23	129	52	-	226	226	
1951-52.....	-	4	11	14	28	33	51	-	141	141	

1) Right-whale.

Table q.—South Georgia. Catch by months in percentage figures.

Species of whales and seasons.		Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.
<i>Total animals</i>	1938-39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1943-44	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.....	.	.	.	.	.	.	.	.	.	.
	.....	.	.	.	.	.	.	.	.	.	.
<i>Blue-whales</i>	1938-39	-	2.9	28.9	10.5	11.0	9.3	7.9	-	13.9	13.9
	1943-44	-	8.0	5.3	4.7	-	0.9	1.7	-	2.9	2.9
	1944-45	-	34.1	2.8	2.7	9.3	16.7	28.6	-	9.9	9.9
	1945-46	15.2	13.9	2.4	0.3	1.7	1.6	1.1	-	4.2	4.2
	1946-47	8.8	19.2	31.0	8.8	6.3	1.3	-	-	12.8	12.8
	1947-48	0.4	0.5	0.5	2.7	0.7	4.8	0.9	-	1.6	1.6
	1948-49	19.6	27.8	9.8	2.4	2.5	0.5	-	-	7.7	7.7
	1949-50	1.9	0.9	0.5	-	-	0.8	0.8	-	0.4	0.4
	1950-51	0.8	1.4	8.9	5.1	1.0	1.0	-	-	2.9	2.9
1951-52	-	0.4	-	-	0.3	0.9	-	-	0.2	0.2	
<i>Fin-whales</i>	1938-39	100.0	96.7	70.2	88.0	86.7	61.5	36.8	-	78.0	78.0
	1943-44	-	92.0	85.4	83.4	27.7	40.9	83.5	42.9	66.1	65.7
	1944-45	-	65.9	96.3	91.9	60.7	51.9	23.8	-	76.2	76.2
	1945-46	80.4	76.1	60.2	88.2	93.9	73.6	57.6	-	76.1	76.1
	1946-47	89.7	78.6	65.1	87.1	46.1	36.9	47.6	-	65.5	65.5
	1947-48	97.4	98.4	95.3	83.7	25.9	29.6	36.5	-	72.6	72.6
	1948-49	74.0	68.0	88.0	92.2	34.9	45.2	22.1	-	65.4	65.4
	1949-50	84.9	95.3	96.1	63.3	18.6	10.0	18.4	-	58.9	59.2
	1950-51	95.5	96.3	89.2	93.7	38.5	51.6	32.4	-	70.4	70.4
1951-52	98.3	98.5	96.4	89.3	48.2	37.8	14.2	-	75.2	75.4	
<i>Hump-backs</i>	1938-39	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	1.9	-	-	-	-	0.5	0.4
	1944-45	-	-	-	1.8	2.0	3.8	35.7	-	4.6	4.6
	1945-46	-	8.1	36.9	9.5	0.3	1.9	1.1	-	12.4	12.4
	1946-47	0.8	1.1	2.2	1.5	0.7	-	-	-	1.1	1.1
	1947-48	-	0.2	1.8	1.2	0.5	0.3	-	-	0.8	0.8
	1948-49	0.5	1.7	0.7	0.7	0.2	0.2	-	-	0.6	0.6
	1949-50	-	0.9	1.6	0.5	0.8	0.2	-	-	0.8	0.8
	1950-51	0.8	0.9	0.4	-	-	0.1	-	-	0.3	0.3
1951-52	-	-	1.6	0.2	-	-	-	-	0.4	0.4	
<i>Sei-whales</i>	1938-39	-	-	-	-	-	3.8	15.8	-	1.1	1.1
	1943-44	-	-	-	4.3	61.6	39.1	0.8	-	19.7	20.5
	1944-45	-	-	-	-	18.7	19.8	11.9	40.0	5.8	5.8
	1945-46	-	-	-	0.3	1.4	18.1	21.7	-	4.3	4.3
	1946-47	-	-	0.2	2.1	45.4	42.3	-	-	15.4	15.4
	1947-48	-	-	-	8.7	69.7	49.7	57.9	-	20.7	20.7
	1948-49	-	-	-	2.7	48.6	39.9	57.7	-	19.1	19.1
	1949-50	-	-	-	32.1	78.6	77.7	72.5	-	35.3	35.0
	1950-51	-	-	-	0.5	54.8	29.0	42.8	-	18.4	18.4
1951-52	1.7	0.4	-	7.6	47.2	46.4	40.7	-	18.9	18.7	
<i>Sperm-whales</i>	1938-39	-	0.4	0.9	1.5	2.3	25.4	39.5	-	7.0	7.0
	1943-44	-	-	9.3	5.7	10.7	19.1	14.0	57.1	10.8	10.5
	1944-45	-	-	0.9	3.6	9.3	7.8	-	60.0	3.5	3.5
	1945-46	4.4	1.9	0.5	1.7	2.7	4.8	18.5	-	3.0	3.0
	1946-47	0.7	1.1	1.5	0.5	1.5	19.5	52.4	-	5.2	5.2
	1947-48	2.2	0.9	2.4	3.7	3.2	15.6	4.7	-	4.3	4.3
	1948-49	5.9	2.5	1.5	2.0	13.8	14.2	20.2	-	7.2	7.2
	1949-50	13.2	2.9	1.8	4.1	2.0	11.3	8.3	-	4.6	4.6
	1950-51	2.9	1.4	1.5	0.7	5.7	18.3	24.8	-	8.0	8.0
1951-52	-	0.7	2.0	2.9	4.3	14.9	45.1	-	5.3	5.3	

Table r.—South Georgia. Catch of immature and mature whales 1938/39 and 1943/44—1951/52.

	1938—39.		1943—44.		1944—45.		1945—46.		1946—47.		1947—48.		1948—49.		1949—50.		1950—51.		1951—52.	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>																				
Immature males	44	44.90	10	90.91	39	73.58	28	77.78	66	45.2	6	42.86	49	50.52	6	85.71	19	45.24	2	100.00
females	65	48.51	8	61.54	54	72.00	30	68.18	53	29.3	13	40.62	51	39.53	3	42.86	16	40.00	3	75.00
animals	109	46.98	18	75.00	93	72.66	58	72.50	119	36.4	19	41.30	100	44.25	9	64.29	35	42.68	5	83.33
Mature males	54	55.10	1	9.09	14	26.42	8	22.22	80	54.8	8	57.14	48	49.48	1	14.29	23	54.76	—	—
females	69	51.49	5	38.46	21	28.00	14	31.82	128	70.7	19	59.38	78	60.47	4	57.14	24	60.00	1	25.00
animals	123	53.02	6	25.00	35	27.34	22	27.50	208	63.6	27	58.70	126	55.75	5	35.71	47	57.32	1	16.67
<b>Fin-whales.</b>																				
Immature males	188	30.72	87	30.10	133	27.71	167	20.59	139	19.9	300	27.30	314	31.40	353	37.28	259	30.40	319	34.56
females	231	33.24	91	35.83	180	35.50	152	23.57	140	14.4	335	32.12	277	30.04	349	33.88	357	31.59	383	36.34
animals	419	32.06	178	32.78	313	31.71	319	21.91	279	16.7	635	29.65	591	30.75	702	35.51	616	31.08	702	35.51
Mature males	424	69.28	202	69.90	347	72.29	644	79.41	559	80.1	799	72.70	686	68.60	594	62.72	593	69.60	604	65.44
females	464	66.76	163	64.17	327	64.50	493	76.43	832	85.6	708	67.88	645	69.93	681	66.12	773	68.41	671	63.66
animals	888	67.94	365	67.22	674	68.29	1,137	78.09	1,391	83.3	1,507	70.35	1,331	69.25	1,275	64.49	1,366	68.92	1,275	64.49

Table s.—Antarctic whaling results for the various countries 1937/38—1951/52. Absolute and percentage figures.

Years.	All countries.		Norway.		British Commonwealth.		Of which				Japan.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	United Kingdom.		Union of South Africa.		Number of whales.	Oil production.
							Number of whales.	Oil production.	Number of whales.	Oil production.		
		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		B els. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>
1937-38.....	46,039	3,340,330	<sup>2)</sup> 14,960	<sup>2)</sup> 1,157,993	16,111	1,153,365	13,286	959,692	2,825	193,673	5,582	388,683
1938-39.....	38,356	2,820,771	<sup>2)</sup> 11,521	<sup>2)</sup> 842,712	11,192	891,791	10,022	790,846	1,170	100,945	7,540	483,476
1939-40.....	32,900	2,544,253	11,040	909,790	11,765	882,169	9,875	763,259	1,890	118,910	6,990	538,862
1940-41.....	16,363	1,100,008	2,387	203,317	3,116	229,780	3,116	229,780	-	-	9,992	622,413
1941-42.....	1,425	77,819	-	-	359	17,012	359	17,012	-	-	-	-
1942-43.....	998	50,960	-	-	-	-	-	-	-	-	-	-
1943-44.....	1,799	132,001	837	82,000	-	-	-	-	-	-	-	-
1944-45.....	2,891	223,540	1,595	148,000	-	-	-	-	-	-	-	-
1945-46.....	13,387	818,652	7,246	520,873	5,059	252,751	5,059	252,751	-	-	-	-
1946-47.....	25,593	1,939,742	12,533	980,838	9,872	725,469	7,306	520,590	2,566	204,879	1,175	73,295
1947-48.....	31,318	2,104,051	15,656	1,050,831	11,406	759,813	8,448	578,757	2,958	181,056	1,324	104,912
1948-49.....	31,435	2,219,621	16,196	1,108,027	10,204	756,531	7,596	595,803	2,608	160,728	1,643	119,361
1949-50.....	32,396	2,166,489	16,799	1,106,487	9,668	663,715	7,786	518,417	1,882	145,298	2,114	168,754
1950-51.....	33,997	2,303,690	16,844	1,116,284	8,768	636,241	6,227	474,330	2,541	161,911	2,741	170,596
1951-52.....	35,237	2,477,398	15,650	1,136,643	9,432	684,434	6,938	498,472	2,494	185,962	3,831	259,476
<i>In per cent</i>	%	%	%	%	%	%	%	%	%	%	%	%
1937-38.....	100.0	100.0	32.5	34.7	35.0	34.5	28.9	28.7	6.1	5.8	12.1	11.6
1938-39.....	100.0	100.0	30.0	29.9	29.2	31.6	26.1	28.0	3.1	3.6	19.6	17.1
1939-40.....	100.0	100.0	33.6	35.8	35.8	34.7	30.0	30.0	5.8	4.7	21.2	21.2
1940-41.....	100.0	100.0	14.6	18.5	19.0	20.9	19.0	20.9	-	-	61.1	56.6
1941-42.....	100.0	100.0	-	-	25.2	21.9	25.2	21.9	-	-	-	-
1942-43.....	100.0	100.0	-	-	-	-	-	-	-	-	-	-
1943-44.....	100.0	100.0	46.5	62.1	-	-	-	-	-	-	-	-
1944-45.....	100.0	100.0	55.2	66.2	-	-	-	-	-	-	-	-
1945-46.....	100.0	100.0	54.1	63.6	37.8	30.9	37.8	30.9	-	-	-	-
1946-47.....	100.0	100.0	49.0	50.5	38.6	37.4	28.5	26.8	10.1	10.6	4.6	3.8
1947-48.....	100.0	100.0	50.0	49.9	36.4	36.1	27.0	27.5	9.4	8.6	4.2	5.0
1948-49.....	100.0	100.0	51.5	49.9	32.5	34.1	24.2	26.9	8.3	7.2	5.2	5.4
1949-50.....	100.0	100.0	51.9	51.1	29.8	30.6	24.0	23.9	5.8	6.7	6.5	7.8
1950-51.....	100.0	100.0	49.5	48.5	25.8	27.6	18.3	20.6	7.5	7.0	8.1	7.4
1951-52.....	100.0	100.0	44.4	45.9	26.8	27.6	19.7	20.1	7.1	7.5	10.9	10.5

Years.	Argentina.		Germany.		Panama.		United States of America.		Netherlands.		U.S.S.R.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.
		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>
1937-38....	1,062	51,766	5,237	356,858	1,527	117,650	1,560	114,015	-	-	-	-
1938-39....	1,024	66,826	5,066	374,149	907	68,853	1,106	92,964	-	-	-	-
1939-40....	705	39,432	-	-	1,421	113,000	979	61,000	-	-	-	-
1940-41....	868	44,498	-	-	-	-	-	-	-	-	-	-
1941-42....	1,066	60,807	-	-	-	-	-	-	-	-	-	-
1942-43....	998	50,960	-	-	-	-	-	-	-	-	-	-
1943-44....	962	50,001	-	-	-	-	-	-	-	-	-	-
1944-45....	1,296	75,540	-	-	-	-	-	-	-	-	-	-
1945-46....	1,082	45,028	-	-	-	-	-	-	-	-	-	-
1946-47....	857	47,830	-	-	-	-	-	-	770	77,310	386	35,000
1947-48....	814	44,965	-	-	-	-	-	-	1,294	85,130	824	58,400
1948-49....	919	52,518	-	-	-	-	-	-	1,366	109,849	1,107	73,335
1949-50....	946	41,348	-	-	-	-	-	-	1,295	82,792	1,574	103,393
1950-51....	796	40,593	-	-	1,497	126,522	-	-	1,660	103,560	1,691	109,894
1951-52....	798	41,825	-	-	1,408	97,073	-	-	1,650	110,300	2,468	147,647
<i>In per cent</i>	%	%	%	%	%	%	%	%	%	%	%	%
1937-38....	2.3	1.6	11.4	10.7	3.3	3.5	3.4	3.4	-	-	-	-
1938-39....	2.7	2.4	13.2	13.3	2.4	2.4	2.9	3.3	-	-	-	-
1939-40....	2.1	1.5	-	-	4.3	4.4	3.0	2.4	-	-	-	-
1940-41....	5.3	4.0	-	-	-	-	-	-	-	-	-	-
1941-42....	74.8	78.1	-	-	-	-	-	-	-	-	-	-
1942-43....	100.0	100.0	-	-	-	-	-	-	-	-	-	-
1943-44....	53.5	37.9	-	-	-	-	-	-	-	-	-	-
1944-45....	44.8	33.8	-	-	-	-	-	-	-	-	-	-
1945-46....	8.1	5.5	-	-	-	-	-	-	-	-	-	-
1946-47....	3.3	2.5	-	-	-	-	-	-	3.0	4.0	1.5	1.8
1947-48....	2.6	2.1	-	-	-	-	-	-	4.2	4.1	2.6	2.8
1948-49....	2.9	2.4	-	-	-	-	-	-	4.4	4.9	3.5	3.3
1949-50....	2.9	1.9	-	-	-	-	-	-	4.0	3.8	4.9	4.8
1950-51....	2.3	1.7	-	-	4.4	5.5	-	-	4.9	4.5	5.0	4.8
1951-52....	2.2	1.7	-	-	4.0	3.9	-	-	4.7	4.4	7.0	6.0

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton. 1 long ton = 1,016 kg.) <sup>2)</sup> Including the catch of two Norwegian expeditions hired by Germany—in 1937-38 2,158 whales and in 1938-39 1,658 whales. <sup>3)</sup> Including the production of two Norwegian expeditions hired by Germany—in 1937-38 180,750 barrels and in 1938-39 118,380 barrels.

Table *k*, page 20, gives particulars of the catch of mature and immature whales.

The calculations of the proportion of mature and immature whales are based on the average size of the whales killed. Animals of the following sizes are regarded as mature:—

Blue-whales: Female	.....	77 feet and above	
Male	.....	74	—,,—
Fin-whales: Female	.....	65	—,,—
Male	.....	63	—,,—
Humpbacks: Female	.....	41	—,,—
Male	.....	40	—,,—

It will appear from table *k* that the percentage of immature blue-whales killed has increased considerably as compared with the earlier post-war seasons. In 1951–52 35.15 per cent of the blue-whales killed were immature. This is an increase of 5.76 per cent compared with the previous season and an increase of 12.21 per cent compared with 1949–50.—As far as the fin-whales are concerned, the percentage of immature animals in the 1951–52 catch has decreased by 7.34 per cent as compared with the previous season. This decrease is mainly due to the raising of the minimum length limit for fin-whales from 55 ft. to 60 ft.

The whaling ground in the Antarctic, operated by the pelagic expeditions, extends from 70° west and eastwards to 160° west. The ground covers an area of about 8,100 miles, if the 60° latitude is considered as the basic line. It is evident that the whaling conditions and the presence of whales cannot be equal within this huge area.

For the purpose of obtaining more detailed information on the pelagic activities in the Antarctic the area around the South Pole cap has been divided into the following areas:—

Area	I	between	60° west	and	170° west
..	II	..	0°	..	60° west
..	III	..	0°	..	70° east
..	IV	..	70° east	..	130° east
..	V	..	130° east	..	170° west

As previously mentioned pelagic whaling is forbidden between 70° west and 160° west, which limits the pelagic operations in Area I to 60° west–70° west and 160° west–170° west. As it does not serve any purpose to publish statistical details concerning the two above mentioned sections of 10° in Area I separately, the ground between 60° and 70° west has now been included in Area II, while the ground between 160° and 170° west

Table t.—Average production of oil per blue-whale unit.<sup>1)</sup>

Years.	South Georgia.	Pelagic whaling.	Years.	South Georgia.	Pelagic whaling.
	Barrels <sup>2)</sup>	Barrels <sup>2)</sup>		Barrels	Barrels
1924-25.....	87.5	85.0	1938-39.....	117.6	107.1
1925-26.....	84.0	84.8	1939-40.....	106.1	117.2
1926-27.....	96.4	91.1	1940-41.....	109.1	105.8
1927-28.....	106.4	92.8	1941-42.....	110.1	—
1928-29.....	108.2	98.3	1942-43.....	95.2	—
1929-30.....	110.7	109.6	1943-44.....	120.2	142.9
1930-31.....	100.1	105.6	1944-45.....	111.5	118.0
1931-32.....	92.9	102.6	1945-46.....	83.1	98.6
1932-33.....	86.5	114.6	1946-47.....	112.5	113.1
1933-34.....	91.8	111.9	1947-48.....	128.3	111.2
1934-35.....	105.1	102.2	1948-49.....	126.5	115.9
1935-36.....	95.5	101.6	1949-50.....	115.1	118.6
1936-37.....	104.5	111.7	1950-51.....	121.5	117.3
1937-38.....	95.7	111.1	1951-52.....	126.0	129.4

<sup>1)</sup> Other whales are reduced to blue-whale equivalents on the following basis: — 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales. <sup>2)</sup> Barrel = 170 kg. (Barrel = abt. ¼ long ton. 1 long ton = 1,016 kg.)

has been included in Area V. The demarcations of the various areas have consequently been altered as follows:—

Area I	between	70° west	and	160° west
	(where pelagic whaling is forbidden)			
Area II	between	0°	and	70° west
„ III	„	0°	„	70° east
„ IV	„	70° east	„	130° east
„ V	„	130° east	„	160° west

Table l, page 21, gives a survey of the number and average size of blue-, fin-, and humpback-whales killed in the above mentioned areas II-V from 1933-34 until and including 1951-52. In this last season the largest number of blue-whales was killed in area III, viz. 1,850 animals or 36.27 per cent of the total blue-whale catch. The remaining 64 per cent are divided over the other areas as follows:—

8.76	per cent	in area	II
23.23	—, —	IV and	
31.74	—, —	V	

Of the total fin-whale catch in 1951-52, 7,171 animals or 35.30 per cent were killed in area III, while the remaining 65 per cent were divided thus:—

29.34	per cent	in area	II
10.39	—, —	IV and	
24.97	—, —	V	

As in the preceding season 1950-51, the largest number of humpbacks was in 1951-52 killed in Area IV, viz. 1,127 humpbacks or 73.56 per cent of the total humpback catch. Only 2 per cent of the humpbacks were



**Table u.—Average weekly production of whale-oil per blue-whale unit in the pelagic whaling 1950-51 and 1951-52.**

Season 1950-51.				Season 1951-52.			
Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.	Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.
	Barrels.		Barrels.		Barrels.		Barrels.
23/12 1950	40,374	563.5	71.6	5/1 1952	111,061	1,175.9	94.4
30/12 "	147,339	1,538.5	95.8	12/1 "	190,208	1,659.0	114.7
6/1 1951	127,733	1,307.0	97.7	19/1 "	235,636	1,897.9	124.2
13/1 "	146,091	1,367.0	106.9	26/1 "	202,961	1,654.8	122.6
20/1 "	149,282	1,332.0	112.1	2/2 "	183,866	1,588.4	115.8
27/1 "	194,465	1,612.0	120.6	9/2 "	269,629	2,029.4	132.9
3/2 "	210,236	1,819.8	115.5	16/2 "	233,934	1,725.0	135.6
10/2 "	214,735	1,707.3	125.8	23/2 "	244,497	1,751.4	139.6
17/2 "	166,490	1,315.0	126.6	1/3 "	243,543	1,719.0	141.7
24/2 "	201,184	1,589.7	126.6	5/3 "	132,726	673.2	197.2
3/3 "	153,215	1,110.4	138.0				
9/3 "	153,026	1,024.5	149.4				
Total	1,904,170	16,286.7	116.9	Total	2,048,061	15,875.0	129.0

killed in Area II, while the remaining 24 per cent are divided rather equally over Areas III and V.

Table *m*, page 22, contains a summary of the number of whales killed by species in each area during the period 1934/35-1951/52. 39.66 per cent of the total blue-whale catch has been taken in Area III, while the largest number of fin-whales has been taken in Area II, viz. 79,774 animals or 37.96 per cent of the total fin-whale catch. 48.13 per cent of the humpbacks have been taken in Area IV, while 41.39 per cent of the sperm-whales have been killed in Area III.

Table *n*, page 23, gives a survey of the pelagic whaling results of the individual participating countries during the period 1937/38-1951/52.

### South Georgia.

The whaling results of the shore stations operating from South Georgia are given in table *o*, page 24.

3 shore stations with 21 catchers carried on whaling off South Georgia in 1951-52. The catch amounted to 2,662 whales, yielding an output of 142,593 barrels of oil, of which 136,176 barrels of whale oil and 6,417 barrels of sperm-oil. In 1950-51, with the same shore stations and the same number of catchers engaged, the total oil production was 151,192 barrels. It is especially the blue-whale catch which has failed in the season 1951-52. Only 6 blue-whales were killed against 82 in 1950-51, the lowest number of blue-whales ever recorded from this ground. The fin-whale catch, on

the other hand, shows an increase of 25 animals, while the number of sei-whales killed decreased by 21 animals compared to the previous season.

Tables *p* and *q*, pages 25 and 26, give the catch off South Georgia by months in absolute and percentage figures from and including 1938-39, and table *r*, page 27, shows the proportion of mature and immature animals killed.

The total whaling results in the Antarctic in the seasons 1937-38 until and including 1951-52 have in table *s*, pages 28 and 29, been distributed in respect to the individual participating countries. The percentage proportion of the oil production during the 3 last seasons was as follows:—

	Season 1949-50.	Season 1950-51.	Season 1951-52.
Norway .....	51.1 per cent	48.5 per cent	45.9 per cent
British Commonwealth ....	30.6 „ „	27.6 „ „	27.6 „ „
Japan .....	7.8 „ „	7.4 „ „	10.5 „ „
U.S.S.R. ....	4.8 „ „	4.8 „ „	6.0 „ „
Netherlands .....	3.8 „ „	4.5 „ „	4.4 „ „
Argentina .....	1.9 „ „	1.7 „ „	1.7 „ „
Panama .....	—	5.5 „ „	3.9 „ „

Table *t*, page 31, records the average output of oil per blue-whale unit for South Georgia and for the pelagic expeditions from 1924-25. For the shore stations on South Georgia the average yield of oil per blue-whale unit was 126.0 barrels in 1951-52, against 121.5 barrels in 1950-51. For the pelagic expeditions the average output increased from 117.3 barrels in 1950-51 to 129.4 barrels in 1951-52. The postponed opening day for the catch of baleen whales may to some extent account for the considerable increase in the output of oil of the pelagic expeditions, and also the raising of the minimum length limit for fin-whales from 55-60 ft. Another contributory cause is the extended use of superdecanters in the floating factories for extracting of oil from grax and glue water. The main cause seems, however, to be the fact that certain expeditions during the last season have caught exceptionally fat whales.

Table *u*, page 32, is recording the average *weekly* production per blue-whale unit for the pelagic expeditions during the last two seasons.

It will appear that the average yield per blue-whale unit is increasing as the whaling season proceeds, from 70-90 barrels in December to 140-150 barrels at the beginning of March. At the close of the season the floating factories are sounding their oil tanks for controlling purposes, and an eventual "surplus" will then be included in the production report of the last week of operation. For that reason the average production recorded

**Table v.—Production of by-products in the Antarctic whaling in the seasons 1945/46—1951/52.**

Seasons Countries	By-products	Whale	Blue-, sei-,	Liver- oil, vitamin oil	Liver meal	Meat extract, liver extract	Whale meat,	Whale solubles	Other by- products <sup>2)</sup>
		meat-meal, bone-meal, grax meal, guano, dehydrated whale meat	and sperm- whale liver or liver flakes, salted or frozen				blubber, ventral grooves. Frozen, salted, or canned		
		Long tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
1945-46 . . . . .	Total	13,191	575	6	38	—	—	—	16
1946-47 . . . . .	Total	19,302	671	79	380	104	21,914	—	33
<i>1947-48.</i>									
Norway . . . . .		5,484	637	17	75	7	—	—	—
United Kingdom . .		12,941	14	81	420	123	4,062	—	25
Union of S. Africa .		1,304	206	—	—	—	—	—	—
Netherlands . . . . .		—	37	—	—	—	69	—	14
U.S.S.R. . . . .		665	—	—	—	—	—	—	—
Japan . . . . .		—	—	14	—	—	25,931	—	1,192
Argentina . . . . .		4,066	24	—	—	8	—	—	—
	Total	24,460	918	112	495	138	30,062	—	1,231
<i>1948-49.</i>									
Norway . . . . .		4,957	632	56	81	10	20	—	12
United Kingdom . .		13,302	71	91	515	78	5,175	—	22
Union of S. Africa .		3,028	358	—	—	—	—	—	—
Netherlands . . . . .		—	29	—	—	—	69	—	—
U.S.S.R. . . . .		1,046	48	—	—	—	—	—	—
Japan . . . . .		—	—	19	—	—	34,371	—	2,089
Argentina . . . . .		4,459	35	—	—	—	—	—	4
	Total	26,792	1,173	166	596	88	39,635	—	2,127
<i>1949-50.</i>									
Norway . . . . .		5,164	345	106	48	17	17	779	184
United Kingdom . .		12,316	6	94	525	80	9,346	—	14
Union of S. Africa .		2,836	294	—	—	—	—	—	—
Netherlands . . . . .		—	11	6	—	—	—	—	1
U.S.S.R. . . . .		1,181	152	—	—	—	—	—	—
Japan . . . . .		—	—	44	—	—	37,461	—	1,333
Argentina . . . . .		4,355	9	—	—	—	—	—	—
	Total	25,852	817	250	573	97	46,824	779	1,532
<i>1950-51.</i>									
Norway . . . . .		4,622	392	120	56	—	—	1,040	—
United Kingdom . .		13,134	6	84	566	44	—	1,404	22
Union of S. Africa .		3,120	218	—	—	—	—	—	—
Netherlands . . . . .		—	—	7	—	—	—	—	—
U.S.S.R. . . . .		1,102	225	—	—	—	—	—	—
Japan . . . . .		—	—	28	—	—	28,389	—	924
Argentina . . . . .		3,843	—	—	—	—	—	—	—
Panama . . . . .		—	—	<sup>1)</sup> 25	—	—	—	—	—
	Total	25,821	841	264	622	44	28,389	2,444	946
<i>1951-52.</i>									
Norway . . . . .		3,879	415	84	46	—	—	659	—
United Kingdom . .		12,351	—	56	389	53	2,635	5,101	32
Union of S. Africa .		2,986	147	—	—	—	—	—	—
Netherlands . . . . .		—	—	12	—	—	—	—	6
U.S.S.R. . . . .		1,230	261	—	—	—	—	—	—
Japan . . . . .		—	—	43	—	—	25,664	—	769
Argentina . . . . .		3,670	—	—	—	—	—	—	14
Panama . . . . .		—	—	—	—	—	—	—	—
	Total	24,116	823	195	435	53	28,299	5,760	821

<sup>1)</sup> Calculated. <sup>2)</sup> Products such as: Finners, sinews, teeth, baleen, ambergris, pancreas, processed bone, bone fertilizer, protein, whale meat cakes, liver paste, whale hypophyses, internal organs.

for the last week of operation will generally be disproportionately high as compared with that of the previous weeks.

In table *v*, page 34, detailed information is given on the production of by-products in the Antarctic whaling. These data cover the post-war years 1945/46–1951/52.

During the season 1951–52 14,205 men were employed in the Antarctic whaling industry. Of these 7,934 were Norwegians, 3,041 Japanese, 1,002 British, 741 Russians, and 1,487 of other nationalities.

---

## INTERNATIONAL CONVENTION FOR THE REGULATION OF WHALING, OF 2<sup>ND</sup> DECEMBER 1946

### Schedule

as amended by the International Whaling Commission at its first meeting (in London 1949), at its second meeting (in Oslo 1950), at its third meeting (in Cape Town 1951), and at its fourth meeting (in London 1952), and subsequently brought into force.

1.—(a) There shall be maintained on each factory ship at least two inspectors of whaling for the purpose of maintaining twenty-four hour inspection. These inspectors shall be appointed and paid by the Government having jurisdiction over the factory ship.

(b) Adequate inspection shall be maintained at each land station. The inspectors serving at each land station shall be appointed and paid by the Government having jurisdiction over the land station.

2. It is forbidden to take or kill gray whales or right whales, except when the meat and products of such whales are to be used exclusively for local consumption by the aborigines.

3. It is forbidden to take or kill calves or suckling whales or female whales which are accompanied by calves or suckling whales.

4. It is forbidden to use a factory ship or a whale catcher attached thereto for the purpose of taking or treating baleen whales in any of the following areas:—

(a) in the waters north of 66° North Latitude except that from 150° East Longitude eastwards as far as 140° West Longitude the taking or killing of baleen whales by a factory ship or whale catcher shall be permitted between 66° North Latitude and 72° North Latitude;

(b) in the Atlantic Ocean and its dependent waters north of 40° South Latitude;

(c) in the Pacific Ocean and its dependent waters east of 150° West Longitude between 40° South Latitude and 35° North Latitude;

(d) in the Pacific Ocean and its dependent waters west of 150° West Longitude between 40° South Latitude and 20° North Latitude;

(e) in the Indian Ocean and its dependent waters north of 40° South Latitude.

5. It is forbidden to use a factory ship or a whale catcher attached thereto for the purpose of taking or treating baleen whales in the waters south of 40° South Latitude from 70° West Longitude westward as far as 160° West Longitude.

6. It is forbidden to use a factory ship or a whale catcher attached thereto for the purpose of taking or treating humpback whales in any waters south of 40° South Latitude; provided that in the pelagic whaling season for baleen whales 1953 the taking of humpback whales shall be permitted on the 1st, 2nd, and 3rd February and if the number of humpback whales taken on those three days is less than 1,250, the International Bureau of Whaling Statistics shall in their discretion specify one or more days later in the season on which further humpback whales may be taken, so as to bring the total up to a maximum of 1,250.\*

7.—(a) It is forbidden to use a factory ship or a whale catcher attached thereto for the purpose of taking or treating baleen whales in any waters south of 40° South Latitude, except during the period from 2nd January, to 7th April, following, both days inclusive.

(b) Each Contracting Government shall declare for all factory ships and whale catchers attached thereto under its jurisdiction, one continuous open season not to exceed eight months out of any period of twelve months during which the taking or treating of sperm whales by factory ships may be permitted; provided that a separate open season may be declared for each factory ship.

(c) Notwithstanding the above prohibition of treatment during a closed season, the treatment of whales which have been taken during the open season may be completed after the end of the open season.

8.—(a) The number of baleen whales taken during the open season caught in any waters south of 40° South Latitude by whale catchers attached to factory ships under the jurisdiction of the Contracting Governments shall not exceed sixteen thousand blue-whale units.

(b) For the purposes of sub-paragraph (a) of this paragraph, blue-whale units shall be calculated on the basis that one blue whale equals—

- (1) two fin whales or
- (2) two and a half humpback whales or
- (3) six sei whales.

(c) Notification shall be given in accordance with the provisions of Article VII of the Convention, within two days after the end of each calendar week, of data on the number of blue whale units taken in any waters south of 40° South Latitude by all whale catchers attached to factory ships under the jurisdiction of each Contracting Government; and in addition

---

\* The words underlined were adopted by the Commission at its fourth meeting in 1952, and came into force on 12th Sept. 1952.

notification of data on the number of humpback whales taken in pursuance of paragraph 6, including nil returns on days when no humpback whales are taken, shall be given at the end of each day on which the taking of humpback whales is permitted.\*

(d) If it should appear that the maximum catch of whales permitted by sub-paragraph (a) of this paragraph may be reached before 7th April, of any year, the Commission, or such other body as the Commission may designate, shall determine, on the basis of the data provided, the date on which the maximum catch of whales shall be deemed to have been reached and shall notify each Contracting Government of that date not less than two weeks in advance thereof. The taking of baleen whales by whale catchers attached to factory ships shall be illegal in any waters south of 40° South Latitude after midnight of the date so determined.

(e)† Notification shall be given in accordance with the provisions of Article VII of the Convention of each factory ship intending to engage in whaling operations in any waters south of 40° South Latitude.

9.—(a) It is forbidden to take or kill any blue, sei, or humpback whales below the following lengths:—

Blue whales 70 feet (21.3 metres),

Sei whales 40 feet (12.2 metres),

Humpback whales 35 feet (10.7 metres),

except that blue whales of not less than 65 feet (19.8 metres) and sei whales of not less than 35 feet (10.7 metres) in length may be taken for delivery to land stations, provided that the meat of such whales is to be used for local consumption as human or animal food.

(b) It is forbidden to take or kill any fin whales below 60 feet (18.3 metres) in length for delivery to factory ships or land stations in the Southern Hemisphere, and it is forbidden to take or kill fin whales below 55 feet (16.8 metres) for delivery to factory ships or land stations in the Northern Hemisphere; except that fin whales of not less than 55 feet (16.8 metres) may be taken for delivery to land stations in the Southern Hemisphere and fin whales of not less than 50 feet (15.2 metres) may be taken for delivery to land stations in the Northern Hemisphere provided in each case that the meat of such whales is to be used for local consumption as human or animal food.

(c) It is forbidden to take or kill any sperm whales below 38 feet (11.6 metres) in length, except that sperm whales of not less than 35 feet (10.7 metres) in length may be taken for delivery to land stations.

\* *Note (i).*—The words underlined were inserted by the Commission at its fourth meeting in 1952, and came into force on 12th Sept. 1952.

† *Note (ii).*—Paragraf (e) which followed in earlier copies was deleted by the Commission at its fourth meeting in 1952 and the deletion became effective on 12th Sept. 1952. Original paragraph (f) consequently becomes paragraph (e).

(d) Whales must be measured when at rest on deck or platform, as accurately as possible by means of a steel tape measure fitted at the zero end with a spiked handle which can be stuck into the deck planking abreast of one end of the whale. The tape measure shall be stretched in a straight line parallel with the whale's body and read abreast the other end of the whale. The ends of the whale, for measurement purposes, shall be the point of the upper jaw and the notch between the tail flukes. Measurements, after being accurately read on the tape measure, shall be logged to the nearest foot, that is to say, any whale between 75 feet 6 inches and 76 feet 6 inches shall be logged as 76 feet, and any whale between 76 feet 6 inches and 77 feet 6 inches shall be logged as 77 feet. The measurement of any whale which falls on an exact half foot shall be logged at the next half foot, e.g. 76 feet 6 inches precisely, shall be logged as 77 feet.

10.—(a) It is forbidden to use a land station under the jurisdiction of a Contracting Government, and whale catchers attached to such land station, for the purpose of taking or treating baleen and sperm whales except as permitted by the Contracting Government in accordance with sub-paragraph (b), (c), and (d) of this paragraph.

(b) Each Contracting Government shall declare for all land stations under its jurisdiction, and whale catchers attached to such land stations, one open season during which the taking or treating of baleen (excluding minke) whales shall be permitted. Such open season shall be for a period of not more than six consecutive months in any period of twelve months and shall apply to all land stations under the jurisdiction of a Contracting Government; provided that a separate open season may be declared for any land station used for the taking or treating of baleen (excluding minke) whales which is more than 1,000 miles from the nearest land station used for the taking or treating of baleen (excluding minke) whales under the jurisdiction of the same Contracting Government.

(c) Each Contracting Government shall declare for all land stations under its jurisdiction and for whale catchers attached to such land stations, one open season not to exceed eight continuous months in any one period of twelve months, during which the taking or treating of sperm whales shall be permitted, such period of eight months to include the whole of the period of six months declared for baleen whales as provided for in sub-paragraph (b) above; provided that a separate open season may be declared for any land station used for the taking or treating of sperm whales which is more than 1,000 miles from the nearest land station used for the taking or treating of sperm whales under the jurisdiction of the same Contracting Government.\*

---

\* *Note.*—This sub-paragraph 10 (c) came into force as from 21st February, 1952 in respect of all Contracting Governments, except the Commonwealth of Australia, who lodged an objection to it within the prescribed period, and this objection was not withdrawn. The provisions of this sub-paragraph are not therefore binding on the Commonwealth of Australia.



(d) Each Contracting Government shall declare for all land stations under its jurisdiction and for all whale catchers one open season not to exceed six continuous months in any period of twelve months during which the taking or treating of minke whales shall be permitted (such period not being necessarily concurrent with the period declared for other baleen whales, as provided for in sub-paragraph (b) above); provided that a separate open season may be declared for any land station used for the taking or treating of minke whales which is more than 1,000 miles from the nearest land station used for the taking or treating of minke whales under the jurisdiction of the same Contracting Government.

(e) Notwithstanding the provisions of sub-paragraphs (a), (b), (c), and (d) of this paragraph, the treatment of whales which have been taken during an open season may be completed after the end of such open season.

(f) The prohibitions contained in this paragraph shall apply to all land stations as defined in Article II of the Whaling Convention of 1946 and to all factory ships which are subject to the regulations governing the operation of land stations under the provisions of paragraph 17 of this Schedule.

11.—It is forbidden to use a factory ship which has been used during a season in any waters south of 40° South Latitude for the purpose of treating baleen whales, in any other area for the same purpose within a period of one year from the termination of that season.

12.—(a) All whales (except minke whales) taken shall be delivered to the factory ship or land station and all parts of such whales shall be processed by boiling or otherwise, except the internal organs, whale bone and flippers of all whales, the meat of sperm whales and of parts of whales intended for human food or feeding animals.

(b) Complete treatment of the carcasses of “Dauhval” and of whales used as fenders will not be required in cases where the meat or bone of such whales is in bad condition.

13.—(a) The taking of whales for delivery to a factory ship shall be so regulated or restricted by the master or person in charge of the factory ship that no whale carcass (except of a whale used as a fender, which shall be processed as soon as is reasonably practicable) shall remain in the sea for a longer period than thirty-three hours from the time of killing to the time when it is hauled up for treatment.

(b) Whales taken by all whale catchers, whether for factory ships or land stations, shall be clearly marked so as to identify the catcher and to indicate the order of catching.

(c) All whale catchers operating in conjunction with a factory ship shall report by radio to the factory ship:—

- (1) The time when each whale is taken,
- (2) its species, and

(3) its marking effected pursuant to sub-paragraph (b) of this paragraph.

(d) The information reported by radio pursuant to sub-paragraph (c) of this paragraph shall be entered immediately in a permanent record which shall be available at all times for examination by the whaling inspectors; and in addition there shall be entered in such permanent record the following information as soon as it becomes available:—

- (1) time of hauling up for treatment,
- (2) length, measured pursuant to sub-paragraph (d) of paragraph 9,
- (3) sex,
- (4) if female, whether milk-filled or lactating,
- (5) length and sex of foetus, if present, and
- (6) a full explanation of each infraction.

(e) A record similar to that described in sub-paragraph (d) of this paragraph shall be maintained by land stations, and all of the information mentioned in the said sub-paragraph shall be entered therein as soon as available.

14. Gunners and crews of factory ships, land stations, and whale catchers, shall be engaged on such terms that their remuneration shall depend to a considerable extent upon such factors as the species, size and yield of whales taken and not merely upon the number of the whales taken. No bonus or other remuneration shall be paid to the gunners or crews of whale catchers in respect of the taking of milk-filled or lactating whales.

15. Copies of all official laws and regulations relating to whales and whaling and changes in such laws and regulations shall be transmitted to the Commission.

16. Notification shall be given in accordance with the provisions of Article VII of the Convention with regard to all factory ships and land stations of statistical information (a) concerning the number of whales of each species taken, the number thereof lost, and the number treated at each factory ship or land station, and (b) as to the aggregate amounts of oil of each grade and quantities of meal, fertilizer (guano), and other products derived from them, together with (c) particulars with respect to each whale treated in the factory ship or land station as to the date and approximate latitude and longitude of taking, the species and sex of the whale, its length and, if it contains a foetus, the length and sex, if ascertainable, of the foetus. The data referred to in (a) and (c) above shall be verified at the time of the tally and there shall also be notification to the Commission of any information which may be collected or obtained concerning the calving grounds and migration routes of whales.

In communicating this information there shall be specified—

- (a) the name and gross tonnage of each factory ship;
- (b) the number and aggregate gross tonnage of the whale catchers;
- (c) a list of the land stations which were in operation during the period concerned.

17.—(a) A factory ship which operates solely within territorial waters in one of the areas specified in sub-paragraph (c) of this paragraph, by permission of the Government having jurisdiction over those waters, and which flies the flag of that Government shall, while so operating, be subject to the regulations governing the operation of land stations and not to the regulations governing the operation of factory ships.

(b) Such factory ship shall not, within a period of one year from the termination of the season in which she so operated, be used for the purpose of treating baleen whales in any of the other areas specified in sub-paragraph (c) of this paragraph or south of 40° South Latitude.

(c) The areas referred to in sub-paragraphs (a) and (b) are:—

(1) On the coast of Madagascar and its dependencies:

(2) On the west coasts of French Africa:

(3) On the coasts of Australia, namely on the whole east coast and on the west coast in the area known as Shark Bay and northward to Northwest Cape and including Exmouth Gulf and King George's Sound, including the Port of Albany.\*

18. The following expressions have the meanings respectively assigned to them, that is to say:—

“ baleen whale ” means any whale which has baleen or whale bone in the mouth, i.e., any whale other than a toothed whale,

“ blue whale ” (*Balaenoptera or Sibbaldus musculus*) means any whale known by the name of blue whale, Sibbald's rorqual, or sulphur bottom,

“ dauhval ” means any unclaimed dead whale found floating,

“ fin whale ” (*Balaenoptera physalus*) means any whale known by the name of common finback, common rorqual, finback, finner, fin whale, herring whale, razorback, or true fin whale,

“ gray whale ” (*Rhachianectes glaucus*) means any whale known by the name of gray whale, California gray, devil fish, hard head, mussel digger, gray back, or rip sack,

“ humpback whale ” (*Megaptera nodosa or novaeangliae*) means any whale known by the name of bunch, humpback, humpback whale, hump-backed whale, hump whale, or hunchbacked whale,

---

\* Note.—This paragraph 17 was inserted by the Commission at its first meeting in 1949, and came into force on 11th January, 1950 as regards all Contracting Governments except FRANCE, who therefore remain bound by the provisions of the original paragraph 17, which reads as follows:—

17. Notwithstanding the definition of land station contained in Article II of the Convention, a factory ship operating under the jurisdiction of a Contracting Government, and the movements of which are confined solely to the territorial waters of that Government shall be subject to the regulations governing the operation of land stations within the following areas:—

(a) on the coast of Madagascar and its dependencies, and on the west coasts of French Africa;

(b) on the west coast of Australia in the area known as Shark Bay and northward to Northwest Cape and including Exmouth Gulf and King George's Sound, including the port of Albany; and on the east coast of Australia, in Twofold Bay and Jervis Bay.

“ minke whale ” (*Balaenoptera acutorostrata*, *B. Davidsoni*, *B. huttoni*) means any whale known by the name of lesser rorqual, little piked whale, minke whale, pike-headed whale, or sharp headed finner,

“ right whale ” (*Balaena mysticetus*; *Eubalaena glacialis*, *E. australis*, etc.; *Neobalaena marginata*) means any whale known by the name of Atlantic right whale, Arctic right whale, Biscayan right whale, bowhead, great polar whale, Greenland right whale, Greenland whale, Nordkaper, North Atlantic right whale, North Cape whale, Pacific right whale, pigmy right whale, Southern pigmy right whale, or Southern right whale,

“ sei whale ” (*Balaenoptera borealis*) means any whale known by the name of sei whale, Rudolphi’s rorqual, pollack whale, or coalfish whale and shall be taken to include Bryde’s whale (*B. brydei*),

“ sperm whale ” (*Physeter catodon*) means any whale known by the name of sperm whale, spermacet whale, cachalot, or pot whale,

“ toothed whale ” means any whale which has teeth in the jaws.

---



Table No. 1.—Whaling in the Antarctic in the season 1951/52.

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia . . . . .	6	2,007	10	498	141	2,662	142,593	3	—	21
Antarctic, pelagic whaling . . . . .	5,124	20,520	1,546 <sup>2)</sup>	41	5,344	32,575	2,334,805	—	20	270
Total	5,130	22,527	1,556	539	5,485	35,237	2,477,398	3	20	291

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{6}$  long ton, 1 long ton = 1,016 kg.)

<sup>2)</sup> Including 9 Minke-whales.

Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1951/52.

Countries. Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Norway:—							Barrels <sup>1)</sup>			
South Georgia . . . . .	1	673	1	184	28	887	48,558	1	—	7
Antarctic, pelagic	2,091	9,691	668	21	2,292	14,763	1,088,085	—	10	132
British Commonwealth:—										
South Georgia . . . . .	3	767	4	159	44	977	52,210	1	—	7
Antarctic, pelagic	1,762	4,658	454	7	1,574	8,455	632,224	—	4	63
Of which: United Kingdom:—										
South Georgia . . . . .	3	767	4	159	44	977	52,210	1	—	7
Antarctic, pel. . . . .	1,149	3,147	446	7	1,212	5,961	446,262	—	3	47
Union of S.Africa:—										
Antarctic, pel. . . . .	613	1,511	8	—	362	2,494	185,962	—	1	16
Japan:—										
Antarctic, pelagic	231	2,602	37	—	961	3,831	259,476	—	3	32
U.S.S.R.:—										
Antarctic, pelagic	191	1,951	175	<sup>2)</sup> 12	139	2,468	147,647	—	1	15
The Netherlands:—										
Antarctic, pelagic	425	718	150	—	357	1,650	110,300	—	1	12
Panama:—										
Antarctic, pelagic	424	900	62	1	21	1,408	97,073	—	1	16
Argentina:—										
South Georgia . . . . .	2	567	5	155	69	798	41,825	1	—	7
Total	5,130	22,527	1,556	539	5,485	35,237	2,477,398	3	20	291

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{6}$  long ton, 1 long ton = 1,016 kg.)

<sup>2)</sup> Including 9 Minke-whales.

**Table No. 3.—Average size of whales caught in the Antarctic  
in the season 1951/52.**

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b>Blue-whales.</b>				
		Engl. feet.	Engl. feet.	Engl. feet.
<i>South Georgia</i> .....	No. 1	70.00	75.50	73.67
Males 2 } Total 6.	" 2	71.00	70.00	70.50
Females 4 }	" 3	—	70.00	70.00
Average		70.50	72.75	72.00
<i>Antarctic, pelagic whaling</i> .....	No. 1	78.18	82.31	80.28
Males 2,458 } Total 5,101.	" 2	77.89	80.68	79.44
Females 2,643 }	" 3	76.36	81.55	79.24
	" 4	76.75	80.91	79.21
	" 5	77.86	80.09	78.71
	" 6	76.98	79.91	78.67
	" 7	76.43	80.43	78.36
	" 8	76.39	80.40	78.34
	" 9	76.66	79.09	77.99
	" 10	76.71	79.27	77.93
	" 11	76.53	79.17	77.92
	" 12	76.00	79.62	77.80
	" 13	75.61	78.87	77.34
	" 14	75.71	78.63	77.18
	" 15	75.11	79.27	77.13
	" 16	75.47	78.32	76.88
	" 17	74.57	78.33	76.58
	" 18	75.74	76.62	76.15
	" 19	73.77	76.76	75.32
Average		76.42	79.53	78.03
<b>Fin-whales.</b>				
<i>South Georgia</i> .....	No. 1	64.78	67.47	66.28
Males 923 } Total 1,977.	" 2	64.49	67.00	65.82
Females 1,054 }	" 3	64.22	67.34	65.81
Average		64.50	67.26	65.97
<i>Antarctic, pelagic whaling</i> .....	No. 1	67.47	70.53	69.17
Males 10,520 } Total 20,312.	" 2	67.22	70.85	68.87
Females 9,792 }	" 3	67.02	69.77	68.42
	" 4	66.75	69.88	68.27
	" 5	66.40	70.05	68.21
	" 6	66.91	69.65	68.17
	" 7	66.70	69.59	67.98
	" 8	66.01	69.88	67.85
	" 9	66.38	69.50	67.78
	" 10	66.53	69.01	67.77
	" 11	66.29	69.37	67.64
	" 12	66.07	69.63	67.63
	" 13	65.69	69.61	67.61
	" 14	66.03	68.73	67.47
	" 15	65.67	69.33	67.46
	" 16	66.33	68.99	67.43
	" 17	65.32	68.98	67.17
	" 18	66.19	67.54	66.88
	" 19	65.22	68.29	66.88
Average		66.41	69.41	67.86

Table No 3. (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b><u>Humpbacks.</u></b>				
<i>South Georgia</i> ..... Males 3 } Total 10. Females 7 }	No. 1	35.00	45.00	42.50
	" 2	42.00	—	42.00
	" 3	38.00	37.00	37.20
	Average	38.33	40.43	39.80
<i>Antarctic, pelagic whaling</i> ..... Males 710 } Total 1,532. Females 822 }	No. 1	39.50	44.83	43.50
	" 2	45.00	42.00	43.50
	" 3	41.88	43.87	42.84
	" 4	42.92	42.38	42.56
	" 5	41.27	42.83	42.16
	" 6	39.97	43.54	41.99
	" 7	41.00	42.42	41.92
	" 8	44.17	41.50	40.78
	" 9	41.25	42.05	41.70
	" 10	37.59	42.62	40.80
	" 11	39.00	41.00	40.60
	" 12	40.00	—	40.00
	" 13	38.24	40.09	39.27
	" 14	38.08	39.66	38.81
Average	39.30	41.39	40.42	
<b><u>Sei-whales.</u></b>				
<i>South Georgia</i> ..... Males 213 } Total 496. Females 283 }	No. 1	49.18	52.44	50.85
	" 2	48.65	51.69	50.47
	" 3	48.41	51.43	50.21
Average	48.76	51.80	50.49	
<i>Antarctic, pelagic whaling</i> ..... Males 14 } Total 31. Females 17 }	No. 1	52.00	—	52.00
	" 2	49.63	52.78	51.29
	" 3	50.33	52.00	51.29
	" 4	—	51.00	51.00
	" 5	49.00	50.00	49.50
	" 6	49.00	49.50	49.33
Average	49.86	51.94	51.00	
<b><u>Sperm-whales.</u></b>				
<i>South Georgia</i> ..... Males 141	No. 1	49.46	—	49.46
	" 2	48.30	—	48.30
	" 3	47.46	—	47.46
Average	48.12	—	48.12	



Table No. 3.—(continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet	Engl. feet	Engl. feet
<i>Antarctic, pelagic whaling</i> . . . . .	No. 1	51.03	—	51 03
Males 5,327.	" 2	50.99	—	50.99
	" 3	50.89	—	50.89
	" 4	50.81	—	50.81
	" 5	50.52	—	50.52
	" 6	50.42	—	50.42
	" 7	50.23	—	50.23
	" 8	50.20	—	50.20
	" 9	50.16	—	50.16
	" 10	49.95	—	49.95
	" 11	49.76	—	49.76
	" 12	49.51	—	49 51
	" 13	49.50	—	49.50
	" 14	49.38	—	49.38
	" 15	49.36	—	49.36
	" 16	49.24	—	49 24
	" 17	49.21	—	49.21
	" 18	49.05	—	49.05
	" 19	48.64	—	48.64
	" 20	48.00	—	48.00
	Average	49.93	—	49.93

Table No. 4.—Whales caught in the Antarctic in the season 1951/52, by species, sex and size.

## Total Antarctic.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
57	—	1	1	81	133	97	230
58	1	—	1	82	149	105	254
59	1	1	2	83	112	106	218
60	4	1	5	84	60	120	180
61	2	3	5	85	80	163	243
62	6	5	11	86	35	105	140
63	11	5	16	87	22	126	148
64	7	7	14	88	9	96	105
65	21	18	39	89	2	66	68
66	22	15	37	90	2	99	101
67	29	10	39	91	—	40	40
68	31	20	51	92	—	30	30
69	3	11	14	93	—	20	20
70	183	154	337	94	—	10	10
71	163	127	290	95	—	12	12
72	140	135	275	96	—	6	6
73	156	132	288	97	—	1	1
74	154	122	276				
75	189	134	323	Sum	2,460	2,647	5,107
76	134	117	251	Average size {			
77	140	114	254				
78	150	105	255	Per cent {			
79	97	72	169				
80	212	136	348				

Males: 76.41 feet  
 Females: 79.52 "  
 Total animals: 78.02 "  
 Males: 48.17  
 Females: 51.83

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	1	-	1	71	521	799	1,320
49	-	1	1	72	292	902	1,194
50	1	-	1	73	146	835	981
51	6	2	8	74	75	756	831
52	9	9	18	75	29	676	705
53	10	9	19	76	17	451	468
54	23	18	41	77	3	233	236
55	42	41	83	78	1	168	169
56	42	55	97	79	-	64	64
57	71	52	123	80	-	59	59
58	61	47	108	81	-	15	15
59	40	25	65	82	-	2	2
60	536	410	946	83	-	3	3
61	450	362	812	84	-	2	2
62	522	403	925	Sum	11,443	10,846	22,289
63	599	413	1,012	Average size	Males: 66.26 feet Females: 69.20 " Total animals: 67.69 "		
64	836	403	1,239	Per cent	Males: 51.34 Females: 48.66		
65	1,073	479	1,552				
66	1,238	514	1,752				
67	1,353	552	1,905				
68	1,288	561	1,849				
69	1,024	608	1,632				
70	1,134	917	2,051				

## Humpbacks.

27	-	2	2	44	32	72	104
28	2	-	2	45	26	72	98
29	1	1	2	46	10	57	67
30	2	1	3	47	6	32	38
31	1	5	6	48	1	25	26
32	7	5	12	49	1	10	11
33	13	8	21	50	-	6	6
34	2	3	5	51	-	3	3
35	87	64	151	52	-	2	2
36	55	39	94	Sum	713	829	1,542
37	50	33	83	Average size	Males: 39.30 feet Females: 41.38 " Total animals: 40.42 "		
38	56	41	97	Per cent	Males: 46.24 Females: 53.76		
39	73	59	132				
40	97	74	171				
41	85	64	149				
42	68	72	140				
43	38	79	117				

Table No. 4 (continued).

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
42	2	4	6	55	-	19	19
43	-	2	2	56	-	5	5
44	4	-	4	57	-	5	5
45	8	1	9	58	-	4	4
46	9	5	14	62	-	1	1
47	29	10	39	Sum	227	300	527
48	37	12	49	Average size	{	Males:	48.82 feet
49	61	16	77			Females:	51.81 "
50	33	31	64			Total animals:	50.52 "
51	23	37	60			Per cent	{
52	16	51	67	Females:	56.93		
53	4	48	52				
54	1	49	50				

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
35	1	51	678
36	2	52	669
40	5	53	502
41	19	54	293
42	38	55	153
43	58	56	61
44	136	57	20
45	188	58	3
46	271	Sum	5,468
47	382	Average size:	Males: 49.89 feet.
48	521		
49	612		
50	856		

## a. South Georgia.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	{	Males:	70.50 feet		
	males.	females.							
70	1	2	3					Females:	72.75 "
71	1	-	1					Total animals:	72.00 "
72	-	1	1	Per cent	{	Males:	33.33		
79	-	1	1					Females:	66.67
Sum	2	4	6						

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
51	—	1	1	70	56	73	129		
52	—	1	1	71	19	68	87		
53	1	3	4	72	12	68	80		
54	4	3	7	73	4	51	55		
55	8	14	22	74	4	74	78		
56	6	10	16	75	1	41	42		
57	5	7	12	76	—	36	36		
58	9	5	14	77	—	13	13		
59	4	6	10	78	—	10	10		
60	126	110	236	79	—	2	2		
61	95	66	161	80	—	3	3		
62	61	58	119	Sum	923	1,054	1,977		
63	56	50	106	Average size { Males: 64.50 feet Females: 67.26 " Total animals: 65.97 "  Per cent { Males: 46.69 Females: 53.31					
64	81	49	130						
65	76	42	118						
66	89	44	133						
67	69	50	119						
68	87	41	128						
69	50	55	105						

## Humpbacks.

Engl. feet.	Number of		Total animals.	Average size { Males: 38.33 feet Females: 40.43 " Total animals: 39.80 "
	males.	females.		
35	1	2	3	Per cent { Males: 30.00 Females: 70.00
38	1	1	2	
40	—	2	2	
42	1	—	1	
45	—	1	1	
50	—	1	1	
Sum	3	7	10	

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
42	2	4	6	55	—	17	17		
43	—	2	2	56	—	5	5		
44	4	—	4	57	—	5	5		
45	8	1	9	58	—	4	4		
46	9	5	14	62	—	1	1		
47	28	9	37	Sum	213	283	496		
48	35	12	47	Average size { Males: 48.76 feet Females: 51.80 " Total animals: 50.49 "  Per cent { Males: 42.94 Females: 57.06					
49	58	15	73						
50	29	29	58						
51	22	35	57						
52	14	48	62						
53	3	43	46						
54	1	48	49						

Table No. 4 (continued).

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
35	1	49	16
36	2	50	12
37	-	51	7
38	-	52	10
39	-	53	8
40	-	54	5
41	1	55	3
42	-	56	-
43	5	57	1
44	10	Sum	141
45	10		
46	13		
47	19	Average size:	
48	18	Males: 48.12 feet.	

## b. Antarctic, pelagic whaling.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
57	-	1	1	82	149	105	254
58	1	-	1	83	112	106	218
59	1	1	2	84	60	120	180
60	4	1	5	85	80	163	243
61	2	3	5	86	35	105	140
62	6	5	11	87	22	126	148
63	11	5	16	88	9	96	105
64	7	7	14	89	2	66	68
65	21	18	39	90	2	99	101
66	22	15	37	91	-	40	40
67	29	10	39	92	-	30	30
68	31	20	51	93	-	20	20
69	3	11	14	94	-	10	10
70	182	152	334	95	-	12	12
71	162	127	289	96	-	6	6
72	140	134	274	97	-	1	1
73	156	132	288	Sum	2,458	2,643	5,101
74	154	122	276				
75	189	134	323	Average size	Males: 76.42 feet		
76	134	117	251		Females: 79.53 "		
77	140	114	254		Total animals: 78.03 "		
78	150	105	255	Per cent	Males: 48.19		
79	97	71	168		Females: 51.81		
80	212	136	348				
81	133	97	230				

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
48	1	—	1	71	502	731	1,233	
49	—	1	1	72	280	834	1,114	
50	1	—	1	73	142	784	926	
51	6	1	7	74	71	682	753	
52	9	8	17	75	28	635	663	
53	9	6	15	76	17	415	432	
54	19	15	34	77	3	220	223	
55	34	27	61	78	1	158	159	
56	36	45	81	79	—	62	62	
57	66	45	111	80	—	56	56	
58	52	42	94	81	—	15	15	
59	36	19	55	82	—	2	2	
60	410	300	710	83	—	3	3	
61	355	296	651	84	—	2	2	
62	461	345	806	Sum	10,520	9,792	20,312	
63	543	363	906	Average size { Males: 66.41 feet Females: 69.41 " Total animals: 67.86 "  Per cent { Males: 51.79 Females: 48.21				
64	755	354	1,109					
65	997	437	1,434					
66	1,149	470	1,619					
67	1,284	502	1,786					
68	1,201	520	1,721					
69	974	553	1,527					
70	1,078	844	1,922					

## Humpbacks.

27	—	2	2	44	32	72	104	
28	2	—	2	45	26	71	97	
29	1	1	2	46	10	57	67	
30	2	1	3	47	6	32	38	
31	1	5	6	48	1	25	26	
32	7	5	12	49	1	10	11	
33	13	8	21	50	—	5	5	
34	2	3	5	51	—	3	3	
35	86	62	148	52	—	2	2	
36	55	39	94	Sum	710	822	1,532	
37	50	33	83	Average size { Males: 39.30 feet. Females: 41.39 " Total animals: 40.42 "  Per cent { Males: 46.34 Females: 53.66				
38	55	40	95					
39	73	59	132					
40	97	72	169					
41	85	64	149					
42	67	72	139					
43	38	79	117					

Table No. 4 (continued).

## Sei-whales.

Engl. feet.	Number of		Total animals.
	males.	females.	
47	1	1	2
48	2	—	2
49	3	1	4
50	4	2	6
51	1	2	3
52	2	3	5
53	1	5	6
54	—	1	1
55	—	2	2
Sum	14	17	31

Average size { Males: 49.86 feet.  
Females: 51.94 „  
Total animals: 51.00 „

Per cent { Males: 45.16  
Females: 54.84

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
40	5	52	659
41	18	53	494
42	38	54	288
43	53	55	150
44	126	56	61
45	178	57	19
46	258	58	3
47	363	Sum	5,327
48	503	Average size:	
49	596	Males: 49.93 feet.	
50	844		
51	671		

**Table No. 5.—Whales caught in the Antarctic in the season 1951/52,  
by species, sex and groups of size.**

**Total Antarctic.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	572	11.20
" 2. (71 feet to and incl. 85 feet) .....	3,854	75.47
" 3. (above 85 feet).....	681	13.33
	5,107	100.00
Immature males .....	780	31.71
" females .....	1,018	38.46
" animals .....	1,798	35.21
Mature males .....	1,680	68.29
" females .....	1,629	61.54
" animals .....	3,309	64.79

**Fin-whales.**

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	172	0.77
" 2. (56 feet to and incl. 65 feet).....	6,879	30.86
" 3. (above 65 feet).....	15,238	68.37
	22,289	100.00
Immature males.....	1,814	15.85
" females.....	2,250	20.74
" animals.....	4,064	18.23
Mature males .....	9,629	84.15
" females.....	8,596	79.26
" animals .....	18,225	81.77

**a. South Georgia.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	3	50.00
" 2. (71 feet to and incl. 85 feet).....	3	50.00
" 3. (above 85 feet).....	—	—
	6	100.00
Immature males.....	2	100.00
" females .....	3	75.00
" animals.....	5	83.33
Mature males .....	—	—
" females .....	1	25.00
" animals .....	1	16.67



Table No. 5 (continued).

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	35	1.77
„ 2. (56 feet to and incl. 65 feet) .....	922	46.64
„ 3. (above 65 feet) .....	1,020	51.59
	1,977	100.00
Immature males .....	319	34.56
„ females .....	383	36.34
„ animals .....	702	35.51
Mature males .....	604	65.44
„ females .....	671	63.66
„ animals .....	1,275	64.49

## b. Antarctic, pelagic whaling.

## Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less) .....	569	11.15
„ 2. (71 feet to and incl. 85 feet) .....	3,851	75.50
„ 3. (above 85 feet) .....	681	13.35
	5,101	100.00
Immature males .....	778	31.65
„ females .....	1,015	38.40
„ animals .....	1,793	35.15
Mature males .....	1,680	68.35
„ females .....	1,628	61.60
„ animals .....	3,308	64.85

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	137	0.67
„ 2. (56 feet to and incl. 65 feet) .....	5,957	29.33
„ 3. (above 65 feet) .....	14,218	70.00
	20,312	100.00
Immature males .....	1,495	14.21
„ females .....	1,867	19.07
„ animals .....	3,362	16.55
Mature males .....	9,025	85.79
„ females .....	7,925	80.93
„ animals .....	16,950	83.45

**Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1951/52.**

Other whales are reduced to blue-whale equivalents on the following basis:—  
1 blue-whale = 2 fin-whales =  $2\frac{1}{2}$  humpbacks = 6 sei-whales.

Geographical areas.	Company.	Blue-whale equivalents. <sup>1)</sup>	Oil production.	
			Total.	Per blue-whale equivalent.
<i>South Georgia</i> .....	No. 1	368.5	47,077	127.8
	„ 2	399.3	50,203	125.7
	„ 3	313.3	38,896	124.1
	Average	—	—	126.0
<i>Antarctic, pelagic whaling</i> .....	No. 1	766.3	118,972	155.3
	„ 2	809.2	117,556	145.3
	„ 3	677.5	98,209	145.0
	„ 4	552.8	77,602	140.4
	„ 5	932.0	130,152	139.6
	„ 6	607.7	83,285	137.0
	„ 7	709.3	95,576	134.7
	„ 8	835.0	111,471	133.5
	„ 9	1,074.9	141,301	131.5
	„ 10	877.4	113,202	129.0
	„ 11	923.4	118,422	128.2
	„ 12	550.0	70,106	127.5
	„ 13	1,136.9	144,317	126.9
	„ 14	445.8	55,878	125.3
	„ 15	667.4	83,122	124.5
	„ 16	1,358.2	166,422	122.5
	„ 17	1,229.0	140,294	114.2
	„ 18	833.1	93,000	111.6
	„ 19	889.1	95,946	107.9
Average	—	—	—	129.4

<sup>1)</sup> This refers to whales worked up. <sup>2)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{6}$  long ton. 1 long ton = 1,016 kg.)

**Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1951/52.**

**Blue-whale females.**

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of foetuses measured .....
67	1	84	71	of which twin pairs.....
70	1	85	91	
71	3	86	57	Total number of blue-whale females measured 2,647, of which pregnant animals 767, or 28.98 per cent.
72	3	87	67	
73	1	88	57	
74	4	89	43	
75	5	90	58	
76	8	91	23	Total number of mature blue-whale females (above 76 feet) measured 1,629, of which pregnant animals 741, or 45.49 per cent.
77	17	92	14	
78	18	93	13	
79	16	94	4	
80	39	95	4	
81	40	96	3	
82	52			
83	54	Total	767	

Table No. 7 (continued).

## Fin-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of fetuses measured . . . . .
Engl. feet.		Engl. feet.		
60	1	74	417	4,017
61	2	75	372	of which twin pairs . . . . . 41
62	13	76	247	" " triplets . . . . . 1
63	23	77	123	" " quadruplets . . . . . 1
64	44	78	81	Length of fetus not stated 7
65	57	79	35	Total number of fin-whale females measured 10,846, of which pregnant animals 3,978, or 36.68 per cent.
66	94	80	29	
67	152	81	6	
68	217	82	1	Total number of mature fin-whale females (above 64 feet) measured 8,596, of which pregnant animals 3,895, or 45.31 per cent.
69	263	83	-	
70	446	84	2	
71	427			
72	477			
73	449	Total	3,978	

## Humpback females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of fetuses measured . . . . .
Engl. feet.		Engl. feet.		
37	3	46	25	229
38	4	47	13	Total number of humpback females measured 829, of which pregnant animals 229, or 27.62 per cent.
39	6	48	9	
40	22	49	4	Total number of mature humpback females (above 40 feet) measured 494, of which pregnant animals 194, or 39.27 per cent.
41	19	50	4	
42	27	51	3	
43	33	52	1	
44	27			
45	29	Total	229	

## Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of fetuses measured . . . . .
47	2	55	10	
48	3	56	3	of which twin pairs . . . . . 5
49	3	57	2	
50	11	58	2	
51	13	62	1	
52	26			
53	27	Total	122	
54	19			

**Table No. 8.—Whale fetuses measured in the Antarctic in the season 1951/52, by species and groups of size, in each month.**

Blue-whale fetuses.				
Groups of size. Engl. feet.	Jan.	Febr.	March	Total
Less than 1' .....	1	—	—	1
1'—1' 11" .....	2	—	—	2
2'—2' 11" .....	6	4	—	10
3'—3' 11" .....	21	6	—	27
4'—4' 11" .....	21	11	—	32
5'—5' 11" .....	29	12	—	41
6'—6' 11" .....	35	14	—	49
7'—7' 11" .....	30	20	1	51
8'—8' 11" .....	40	36	4	80
9'—9' 11" .....	41	21	4	66
10'—10' 11" .....	47	40	7	94
11'—11' 11" .....	17	27	2	46
12'—12' 11" .....	17	37	4	58
13'—13' 11" .....	11	30	4	45
14'—14' 11" .....	12	27	4	43
15'—15' 11" .....	8	24	1	33
16'—16' 11" .....	4	22	3	29
17'—17' 11" .....	4	15	2	21
18'—18' 11" .....	2	22	5	29
19'—19' 11" .....	1	2	1	4
20'—20' 11" .....	—	12	2	14
21'—21' 11" .....	—	2	—	2
22'—22' 11" .....	—	3	—	3
23'—23' 11" .....	—	3	—	3
Total blue-whale fetuses .....	349	390	44	783
Average size of fetuses .....	8' 5"	11' 9"	12' 11"	10' 4"

**Fin-whale fetuses.**

Groups of size. Engl. feet.	Oct.	Nov.	Dec.	Jan.	Febr.	March	April	Total
Less than 1' .....	—	—	—	9	—	—	—	9
1'—1' 11" .....	1	4	—	49	19	2	—	75
2'—2' 11" .....	3	9	7	88	50	6	—	163
3'—3' 11" .....	1	11	6	138	76	9	—	241
4'—4' 11" .....	—	12	6	149	117	11	—	295
5'—5' 11" .....	—	15	6	181	126	19	—	347
6'—6' 11" .....	—	4	5	237	161	21	—	428
7'—7' 11" .....	—	—	4	205	146	12	—	367
8'—8' 11" .....	—	—	3	228	153	13	—	397
9'—9' 11" .....	—	—	1	166	188	15	—	370
10'—10' 11" .....	—	—	—	145	180	23	—	348
11'—11' 11" .....	—	—	—	82	157	12	—	251
12'—12' 11" .....	—	—	—	50	210	26	—	286
13'—13' 11" .....	—	—	—	25	98	18	—	141
14'—14' 11" .....	—	—	1	12	100	21	—	134
15'—15' 11" .....	—	—	—	4	59	19	—	82
16'—16' 11" .....	—	—	—	—	30	11	—	41
17'—17' 11" .....	—	—	—	2	14	9	1	26
18'—18' 11" .....	—	—	—	—	9	8	—	17
19'—19' 11" .....	—	—	—	1	1	3	—	5
20'—20' 11" .....	—	—	—	—	—	—	—	—
21'—21' 11" .....	—	—	—	—	—	1	—	1
Total fin-whale fetuses .....	5	55	39	1,771	1,894	259	1	4,024
Average size of fetuses .....	2' 1"	3' 9"	4' 11"	6' 10"	9' 0"	10' 5"	17' 0"	8' 0"

Table No. 8 (continued).

Humpback foetuses.			
Groups of size.	Jan.	Febr.	Total.
Engl. feet.			
Less than 1'.....	-	-	-
1'—1' 11".....	-	26	26
2'—2' 11".....	-	56	56
3'—3' 11".....	1	71	72
4'—4' 11".....	-	61	61
5'—5' 11".....	-	8	8
6'—6' 11".....	-	4	4
7'—7' 11".....	-	1	1
8'—8' 11".....	-	-	-
9'—9' 11".....	-	1	1
Total humpback foetuses.....	1	228	229
Average size of foetuses.....	3'0"	3'0"	3'0"

Sei-whale foetuses.						
Groups of size	Nov.	Jan.	Febr.	March.	April.	Total.
Engl. feet.						
Less than 2'.....	-	-	-	-	-	-
2'—2' 11".....	-	1	2	-	-	3
3'—3' 11".....	-	1	2	-	-	3
4'—4' 11".....	1	1	1	-	-	3
5'—5' 11".....	-	-	9	3	-	12
6'—6' 11".....	-	5	5	1	-	11
7'—7' 11".....	-	5	12	-	-	17
8'—8' 11".....	-	1	14	1	1	17
9'—9' 11".....	-	1	7	4	1	13
10'—10' 11".....	-	3	8	4	-	15
11'—11' 11".....	-	-	7	1	2	10
12'—12' 11".....	-	1	4	4	3	12
13'—13' 11".....	-	-	-	3	1	4
14'—14' 11".....	-	-	-	3	1	4
15'—15' 11".....	-	-	-	-	2	2
17'—17' 11".....	-	-	-	-	1	1
Total sei-whale foetuses.....	1	19	71	24	12	127
Average size of foetuses.....	4'0"	7'0"	7'9"	10'3"	12'5"	8'6"

Table No. 9.—Whale foetuses measured in the Antarctic in the season 1951/52, by species and sex, in each month.

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
<b>Blue-whale foetuses.</b>					
January.....	177	172	-	349	102.91
February.....	198	192	-	390	103.13
March.....	26	18	-	44	144.44
Total	401	382	-	783	104.97

Table No. 9 (continued).

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
<b>Fin-whale foetuses.</b>					
October .....	3	2	-	5	150.00
November .....	30	24	1	55	125.00
December .....	16	23	-	39	69.57
January .....	880	886	5	1,771	99.32
February .....	953	940	1	1,894	101.38
March .....	130	129	-	259	100.78
April .....	1	-	-	1	-
Total	2,013	2,004	7	4,024	100.45
<b>Humpback foetuses.</b>					
January .....	1	-	-	1	-
February .....	100	127	1	228	78.74
Total	101	127	1	229	79.53
<b>Sei-whale foetuses.</b>					
November .....	-	1	-	1	-
January .....	10	9	-	19	111.11
February .....	38	33	-	71	115.15
March .....	14	10	-	24	140.00
April .....	4	8	-	12	50.00
Total	66	61	-	127	108.20

Table No. 10.—Whale fetuses measured in the Antarctic in the season 1951/52.

## Blue-whale fetuses.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>2</sup> / <sub>1</sub> 52	79	4' 0"	F	<sup>4</sup> / <sub>1</sub> 52	78	5' 0"	M	<sup>8</sup> / <sub>1</sub> 52	85	13' 6"	F
" "	81	4' 3"	F	" "	91	5' 0"	M	" "	87	13' 0"	M
" "	83	4' 0"	M	" "	87	6' 0"	F	" "	81	7' 0"	F
" "	89	4' 0"	M	" "	91	6' 0"	M	<sup>9</sup> / <sub>1</sub> "	82	7' 0"	M
" "	78	5' 0"	M	" "	82	7' 0"	F	" "	90	7' 0"	F
" "	84	5' 6"	M	" "	84	7' 0"	M	" "	87	15' 0"	F
" "	89	5' 0"	F	" "	90	7' 0"	F	<sup>10</sup> / <sub>1</sub> "	84	3' 0"	F
" "	92	5' 0"	M	" "	85	8' 0"	F	" "	83	4' 3"	M
" "	73	6' 0"	F	" "	77	9' 0"	F	" "	82	6' 0"	F
" "	80	6' 0"	M	" "	83	9' 0"	M	" "	83	9' 0"	M
" "	80	6' 0"	F	" "	91	9' 0"	M	" "	83	11' 0"	M
" "	81	6' 0"	M	" "	87	10' 0"	M	<sup>11</sup> / <sub>1</sub> "	86	5' 0"	M
" "	84	6' 0"	M	<sup>3</sup> / <sub>1</sub> "	85	3' 0"	M	" "	85	6' 0"	M
" "	84	6' 6"	M	" "	85	3' 0"	M	" "	82	7' 0"	M
" "	85	6' 0"	F	" "	85	3' 0"	M	" "	79	8' 0"	M
" "	74	7' 0"	M	" "	89	3' 0"	F	" "	82	8' 0"	F
" "	85	7' 0"	M	" "	75	4' 0"	M	" "	84	8' 0"	M
" "	87	8' 0"	F	" "	78	5' 0"	M	" "	85	9' 6"	M
" "	80	9' 0"	F	" "	79	5' 0"	F	<sup>12</sup> / <sub>1</sub> "	86	3' 0"	F
" "	84	9' 0"	F	" "	85	5' 0"	F	" "	84	8' 4"	M
" "	92	9' 0"	F	" "	86	5' 0"	F	" "	90	8' 0"	F
" "	84	10' 0"	F	" "	81	6' 0"	M	" "	85	9' 0"	F
" "	85	10' 0"	M	" "	82	6' 0"	F	" "	89	9' 0"	M
" "	87	10' 0"	M	" "	82	6' 3"	M	" "	80	10' 0"	M
" "	89	10' 0"	M	" "	83	6' 0"	F	" "	88	12' 0"	F
" "	87	12' 0"	F	" "	85	8' 0"	F	" "	88	13' 0"	M
" "	93	12' 0"	F	" "	88	8' 0"	F	" "	82	14' 6"	M
" "	89	13' 0"	F	" "	91	8' 0"	F	<sup>13</sup> / <sub>1</sub> "	85	2' 0"	M
<sup>3</sup> / <sub>1</sub> "	83	4' 0"	M	" "	80	10' 0"	F	" "	85	7' 0"	F
" "	84	4' 0"	M	" "	85	10' 0"	M	" "	84	8' 0"	F
" "	79	5' 0"	F	" "	85	12' 0"	F	" "	86	8' 0"	M
" "	81	5' 0"	F	<sup>6</sup> / <sub>1</sub> "	83	6' 0"	M	" "	83	10' 5"	F
" "	81	5' 0"	M	" "	77	8' 5"	F	" "	84	14' 0"	F
" "	84	5' 0"	F	" "	82	8' 0"	M	<sup>14</sup> / <sub>1</sub> "	71	1' 3"	M
" "	89	5' 0"	M	" "	83	8' 0"	F	" "	75	2' 9"	F
" "	80	6' 0"	F	" "	82	8' 0"	M	" "	77	2' 2"	F
" "	85	6' 0"	M	" "	84	9' 0"	F	" "	80	2' 0"	M
" "	85	6' 0"	F	" "	81	11' 0"	M	" "	80	3' 4"	F
" "	85	6' 0"	F	" "	88	11' 6"	M	" "	81	3' 0"	F
" "	79	7' 0"	F	<sup>7</sup> / <sub>1</sub> "	77	4' 3"	M	" "	86	3' 6"	M
" "	81	7' 0"	M	" "	80	6' 0"	M	" "	85	5' 0"	F
" "	90	7' 5"	F	" "	83	7' 0"	M	" "	86	5' 0"	M
" "	86	8' 0"	F	" "	88	8' 0"	F	" "	90	5' 0"	M
" "	88	8' 0"	F	" "	84	10' 4"	M	" "	86	6' 0"	M
" "	85	9' 0"	F	" "	87	10' 0"	M	" "	87	6' 0"	M
" "	88	9' 0"	F	" "	86	13' 7"	M	" "	84	8' 0"	M
" "	87	10' 0"	M	<sup>8</sup> / <sub>1</sub> "	88	4' 6"	M	" "	89	8' 0"	M
" "	84	11' 0"	F	" "	90	7' 0"	M	" "	82	9' 0"	F
" "	89	11' 0"	M	" "	91	8' 0"	M	" "	86	9' 0"	M
" "	87	13' 5"	M	" "	79	9' 0"	M	" "	87	9' 0"	M
" "	88	14' 0"	M	" "	83	10' 0"	M	" "	88	9' 0"	M
<sup>4</sup> / <sub>1</sub> "	81	4' 0"	F	" "	84	10' 0"	M	" "	84	10' 0"	F

Table No. 10.—Blue-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
14/1 52	84	10' 0"	M	20/1 52	83	14' 0"	F	25/1 52	90	12' 0"	M
" "	86	10' 0"	F	" "	85	15' 0"	F	" "	88	16' 0"	M
" "	82	11' 0"	M	21/1 "	80	3' 0"	M	" "	86	19' 0"	F
" "	81	12' 0"	F	" "	84	4' 0"	F	26/1 "	71	3' 2"	F
" "	87	12' 0"	F	" "	86	4' 0"	M	" "	71	3' 2"	F
" "	90	14' 0"	F	" "	72	5' 0"	M	" "	84	4' 0"	F
" "	90	14' 0"	M	" "	84	6' 0"	F	" "	81	7' 0"	F
" "	93	16' 0"	M	" "	82	7' 0"	M	" "	75	8' 9"	F
15/1 "	81	7' 0"	F	" "	84	7' 0"	F	" "	85	8' 0"	M
" "	80	9' 11"	F	" "	81	8' 0"	M	" "	77	9' 0"	M
" "	77	10' 0"	F	" "	89	8' 0"	M	" "	84	10' 0"	F
" "	86	10' 0"	M	" "	76	9' 0"	F	" "	88	10' 0"	F
" "	86	10' 0"	M	" "	82	9' 0"	F	" "	88	10' 8"	M
" "	86	10' 0"	M	" "	84	9' 0"	M	" "	89	10' 0"	F
" "	89	12' 0"	M	" "	83	10' 0"	M	" "	82	15' 0"	M
" "	86	14' 0"	F	" "	83	10' 0"	F	" "	89	18' 0"	M
" "	87	17' 0"	M	" "	84	10' 0"	F	27/1 "	91	3' 0"	F
16/1 "	78	3' 0"	M	" "	87	10' 0"	M	" "	78	9' 0"	M
" "	76	5' 0"	F	" "	87	10' 6"	M	" "	82	9' 0"	F
" "	83	6' 0"	M	" "	90	10' 0"	F	" "	85	9' 0"	M
" "	76	8' 6"	M	" "	84	11' 0"	F	" "	80	10' 0"	M
" "	76	8' 6"	M	" "	81	13' 0"	M	" "	86	13' 0"	M
" "	84	9' 0"	F	" "	85	14' 0"	F	" "	88	15' 0"	F
" "	91	9' 0"	F	22/1 "	86	4' 7"	F	" "	91	17' 0"	M
17/1 "	90	3' 0"	F	" "	82	7' 0"	F	28/1 "	88	3' 0"	F
" "	80	6' 0"	F	" "	86	7' 0"	F	" "	79	5' 0"	M
" "	83	10' 0"	M	" "	89	7' 0"	M	" "	87	5' 0"	M
18/1 "	76	0' 7"	M	" "	83	8' 0"	M	" "	85	6' 0"	M
" "	87	4' 0"	M	" "	84	9' 0"	M	" "	88	6' 0"	M
" "	91	5' 0"	M	" "	79	10' 0"	M	" "	83	7' 5"	F
" "	83	9' 0"	F	" "	85	10' 0"	M	" "	87	7' 0"	M
" "	88	12' 0"	F	" "	87	10' 0"	F	" "	83	8' 0"	F
" "	85	16' 0"	M	" "	90	11' 0"	M	" "	76	9' 0"	F
19/1 "	85	2' 6"	M	" "	86	12' 6"	F	" "	78	9' 9"	M
" "	82	8' 0"	F	" "	91	12' 0"	M	" "	81	10' 0"	M
" "	75	9' 0"	F	" "	79	14' 0"	M	" "	83	10' 0"	F
" "	87	9' 0"	F	" "	86	18' 0"	M	" "	74	11' 3"	F
" "	83	10' 0"	F	23/1 "	91	5' 0"	F	" "	83	12' 0"	F
" "	86	10' 0"	M	" "	80	6' 0"	M	" "	87	12' 0"	M
" "	88	12' 0"	M	" "	81	7' 0"	F	" "	89	12' 6"	F
20/1 "	86	4' 0"	F	" "	86	8' 0"	F	" "	88	16' 0"	F
" "	86	4' 0"	M	" "	87	9' 0"	F	29/1 "	83	1' 7"	F
" "	87	4' 0"	F	" "	81	11' 2"	M	" "	83	3' 11"	F
" "	83	5' 0"	M	" "	84	11' 10"	F	" "	74	4' 0"	F
" "	76	6' 0"	F	" "	83	13' 0"	F	" "	82	6' 0"	F
" "	84	6' 0"	F	24/1 "	79	3' 6"	F	" "	84	7' 0"	M
" "	84	6' 0"	M	" "	88	4' 1"	F	" "	87	11' 0"	F
" "	82	7' 0"	F	" "	82	12' 0"	M	" "	91	10' 0"	F
" "	83	7' 0"	M	" "	86	14' 0"	M	" "	87	11' 0"	F
" "	86	7' 0"	F	25/1 "	85	3' 10"	F	" "	88	11' 0"	M
" "	85	8' 6"	M	" "	87	5' 0"	F	" "	83	13' 0"	F
" "	89	8' 0"	F	" "	81	6' 2"	F	" "	92	13' 0"	F
" "	85	9' 6"	M	" "	89	7' 4"	M	" "	88	15' 0"	M
" "	90	9' 0"	F	" "	82	8' 9"	M	" "	95	17' 0"	F
" "	80	3' 0"	M	" "	82	8' 5"	M	" "	95	17' 0"	F
" "	83	10' 0"	F	" "	86	9' 8"	F	30/1 "	89	2' 0"	F
" "	85	10' 0"	M	" "	82	10' 0"	F	" "	86	3' 8"	M
" "	85	10' 0"	F	" "	85	11' 0"	M	" "	80	5' 0"	F



Table No. 10—Blue-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$30\frac{1}{1}$ 52	84	6'10"	F	$4\frac{1}{2}$ 52	78	5'0"	F	$6\frac{1}{2}$ 52	87	15'0"	F
" "	84	8'0"	F	" "	82	5'4"	M	" "	90	18'0"	F
" "	78	9'6"	M	" "	82	6'6"	F	$7\frac{1}{2}$ "	77	8'0"	F
" "	85	10'0"	M	" "	79	7'0"	F	" "	85	8'0"	F
" "	82	11'3"	M	" "	86	7'0"	M	" "	87	9'0"	M
" "	84	11'0"	F	" "	87	7'0"	M	" "	88	9'0"	M
" "	89	12'6"	M	" "	77	8'0"	M	" "	90	9'0"	M
" "	92	14'0"	F	" "	77	8'9"	M	" "	92	9'0"	M
$31\frac{1}{1}$ "	86	5'0"	M	" "	81	9'0"	M	" "	88	10'0"	F
" "	81	8'3"	M	" "	84	10'0"	M	" "	82	11'0"	M
" "	82	8'7"	M	" "	90	10'0"	F	" "	89	11'10"	F
" "	93	8'0"	F	" "	83	11'0"	F	" "	80	12'0"	F
" "	86	9'0"	M	" "	83	17'0"	F	" "	81	12'0"	F
" "	88	9'0"	M	" "	86	18'0"	M	" "	83	12'3"	F
" "	84	10'4"	F	$5\frac{1}{2}$ "	87	3'0"	M	" "	84	12'0"	F
" "	84	14'0"	F	" "	87	3'0"	F	" "	82	13'0"	M
" "	83	15'3"	M	" "	77	4'0"	F	" "	84	13'0"	F
" "	85	15'0"	F	" "	85	4'0"	M	" "	82	13'0"	M
" "	87	15'0"	F	" "	81	7'0"	F	" "	90	14'0"	F
$1\frac{1}{2}$ "	89	12'0"	F	" "	90	7'0"	M	" "	85	14'0"	M
" "	85	10'0"	F	" "	92	7'0"	F	" "	90	14'0"	M
$2\frac{1}{2}$ "	75	3'0"	M	" "	87	8'0"	M	" "	93	17'0"	F
" "	82	3'0"	M	" "	88	10'0"	F	$8\frac{1}{2}$ "	87	3'0"	M
" "	89	4'6"	M	" "	86	11'0"	F	" "	85	4'0"	M
" "	87	5'0"	F	" "	87	11'0"	F	" "	83	6'0"	M
" "	84	6'0"	M	" "	88	12'3"	F	" "	85	7'0"	F
" "	85	5'0"	F	" "	93	12'0"	F	" "	80	9'0"	F
" "	85	6'0"	F	" "	85	13'0"	M	" "	84	9'0"	M
" "	90	6'0"	M	" "	89	13'6"	M	" "	84	9'0"	M
" "	78	8'0"	M	" "	90	13'0"	F	" "	88	10'6"	F
" "	82	8'0"	M	" "	86	14'9"	F	" "	90	10'0"	F
" "	87	10'0"	M	" "	89	14'0"	F	" "	90	11'0"	M
" "	89	10'0"	M	" "	82	15'0"	M	" "	83	12'0"	F
" "	90	10'0"	M	" "	89	15'0"	M	" "	88	12'0"	F
" "	85	11'0"	M	" "	89	16'8"	M	" "	79	13'0"	M
" "	85	11'0"	F	" "	88	17'0"	M	" "	83	13'0"	M
" "	88	11'0"	M	" "	77	18'0"	F	" "	87	13'0"	M
" "	79	12'0"	M	" "	86	18'0"	F	" "	85	14'10"	M
" "	85	14'0"	M	$6\frac{1}{2}$ "	83	6'0"	F	" "	85	14'0"	F
" "	87	14'0"	F	" "	83	7'0"	F	" "	87	14'0"	M
" "	82	15'0"	F	" "	85	7'0"	F	" "	93	17'0"	M
" "	86	16'0"	M	" "	81	8'0"	F	" "	87	18'0"	F
" "	87	17'0"	M	" "	82	8'0"	M	" "	82	20'0"	F
" "	85	18'0"	M	" "	85	8'0"	F	$9\frac{1}{2}$ "	87	6'0"	M
" "	85	18'0"	M	" "	85	8'0"	F	" "	80	8'0"	F
" "	83	20'0"	F	" "	88	8'0"	M	" "	78	9'0"	M
" "	90	20'0"	M	" "	83	9'0"	F	" "	80	10'0"	F
$3\frac{1}{2}$ "	90	5'0"	M	" "	90	9'0"	M	" "	82	11'0"	M
" "	88	6'0"	F	" "	77	10'0"	M	" "	82	11'0"	F
" "	84	8'4"	F	" "	84	10'0"	M	" "	86	12'0"	M
" "	85	12'0"	F	" "	91	10'0"	F	" "	90	14'0"	M
" "	87	12'0"	F	" "	84	11'0"	F	" "	90	18'0"	F
" "	86	14'0"	M	" "	85	11'6"	F	$10\frac{1}{2}$ "	72	2'0"	F
" "	92	16'0"	F	" "	86	11'0"	M	" "	88	7'0"	F
" "	89	17'0"	M	" "	88	11'0"	F	" "	80	10'0"	F
" "	94	18'0"	F	" "	85	12'0"	F	" "	81	10'0"	M
$4\frac{1}{2}$ "	91	2'0"	M	" "	80	14'0"	F	" "	81	12'0"	F
" "	92	2'6"	F	" "	89	14'0"	M	" "	93	12'0"	F

Table No. 10—Blue-whale fetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
10/2 52	82	13' 0"	F	14/2 52	91	20' 0"	F	20/2 52	93	10' 0"	F
" "	67	14' 0"	M	15/2 "	91	4' 0"	F	" "	89	10' 0"	F
" "	90	14' 0"	M	" "	80	7' 4"	M	" "	90	10' 0"	M
" "	81	15' 0"	M	" "	84	8' 0"	F	" "	93	10' 0"	M
" "	90	18' 0"	M	" "	80	10' 0"	F	" "	90	11' 0"	F
11/2 "	81	8' 0"	F	" "	86	10' 0"	F	" "	85	12' 0"	F
" "	90	8' 0"	F	" "	80	13' 1"	M	" "	90	12' 0"	M
" "	82	9' 3"	M	" "	81	13' 0"	F	" "	94	12' 0"	M
" "	90	9' 6"	M	" "	85	13' 0"	M	" "	87	13' 0"	F
" "	88	10' 0"	F	" "	86	16' 0"	F	" "	96	14' 0"	F
" "	86	11' 0"	F	" "	88	17' 0"	F	" "	89	15' 0"	M
" "	89	11' 0"	M	" "	87	18' 0"	M	" "	87	16' 6"	M
" "	89	12' 0"	M	16/2 "	86	9' 0"	M	" "	95	16' 0"	M
" "	92	12' 0"	M	" "	87	10' 0"	F	" "	86	17' 0"	M
" "	80	13' 0"	F	" "	80	11' 0"	F	" "	95	17' 0"	M
" "	89	16' 0"	F	" "	85	12' 0"	M	" "	91	17' 0"	M
" "	89	16' 0"	F	" "	85	14' 0"	F	21/2 "	81	11' 8"	F
" "	89	16' 0"	F	" "	93	17' 0"	M	" "	84	11' 0"	F
" "	84	20' 0"	M	" "	91	20' 0"	F	" "	78	12' 0"	M
12/2 "	90	4' 0"	F	17/2 "	82	4' 0"	F	" "	79	12' 0"	F
" "	85	5' 0"	M	" "	82	5' 0"	M	" "	90	12' 0"	M
" "	82	7' 6"	M	" "	87	6' 0"	F	" "	90	12' 0"	M
" "	87	7' 0"	M	" "	78	8' 0"	M	" "	82	13' 6"	M
" "	87	7' 0"	F	" "	83	10' 0"	F	" "	88	13' 0"	F
" "	77	8' 0"	M	" "	84	10' 0"	M	" "	82	15' 6"	F
" "	90	8' 0"	M	" "	88	10' 0"	F	" "	84	15' 0"	F
" "	90	8' 0"	M	" "	81	13' 0"	M	" "	87	15' 0"	F
" "	90	8' 4"	F	" "	84	14' 0"	M	" "	87	18' 0"	M
" "	78	9' 0"	F	" "	89	14' 0"	F	22/2 "	82	6' 0"	M
" "	78	13' 0"	M	" "	77	15' 0"	M	" "	88	7' 0"	F
" "	87	15' 0"	F	" "	85	18' 0"	M	" "	83	9' 0"	M
" "	92	15' 0"	F	" "	85	22' 0"	M	" "	80	10' 0"	M
" "	81	16' 0"	M	18/2 "	80	6' 0"	M	" "	84	12' 3"	F
" "	90	18' 0"	F	" "	90	7' 0"	M	" "	80	13' 0"	M
" "	87	22' 0"	M	" "	76	8' 6"	M	" "	90	13' 0"	F
13/2 "	78	8' 0"	F	" "	87	8' 0"	F	" "	85	14' 0"	M
" "	84	8' 0"	M	" "	81	9' 10"	M	" "	86	15' 0"	M
" "	82	10' 0"	F	" "	90	9' 0"	M	" "	88	15' 0"	M
" "	83	10' 0"	M	" "	84	11' 0"	M	" "	85	17' 0"	F
" "	80	13' 0"	F	" "	85	12' 6"	M	" "	89	18' 0"	M
" "	87	13' 8"	F	" "	86	12' 0"	M	" "	93	18' 0"	F
" "	88	13' 1"	M	" "	84	16' 0"	M	" "	90	20' 0"	F
" "	81	15' 0"	F	" "	86	23' 0"	F	23/2 "	90	2' 0"	M
" "	84	16' 0"	M	19/2 "	84	4' 0"	F	" "	85	4' 0"	M
" "	90	16' 0"	F	" "	85	5' 0"	M	" "	87	9' 0"	M
" "	91	17' 0"	M	" "	87	9' 8"	F	" "	85	12' 0"	F
" "	89	19' 0"	M	" "	90	10' 0"	F	" "	90	15' 0"	F
" "	88	20' 0"	M	" "	90	12' 0"	M	" "	87	16' 0"	M
" "	92	20' 0"	M	" "	84	15' 0"	M	" "	88	16' 0"	M
14/2 "	94	4' 0"	M	" "	90	15' 0"	F	" "	88	16' 0"	F
" "	85	7' 0"	M	" "	85	16' 6"	F	" "	80	17' 0"	F
" "	85	10' 2"	F	" "	89	16' 0"	F	" "	90	23' 0"	F
" "	74	11' 0"	M	" "	88	18' 0"	M	24/2 "	79	8' 0"	M
" "	96	12' 0"	M	" "	88	18' 6"	F	" "	85	8' 0"	F
" "	88	13' 0"	M	" "	89	18' 0"	F	" "	83	10' 0"	F
" "	81	16' 0"	F	20/2 "	86	5' 0"	F	" "	85	10' 0"	M
" "	83	17' 0"	F	" "	78	10' 0"	M	" "	91	11' 0"	M
" "	86	20' 0"	M	" "	82	10' 0"	M	" "	83	12' 1"	M

Table No. 10—Blue-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.			
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.				
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.				
24/2	52	85	12' 0"	M	28/2	52	78	8' 0"	M	1/3	52	85	17' 0"	F
"	"	91	13' 0"	M	"	"	84	8' 0"	M	"	"	93	20' 0"	F
"	"	87	14' 0"	M	"	"	91	8' 0"	F	2/3	"	86	8' 0"	M
"	"	96	14' 0"	M	"	"	84	11' 0"	F	"	"	89	9' 0"	F
"	"	83	16' 0"	M	"	"	76	13' 0"	M	"	"	89	9' 0"	F
25/2	"	80	5' 0"	M	"	"	80	13' 0"	F	"	"	84	12' 0"	M
"	"	85	5' 0"	F	"	"	84	14' 0"	F	"	"	86	12' 0"	M
"	"	90	5' 0"	F	"	"	83	15' 0"	F	"	"	94	13' 0"	M
"	"	81	8' 0"	M	"	"	89	16' 0"	M	"	"	83	14' 6"	F
"	"	85	12' 0"	F	29/2	"	85	4' 6"	F	"	"	84	14' 0"	M
"	"	90	14' 0"	M	"	"	80	6' 0"	F	"	"	85	16' 0"	M
"	"	92	14' 0"	F	"	"	87	6' 0"	M	"	"	82	19' 0"	F
"	"	87	15' 0"	F	"	"	95	6' 0"	F	3/3	"	86	9' 0"	F
"	"	87	15' 6"	F	"	"	88	7' 0"	F	"	"	80	10' 0"	F
"	"	90	16' 0"	M	"	"	88	7' 0"	F	"	"	84	10' 0"	M
"	"	80	19' 6"	F	"	"	88	7' 0"	F	"	"	89	10' 0"	M
"	"	85	20' 0"	F	"	"	81	8' 0"	M	"	"	90	10' 0"	F
"	"	90	21' 0"	F	"	"	82	10' 0"	F	"	"	79	11' 0"	M
"	"	85	22' 0"	F	"	"	83	10' 0"	M	"	"	93	12' 0"	M
26/2	"	88	3' 0"	M	"	"	88	10' 0"	M	"	"	84	13' 0"	F
"	"	70	8' 0"	M	"	"	88	11' 0"	M	"	"	82	18' 0"	M
"	"	77	8' 0"	F	"	"	77	13' 0"	M	"	"	85	18' 0"	M
"	"	92	8' 0"	M	"	"	82	15' 0"	F	"	"	92	18' 0"	M
"	"	80	9' 0"	F	"	"	87	18' 0"	M	4/3	"	88	7' 0"	F
"	"	85	12' 0"	F	"	"	95	21' 0"	M	"	"	72	8' 0"	M
"	"	87	12' 0"	F	"	"	88	23' 0"	F	"	"	83	9' 1"	M
"	"	78	15' 0"	F	1/3	"	90	8' 0"	M	"	"	85	12' 0"	M
"	"	81	18' 0"	F	"	"	86	10' 0"	M	"	"	77	13' 3"	M
27/2	"	81	10' 0"	F	"	"	91	10' 0"	M	"	"	90	14' 0"	F
"	"	85	11' 0"	M	"	"	91	11' 0"	M	"	"	82	18' 0"	M
"	"	86	13' 6"	F	"	"	81	13' 0"	F	"	"	88	18' 0"	F
"	"	83	14' 0"	F	"	"	86	15' 0"	F	5/3	"	93	8' 0"	F
"	"	85	15' 0"	F	"	"	84	16' 0"	M	"	"	84	10' 0"	M
"	"	83	18' 0"	M	"	"	86	16' 0"	M	"	"	87	14' 0"	F
"	"	85	20' 0"	F	"	"	84	17' 0"	M	"	"	85	20' 0"	F

Total 783 blue-whale foetuses, of which 401 males and 382 females or 51.21 per cent males and 48.79 per cent females.

## Fin-whale foetuses.

24/10	51	73	2' 0"	M	9/11	51	70	2' 0"	M	16/11	51	76	5' 0"	M
26/10	"	76	2' 0"	M	"	"	77	5' 0"	F	19/11	"	74	1' 0"	M
"	"	73	3' 0"	F	10/11	"	74	3' 0"	M	"	"	72	3' 0"	F
28/10	"	71	1' 5"	F	11/11	"	73	3' 0"	F	"	"	68	5' 0"	F
31/10	"	72	2' 0"	M	"	"	74	5' 0"	M	21/11	"	70	2' 0"	M
1/11	"	69	3' 0"	M	12/11	"	72	1' 0"	F	"	"	70	2' 0"	M
"	"	70	3' 0"	F	"	"	69	2' 0"	F	"	"	70	4' 0"	F
"	"	74	4' 0"	M	"	"	72	2' 0"	F	"	"	72	4' 0"	M
2/11	"	70	4' 0"	F	"	"	71	4' 0"	M	"	"	74	4' 0"	M
3/11	"	79	2' 0"	M	13/11	"	75	5' 0"	F	"	"	74	5' 0"	M
4/11	"	67	3' 0"	F	"	"	73	6' 0"	F	22/11	"	72	5' 0"	M
"	"	70	3' 0"	M	14/11	"	73	2' 0"	F	23/11	"	76	6' 0"	M
"	"	76	3' 0"	M	"	"	70	3' 0"	M	24/11	"	67	3' 0"	M
"	"	75	4' 6"	F	"	"	72	4' 0"	M	"	"	70	4' 0"	F
5/11	"	66	3' 0"	M	"	"	69	5' 0"	F	"	"	72	4' 0"	F
7/11	"	74	2' 0"	F	"	"	80	5' 0"	F	"	"	74	6' 0"	M

Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
25/11 51	74	5' 0"	M	2/1 52	65	2' 0"	F	2/1 52	71	6' 5"	F
27/11 "	71	1' 0"		" "	67	2' 5"	M	" "	71	6' 5"	F
" "	73	1' 6"	M	" "	68	2' 0"	F	" "	72	6' 0"	F
" "	77	2' 6"	M	" "	70	2' 0"	M	" "	72	6' 0"	M
" "	78	5' 0"	M	" "	70	2' 0"	M	" "	72	6' 0"	M
28/11 "	66	5' 0"	F	" "	70	2' 2"	M	" "	73	6' 0"	F
29/11 "	71	4' 0"	F	" "	72	2' 1"	F	" "	73	6' 0"	M
" "	72	4' 0"	F	" "	73	2' 0"	M	" "	74	6' 0"	M
" "	67	5' 0"	F	" "	63	3' 10"	M	" "	74	6' 0"	F
" "	69	5' 0"	M	" "	67	3' 6"	M	" "	75	6' 0"	M
" "	70	5' 0"	M	" "	68	3' 0"	M	" "	76	6' 0"	M
" "	75	6' 6"	M	" "	68	3' 3"	M	" "	77	6' 0"	F
2/12 "	70	2' 0"	M	" "	70	3' 3"	F	" "	68	7' 2"	M
4/12 "	75	3' 0"	F	" "	71	3' 0"	F	" "	69	7' 0"	M
5/12 "	71	2' 0"	F	" "	71	3' 0"	F	" "	70	7' 0"	F
" "	74	2' 0"	F	" "	71	3' 0"	M	" "	70	7' 0"	F
" "	76	2' 0"	M	" "	71	3' 9"	M	" "	70	7' 2"	M
" "	75	7' 0"	M	" "	71	3' 0"	F	" "	71	7' 10"	F
6/12 "	70	4' 0"	F	" "	72	3' 1"	M	" "	71	7' 4"	F
9/12 "	69	4' 0"	M	" "	73	3' 0"	F	" "	71	7' 2"	F
10/12 "	74	4' 0"	F	" "	77	3' 6"	M	" "	73	7' 0"	M
11/12 "	69	5' 0"	F	" "	64	4' 0"	F	" "	73	7' 0"	M
" "	70	5' 0"	M	" "	65	4' 5"	F	" "	73	7' 0"	F
13/12 "	74	6' 0"	F	" "	66	4' 0"	M	" "	73	7' 9"	M
14/12 "	64	2' 0"	F	" "	66	4' 0"	F	" "	74	7' 3"	M
17/12 "	69	2' 6"	F	" "	67	4' 10"	M	" "	75	7' 0"	M
" "	65	6' 0"	M	" "	68	4' 5"	F	" "	75	7' 0"	F
" "	71	6' 6"	M	" "	70	4' 0"	F	" "	75	7' 11"	M
" "	69	9' 0"	F	" "	71	4' 10"	M	" "	76	7' 4"	M
19/12 "	71	8' 0"	F	" "	72	4' 0"	F	" "	68	7' 2"	M
20/12 "	69	3' 0"	F	" "	72	4' 4"	M	" "	68	8' 0"	M
21/12 "	70	3' 0"	F	" "	72	4' 1"	M	" "	69	8' 0"	F
" "	73	4' 0"	F	" "	73	4' 3"	M	" "	69	8' 3"	M
" "	72	4' 6"	F	" "	74	4' 0"	M	" "	70	8' 0"	F
22/12 "	73	5' 0"	M	" "	74	4' 0"	F	" "	70	8' 0"	M
23/12 "	70	6' 0"	F	" "	75	4' 8"	M	" "	70	8' 0"	F
" "	75	7' 0"	M	" "	67	5' 0"	F	" "	71	8' 0"	F
" "	76	7' 0"	M	" "	67	5' 0"	M	" "	71	8' 6"	M
24/12 "	64	3' 0"	M	" "	68	5' 0"	M	" "	72	8' 0"	F
" "	69	3' 0"	F	" "	68	5' 0"	M	" "	72	8' 3"	M
" "	71	8' 0"	M	" "	69	5' 0"	F	" "	73	8' 8"	M
28/12 "	71	2' 0"	M	" "	70	5' 0"	F	" "	75	8' 0"	M
" "	74	4' 0"	F	" "	70	5' 0"	F	" "	75	8' 0"	F
" "	72	5' 6"	F	" "	70	5' 0"	F	" "	70	9' 0"	M
" "	70	6' 0"	M	" "	72	5' 0"	F	" "	70	9' 5"	F
" "	71	7' 0"	F	" "	72	5' 0"	F	" "	72	10' 0"	F
" "	69	8' 0"	M	" "	72	5' 0"	F	" "	72	10' 0"	F
" "	75	14' 0"	M	" "	73	5' 0"	F	" "	72	10' 0"	F
30/12 "	71	5' 0"	M	" "	78	5' 0"	M	" "	72	11' 0"	F
" "	72	5' 0"	F	" "	67	6' 10"	M	" "	73	11' 0"	F
31/12 "	65	3' 0"	F	" "	68	6' 0"	M	" "	71	12' 0"	M
2/1 52	66	0' 9"	M	" "	68	6' 0"	F	" "	75	14' 0"	F
" "	68	1' 7"	M	" "	68	6' 0"	M	3/1 "	68	0' 9"	M
" "	69	1' 0"	M	" "	70	6' 0"	M	" "	64	1' 1"	M
" "	69	1' 8"	M	" "	70	6' 0"	M	" "	72	1' 0"	F
" "	77	1' 11"	M	" "	71	6' 0"	M	" "	68	2' 0"	F
" "	79	1' 7"	F	" "	71	6' 0"	M	" "	68	3' 5"	F
" "	65	2' 0"	F	" "	71	6' 8"	F	" "	68	3' 10"	F

Table No. 10—Fin-whale fetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{3}{1}$ 52	71	3' 0"	F	$\frac{4}{1}$ 52	75	6' 0"	M	$\frac{6}{1}$ 52	63	4' 4"	M
" "	72	3' 4"	F	" "	69	7' 0"	M	" "	67	4' 0"	M
" "	67	4' 0"	M	" "	74	7' 0"	F	" "	68	4' 9"	M
" "	69	4' 0"	F	" "	62	8' 0"	M	" "	70	4' 0"	F
" "	71	4' 0"	F	" "	70	8' 0"	F	" "	72	4' 0"	M
" "	73	4' 0"	M	" "	70	8' 0"	F	" "	72	4' 11"	F
" "	73	4' 9"	F	" "	73	8' 0"	M	" "	76	4' 0"	F
" "	70	5' 9"	M	" "	73	8' 0"	M	" "	66	5' 0"	F
" "	71	5' 0"	F	" "	73	8' 3"	F	" "	66	5' 2"	M
" "	72	5' 0"	F	" "	73	8' 3"	M	" "	69	5' 0"	M
" "	72	5' 0"	F	" "	68	9' 3"	F	" "	72	5' 1"	M
" "	69	6' 3"	M	" "	72	10' 0"	F	" "	73	5' 0"	F
" "	70	6' 0"	M	" "	69	11' 0"	M	" "	74	5' 0"	M
" "	72	6' 0"	M	$\frac{5}{1}$ "	66	0' 7"	F	" "	75	5' 0"	F
" "	73	6' 0"	F	" "	64	2' 3"	F	" "	67	6' 10"	M
" "	75	6' 3"	M	" "	67	2' 2"	M	" "	70	6' 0"	M
" "	69	7' 6"	M	" "	74	3' 0"	F	" "	72	6' 10"	F
" "	70	7' 0"	M	" "	65	4' 8"	F	" "	72	6' 0"	F
" "	70	7' 0"	M	" "	74	4' 0"	M	" "	73	6' 0"	M
" "	70	7' 9"	F	" "	67	5' 0"	F	" "	67	7' 0"	M
" "	71	7' 0"	F	" "	69	5' 0"	M	" "	69	7' 5"	M
" "	71	7' 2"	F	" "	70	5' 0"	"	" "	72	7' 0"	F
" "	74	7' 0"	M	" "	72	5' 0"	F	" "	77	7' 0"	M
" "	75	7' 0"	F	" "	73	5' 0"	M	" "	74	8' 0"	F
" "	70	8' 5"	M	" "	64	6' 5"	M	" "	75	8' 0"	F
" "	72	8' 1"	F	" "	68	6' 0"	F	" "	76	8' 9"	M
" "	73	8' 0"	M	" "	68	6' 3"	F	" "	79	8' 0"	M
" "	73	8' 0"	M	" "	72	6' 0"	F	" "	63	9' 0"	F
" "	73	8' 0"	F	" "	63	7' 0"	M	" "	64	9' 0"	M
" "	74	8' 0"	F	" "	66	7' 0"	F	" "	72	9' 0"	F
" "	67	9' 3"	M	" "	70	7' 0"	F	" "	72	9' 0"	F
" "	71	9' 4"	F	" "	70	7' 6"	F	" "	75	9' 0"	F
" "	73	9' 0"	M	" "	75	7' 0"	F	" "	76	9' 0"	M
" "	73	9' 0"	F	" "	76	7' 1"	M	" "	78	9' 0"	M
" "	73	9' 0"	F	" "	79	7' 0"	F	" "	78	9' 0"	F
" "	74	9' 0"	M	" "	71	8' 0"	M	" "	73	10' 0"	F
" "	74	9' 2"	F	" "	72	8' 8"	M	" "	72	11' 6"	F
" "	74	10' 0"	F	" "	73	8' 11"	M	" "	73	11' 7"	M
$\frac{4}{1}$ "	63	1' 6"	M	" "	75	8' 3"	F	$\frac{7}{1}$ "	71	2' 0"	M
" "	69	2' 0"	M	" "	69	9' 0"	F	" "	62	3' 0"	M
" "	76	2' 11"	M	" "	71	9' 9"	M	" "	69	3' 0"	F
" "	62	3' 0"	M	" "	75	9' 0"	F	" "	70	3' 0"	F
" "	67	3' 0"	M	" "	76	10' 0"	F	" "	71	3' 0"	M
" "	68	3' 5"	M	" "	73	10' 0"	F	" "	72	3' 9"	F
" "	62	4' 0"	F	" "	73	11' 0"	F	" "	74	3' 7"	M
" "	64	4' 1"	M	$\frac{6}{1}$ "	70	0' 6"	F	" "	75	3' 6"	F
" "	65	4' 0"	M	" "	66	1' 0"	M	" "	70	4' 10"	M
" "	67	4' 0"	F	" "	69	2' 0"	M	" "	73	4' 0"	F
" "	70	4' 10"	F	" "	69	2' 0"	M	" "	73	4' 0"	F
" "	74	4' 0"	F	" "	72	2' 0"	F	" "	73	4' 7"	M
" "	65	5' 9"	F	" "	75	2' 0"	M	" "	74	4' 0"	F
" "	68	5' 0"	M	" "	76	2' 0"	M	" "	71	5' 0"	F
" "	73	5' 8"	M	" "	70	3' 0"	M	" "	73	5' 0"	F
" "	76	5' 3"	M	" "	72	3' 8"	F	" "	73	6' 0"	F
" "	62	6' 0"	F	" "	74	3' 0"	F	" "	74	6' 0"	M
" "	65	6' 0"	M	" "	76	3' 4"	F	" "	75	6' 0"	M
" "	70	6' 0"	F	" "	62	4' 0"	M	" "	69	7' 5"	F
" "	70	6' 0"	F	" "	62	4' 0"	M	" "	70	7' 0"	F

Table No. 10—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>7</sup> / <sub>1</sub> 52	70	7' 0"	F	<sup>8</sup> / <sub>1</sub> 52	70	8' 0"	M	<sup>9</sup> / <sub>1</sub> 52	72	8' 5"	M
" "	70	7' 0"	F	" "	70	8' 6"	M	" "	73	8' 5"	M
" "	70	7' 9"	M	" "	71	8' 0"	F	" "	73	8' 10"	F
" "	71	7' 0"	F	" "	71	8' 0"	F	" "	73	8' 0"	M
" "	73	7' 0"	M	" "	72	8' 4"	M	" "	76	8' 0"	F
" "	75	7' 0"	F	" "	74	8' 0"	F	" "	73	8' 10"	F
" "	76	7' 0"	F	" "	75	8' 0"	M	" "	73	9' 0"	M
" "	66	8' 0"	F	" "	72	9' 3"	F	" "	74	9' 0"	M
" "	66	8' 0"	M	" "	74	9' 0"	M	" "	75	9' 11"	F
" "	69	8' 0"	F	" "	72	10' 0"	M	" "	75	9' 3"	F
" "	69	8' 3"	M	" "	75	10' 0"	M	" "	76	9' 5"	F
" "	70	8' 0"	F	" "	76	10' 0"	F	" "	73	10' 0"	M
" "	71	8' 0"	M	" "	70	12' 0"	M	" "	73	10' 10"	F
" "	71	8' 0"	F	<sup>9</sup> / <sub>1</sub>	69	1' 5"	M	" "	75	10' 0"	F
" "	71	8' 0"	F	" "	75	1' 0"	M	" "	72	11' 0"	F
" "	72	8' 0"	M	" "	71	2' 0"	F	" "	74	11' 2"	F
" "	74	8' 2"	M	" "	73	2' 0"	M	" "	65	11' 0"	F
" "	77	8' 0"	F	" "	64	3' 0"	M	" "	72	12' 5"	F
" "	78	8' 9"	F	" "	69	3' 0"	M	" "	76	12' 0"	M
" "	72	9' 2"	F	" "	73	3' 9"	M	" "	77	13' 9"	M
" "	70	10' 0"	M	" "	73	4' 3"	F	" "			
" "	73	10' 0"	M	" "	74	4' 0"	F	<sup>10</sup> / <sub>1</sub>	70	2' 0"	M
<sup>8</sup> / <sub>1</sub>	67	1' 8"	M	" "	69	4' 6"	F	" "	71	2' 0"	M
" "	69	1' 8"	F	" "	65	5' 0"	F	" "	71	2' 4"	F
" "	68	2' 6"	M	" "	68	5' 0"	F	" "	77	2' 0"	M
" "	75	2' 6"	M	" "	68	5' 8"	F	" "	63	3' 0"	M
" "	75	2' 5"	M	" "	68	5' 0"	F	" "	63	3' 0"	M
" "	64	3' 9"	F	" "	69	5' 10"	F	" "	71	3' 6"	F
" "	71	3' 0"	M	" "	71	5' 0"	F	" "	71	3' 0"	M
" "	63	4' 0"	M	" "	71	5' 4"	F	" "	71	3' 0"	M
" "	66	4' 4"	M	" "	72	5' 0"	M	" "	72	3' 0"	F
" "	68	4' 0"	F	" "	73	5' 0"	M	" "	73	3' 0"	M
" "	70	4' 0"	M	" "	67	6' 0"	M	" "	77	3' 0"	M
" "	73	4' 0"	F	" "	69	6' 0"	F	" "	66	4' 4"	M
" "	76	4' 1"	M	" "	69	6' 7"	M	" "	69	4' 0"	M
" "	67	5' 0"	M	" "	70	6' 0"	M	" "	69	4' 8"	F
" "	67	5' 0"	F	" "	71	6' 0"	F	" "	70	4' 0"	M
" "	68	5' 5"	M	" "	71	6' 6"	F	" "	70	4' 0"	M
" "	70	5' 0"	F	" "	72	6' 0"	F	" "	72	4' 0"	F
" "	74	5' 0"	M	" "	72	6' 0"	F	" "	73	4' 0"	F
" "	76	5' 0"	F	" "	72	6' 9"	M	" "	73	4' 0"	M
" "	66	6' 0"	M	" "	72	6' 0"	M	" "	78	4' 3"	F
" "	67	6' 0"	M	" "	76	6' 0"	F	" "	62	5' 0"	F
" "	68	6' 1"	M	" "	68	7' 0"	F	" "	69	5' 0"	M
" "	69	6' 0"	M	" "	68	7' 0"	F	" "	70	5' 0"	M
" "	70	6' 0"	M	" "	70	7' 0"	M	" "	70	5' 0"	F
" "	70	6' 0"	M	" "	70	7' 0"	F	" "	70	5' 0"	F
" "	70	6' 0"	M	" "	72	7' 0"	M	" "	70	5' 5"	M
" "	71	6' 0"	M	" "	72	7' 0"	F	" "	73	5' 0"	F
" "	72	6' 0"	M	" "	72	7' 4"	M	" "	74	5' 0"	F
" "	74	6' 0"	F	" "	74	7' 0"	M	" "	75	5' 0"	M
" "	75	6' 0"	F	" "	76	7' 8"	F	" "	76	5' 3"	F
" "	76	6' 0"	M	" "	76	7' 0"	F	" "	76	5' 0"	F
" "	71	7' 0"	M	" "	77	7' 0"	M	" "	74	5' 2"	M
" "	72	7' 0"	F	" "	77	7' 0"	F	" "	64	6' 0"	F
" "	74	7' 0"	F	" "	71	8' 0"	F	" "	68	6' 0"	F
" "	79	7' 0"	F	" "	71	8' 10"	M	" "	68	6' 9"	F
" "	68	8' 0"	F	" "	72	8' 0"	F	" "	70	6' 0"	F

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length		Sex.	Date when measured.	Length		Sex.	Date when measured.	Length		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>10</sup> / <sub>1</sub> 52	70	6' 0"	M	<sup>11</sup> / <sub>1</sub> 52	67	2' 4"	M	<sup>11</sup> / <sub>1</sub> 52	73	9' 0"	F
" "	70	6' 0"	F	" "	68	2' 0"	M	" "	76	9' 0"	F
" "	70	6' 0"	M	" "	70	2' 0"	F	" "	78	9' 3"	M
" "	70	6' 0"	F	" "	70	2' 0"	M	" "	76	9' 0"	F
" "	71	6' 0"	M	" "	67	3' 6"	M	" "	68	9' 1"	M
" "	72	6' 6"	F	" "	71	3' 0"	M	" "	71	10' 0"	M
" "	72	6' 0"	F	" "	72	3' 0"	F	" "	72	10' 0"	M
" "	72	6' 6"	F	" "	72	3' 0"	M	" "	74	10' 0"	F
" "	73	6' 0"	F	" "	73	3' 0"	F	" "	73	11' 0"	M
" "	74	6' 0"	F	" "	73	3' 0"	F	" "	73	11' 0"	M
" "	74	6' 0"	F	" "	79	3' 0"	M	" "	75	11' 0"	M
" "	68	7' 0"	F	" "	64	4' 0"	M	" "	75	12' 0"	M
" "	70	7' 6"	M	" "	65	4' 10"	F	<sup>12</sup> / <sub>1</sub> "	73	1' 5"	M
" "	70	7' 0"	M	" "	68	4' 0"	M	" "	73	1' 0"	M
" "	70	7' 0"	M	" "	71	4' 0"	F	" "	74	1' 0"	M
" "	70	7' 0"	F	" "	73	4' 0"	M	" "	67	2' 10"	M
" "	71	7' 0"	M	" "	73	4' 0"	M	" "	64	3' 0"	F
" "	72	7' 0"	F	" "	74	4' 0"	M	" "	74	3' 0"	M
" "	73	7' 0"	F	" "	66	5' 0"	F	" "	70	4' 0"	F
" "	67	8' 0"	F	" "	70	5' 0"	M	" "	71	4' 0"	F
" "	70	8' 0"	F	" "	71	5' 0"	F	" "	71	4' 2"	F
" "	70	8' 0"	F	" "	72	5' 0"	F	" "	72	4' 0"	M
" "	71	8' 0"	F	" "	73	5' 0"	M	" "	73	4' 0"	M
" "	72	8' 0"	M	" "	74	5' 0"	F	" "	74	4' 0"	F
" "	72	8' 8"	M	" "	63	6' 0"	F	" "	75	4' 0"	M
" "	76	8' 0"	M	" "	66	6' 0"	F	" "	76	4' 0"	F
" "	77	8' 0"	M	" "	67	6' 0"	M	" "	62	5' 6"	F
" "	78	8' 0"	M	" "	67	6' 0"	F	" "	66	5' 0"	M
" "	70	9' 0"	F	" "	69	6' 0"	M	" "	70	5' 9"	M
" "	72	9' 0"	F	" "	70	6' 0"	M	" "	70	5' 0"	F
" "	72	9' 0"	M	" "	70	6' 0"	M	" "	72	5' 0"	F
" "	74	9' 10"	F	" "	71	6' 0"	F	" "	75	5' 0"	F
" "	75	9' 0"	F	" "	71	6' 0"	M	" "	75	5' 0"	F
" "	66	10' 0"	F	" "	73	6' 0"	M	" "	75	5' 0"	F
" "	69	10' 0"	F	" "	76	6' 9"	F	" "	78	5' 9"	M
" "	70	10' 0"	M	" "	78	6' 6"	M	" "	75	5' 0"	M
" "	73	10' 4"	M	" "	67	7' 0"	M	" "	61	6' 0"	M
" "	75	10' 0"	M	" "	70	7' 0"	M	" "	67	6' 0"	F
" "	75	10' 0"	M	" "	70	7' 0"	F	" "	70	6' 0"	F
" "	78	10' 0"	M	" "	70	7' 0"	M	" "	75	6' 0"	M
" "	80	10' 0"	F	" "	70	7' 11"	F	" "	66	7' 0"	M
" "	80	10' 0"	F	" "	71	7' 0"	M	" "	73	7' 0"	F
" "	73	10' 2"	M	" "	71	7' 0"	F	" "	73	7' 0"	F
" "	75	11' 0"	M	" "	72	7' 0"	F	" "	74	7' 0"	F
" "	75	11' 0"	M	" "	72	7' 0"	F	" "	74	7' 0"	M
" "	70	12' 0"	F	" "	72	7' 0"	F	" "	74	7' 4"	F
" "	71	13' 0"	F	" "	74	7' 0"	M	" "	75	7' 0"	F
" "	73	14' 0"	M	" "	76	7' 0"	F	" "	63	8' 0"	F
" "	74	15' 0"	F	" "	68	8' 9"	M	" "	68	8' 0"	F
" "	74	19' 8"	F	" "	69	8' 6"	M	" "	69	8' 0"	M
<sup>11</sup> / <sub>1</sub> "	62	1' 0"	F	" "	70	8' 4"	F	" "	69	8' 5"	F
" "	63	1' 2"	F	" "	73	8' 6"	M	" "	71	8' 1"	F
" "	64	1' 6"	F	" "	73	8' 0"	M	" "	72	8' 0"	F
" "	67	1' 11"	M	" "	74	8' 0"	M	" "	72	8' 0"	F
" "	70	1' 2"	F	" "	74	8' 0"	M	" "	73	8' 0"	F
" "	72	1' 8"	F	" "	75	8' 0"	F	" "	74	8' 0"	F
" "	73	1' 6"	F	" "	79	8' 0"	M	" "	76	8' 0"	F
" "	67	1' 9"	F	" "	71	9' 8"	F	" "	70	9' 0"	M

Table No. 10—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
12/1 52	70	9'0"	M	13/1 52	71	8'0"	F	14/1 52	75	4'10"	M
" "	70	9'0"	M	" "	72	8'0"	M	" "	76	4'0"	M
" "	73	9'3"	F	" "	72	8'0"	F	" "	70	5'0"	M
" "	74	9'0"	F	" "	72	8'0"	F	" "	70	5'0"	M
" "	78	9'0"	M	" "	72	8'0"	F	" "	70	5'0"	F
" "	71	10'0"	M	" "	72	8'0"	F	" "	70	5'9"	M
" "	71	10'2"	F	" "	73	8'0"	M	" "	71	5'10"	M
" "	74	10'0"	M	" "	73	8'0"	M	" "	71	5'0"	F
" "	72	11'0"	F	" "	74	8'0"	M	" "	72	5'5"	M
" "	72	11'8"	F	" "	74	8'0"	M	" "	75	5'0"	M
" "	73	12'0"	F	" "	74	8'0"	M	" "	66	6'0"	F
" "	75	12'0"	M	" "	68	9'0"	M	" "	68	6'0"	M
" "	71	13'0"	M	" "	69	9'0"	M	" "	68	6'2"	F
13/1	74	1'0"	F	" "	72	9'0"	F	" "	69	6'8"	F
" "	64	2'0"	F	" "	72	9'0"	M	" "	70	6'0"	M
" "	66	2'0"	M	" "	75	9'0"	F	" "	70	6'0"	M
" "	67	2'0"	F	" "	70	10'7"	M	" "	70	6'0"	F
" "	70	2'0"	M	" "	70	10'7"	F	" "	72	6'0"	F
" "	70	3'6"	M	" "	72	10'3"	F	" "	73	6'0"	F
" "	71	3'0"	F	" "	73	10'4"	F	" "	74	6'0"	M
" "	72	3'0"	M	" "	74	10'4"	M	" "	74	6'0"	F
" "	72	3'4"	F	" "	76	10'0"	M	" "	74	6'0"	F
" "	76	3'0"	F	" "	73	10'2"	F	" "	75	6'0"	F
" "	65	4'3"	M	" "	72	11'0"	F	" "	77	6'0"	F
" "	66	4'0"	F	" "	74	11'0"	F	" "	77	6'0"	F
" "	68	4'7"	M	" "	74	11'2"	F	" "	69	7'0"	F
" "	70	4'0"	M	" "	77	11'0"	M	" "	69	7'0"	F
" "	71	4'11"	F	" "	68	12'0"	M	" "	72	7'4"	F
" "	73	4'0"	F	" "	75	12'0"	F	" "	75	7'0"	M
" "	75	4'0"	M	" "	75	12'9"	F	" "	67	8'0"	F
" "	65	5'0"	F	" "	76	13'0"	M	" "	67	8'1"	F
" "	66	5'0"	M	" "	73	15'0"	F	" "	72	8'0"	M
" "	67	5'0"	M	" "	75	17'6"	M	" "	72	8'0"	M
" "	68	5'0"	M	14/1	69	0'6"	F	" "	70	9'0"	F
" "	70	5'0"	M	" "	66	1'10"	F	" "	72	9'0"	M
" "	71	5'0"	M	" "	67	1'9"	F	" "	72	9'3"	F
" "	72	5'0"	M	" "	71	1'0"	F	" "	73	9'0"	F
" "	72	5'0"	M	" "	73	1'6"	M	" "	74	9'0"	F
" "	76	5'0"	F	" "	68	2'0"	F	" "	74	9'0"	F
" "	76	5'0"	F	" "	68	2'0"	F	" "	74	9'0"	M
" "	68	6'0"	F	" "	74	2'6"	M	" "	75	9'0"	M
" "	69	6'10"	M	" "	75	2'0"	M	" "	81	9'0"	F
" "	71	6'0"	F	" "	66	3'0"	M	" "	66	10'0"	M
" "	72	6'0"	M	" "	67	3'0"	M	" "	70	10'0"	F
" "	72	6'0"	F	" "	68	3'0"	F	" "	74	10'0"	F
" "	72	6'0"	M	" "	68	3'0"	M	" "	76	10'4"	M
" "	72	6'11"	M	" "	70	3'0"	F	" "	69	11'0"	M
" "	74	6'0"	M	" "	71	3'0"	M	" "	69	11'4"	M
" "	76	6'0"	M	" "	71	3'0"	M	" "	70	11'0"	F
" "	78	6'0"	M	" "	73	3'0"	M	" "	71	11'0"	M
" "	75	6'6"	M	" "	73	3'0"	F	" "	73	11'4"	M
" "	68	7'0"	F	" "	75	3'0"	M	" "	77	11'3"	F
" "	71	7'0"	M	" "	68	4'0"	M	15/1	68	1'11"	M
" "	71	7'6"	M	" "	70	4'0"	F	" "	71	1'6"	M
" "	73	7'0"	F	" "	70	4'6"	M	" "	72	1'0"	M
" "	74	7'0"	M	" "	72	4'0"	M	" "	63	2'9"	F
" "	68	8'0"	M	" "	72	4'0"	F	" "	64	2'3"	M
" "	70	8'0"	F	" "	73	4'0"	F	" "	70	2'9"	F



Table No. 10.—Fin-whale fetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
15/1 52	73	2' 0"	F	15/1 52	76	10' 0"	F	16/1 52	70	9' 0"	F
" "	75	2' 0"	M	" "	76	10' 0"	M	" "	71	9' 0"	F
" "	77	2' 2"	M	" "	72	11' 0"	M	" "	71	9' 0"	M
" "	73	2' 11"	M	" "	73	11' 0"	F	" "	72	9' 0"	M
" "	65	3' 0"	M	" "	74	11' 6"	M	" "	73	9' 0"	F
" "	68	3' 5"	F	" "	76	11' 2"	M	" "	75	9' 0"	F
" "	67	3' 0"	F	" "	78	11' 0"	M	" "	76	9' 0"	M
" "	67	3' 4"	F	" "	73	13' 0"	M	" "	76	9' 4"	M
" "	72	3' 0"	M	" "	80	13' 0"	F	" "	69	10' 0"	F
" "	73	3' 0"	M	" "	" "	" "	" "	" "	71	10' 0"	F
" "	73	3' 11"	M	16/1 "	70	0' 11"	M	" "	71	10' 0"	M
" "	74	3' 0"	F	" "	75	0' 4"	M	" "	73	10' 0"	F
" "	74	3' 3"	M	" "	68	1' 10"	F	" "	76	10' 0"	M
" "	75	3' 0"	F	" "	78	1' 0"	F	" "	70	11' 0"	M
" "	67	4' 0"	M	" "	66	2' 0"	M	" "	74	11' 0"	F
" "	70	4' 0"	M	" "	74	2' 0"	F	" "	78	11' 0"	M
" "	76	4' 3"	F	" "	76	2' 0"	F	" "	70	12' 0"	M
" "	64	5' 11"	F	" "	71	3' 0"	F	" "	76	13' 0"	F
" "	67	5' 8"	M	" "	73	3' 0"	M	17/1 "	70	2' 0"	M
" "	70	5' 0"	M	" "	74	3' 0"	F	" "	71	2' 0"	F
" "	71	5' 0"	M	" "	69	4' 0"	F	" "	72	2' 10"	F
" "	68	6' 9"	M	" "	71	4' 0"	F	" "	68	3' 6"	F
" "	70	6' 5"	M	" "	71	4' 0"	F	" "	69	3' 0"	M
" "	71	6' 0"	M	" "	72	4' 0"	M	" "	72	3' 0"	F
" "	71	6' 8"	M	" "	75	4' 0"	F	" "	74	3' 0"	F
" "	72	6' 0"	M	" "	66	5' 0"	F	" "	75	3' 6"	M
" "	73	6' 0"	F	" "	67	5' 0"	M	" "	69	4' 0"	F
" "	75	6' 0"	F	" "	69	5' 0"	F	" "	73	4' 0"	F
" "	78	6' 0"	M	" "	70	5' 0"	M	" "	65	5' 0"	F
" "	68	7' 0"	M	" "	71	5' 0"	M	" "	70	5' 0"	F
" "	69	7' 1"	M	" "	73	5' 0"	M	" "	72	5' 0"	F
" "	71	7' 0"	F	" "	75	5' 0"	M	" "	72	5' 0"	M
" "	73	7' 0"	F	" "	75	5' 0"	F	" "	73	5' 6"	F
" "	73	7' 0"	F	" "	70	5' 0"	M	" "	74	5' 0"	F
" "	74	7' 0"	M	" "	67	6' 0"	F	" "	75	5' 0"	F
" "	74	7' 9"	M	" "	69	6' 7"	M	" "	78	5' 0"	M
" "	75	7' 6"	M	" "	70	6' 0"	F	" "	66	6' 10"	F
" "	75	7' 0"	M	" "	71	6' 0"	F	" "	67	6' 0"	M
" "	75	7' 0"	F	" "	72	6' 0"	F	" "	70	6' 10"	M
" "	75	7' 5"	M	" "	72	6' 0"	F	" "	70	6' 0"	M
" "	76	7' 0"	M	" "	73	6' 0"	M	" "	71	6' 0"	F
" "	67	8' 8"	F	" "	76	6' 0"	F	" "	73	6' 6"	F
" "	71	8' 4"	M	" "	69	7' 0"	M	" "	75	6' 0"	M
" "	72	8' 0"	M	" "	69	7' 4"	F	" "	75	6' 0"	F
" "	72	8' 0"	M	" "	69	7' 0"	F	" "	77	6' 0"	F
" "	74	8' 0"	M	" "	70	7' 0"	M	" "	70	7' 0"	F
" "	74	8' 0"	M	" "	70	7' 0"	F	" "	70	7' 6"	M
" "	75	8' 0"	M	" "	74	7' 0"	M	" "	72	7' 3"	F
" "	78	8' 0"	F	" "	75	7' 0"	M	" "	73	7' 0"	M
" "	78	8' 0"	M	" "	76	7' 6"	F	" "	73	7' 0"	F
" "	69	9' 0"	F	" "	70	8' 0"	F	" "	74	7' 0"	M
" "	71	9' 0"	F	" "	71	8' 0"	M	" "	69	8' 0"	F
" "	72	9' 3"	M	" "	73	8' 10"	F	" "	70	8' 0"	M
" "	73	9' 5"	M	" "	74	8' 6"	M	" "	71	8' 0"	F
" "	79	9' 0"	F	" "	74	8' 0"	F	" "	71	8' 0"	F
" "	72	10' 3"	F	" "	76	8' 0"	M	" "	71	8' 0"	F
" "	74	10' 0"	M	" "	77	8' 0"	F	" "	71	8' 5"	F
" "	74	10' 2"	F	" "	69	9' 0"	F	" "	73	8' 0"	F

Table No 10—Fin-whale fetuses (cont.).

Date when measured	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
17/1 52	73	8' 9"	F	18/1 52	77	7' 0"	M	19/1 52	76	6' 0"	F
" "	74	8' 0"	F	" "	69	8' 0"	F	" "	68	7' 0"	M
" "	78	8' 0"	F	" "	69	8' 0"	M	" "	69	7' 0"	M
" "	71	9' 9"	F	" "	71	8' 7"	M	" "	70	7' 0"	M
" "	72	9' 0"	F	" "	73	8' 0"	F	" "	72	7' 4"	M
" "	73	9' 0"	F	" "	74	8' 0"	F	" "	73	7' 0"	F
" "	73	9' 0"	M	" "	69	9' 0"	F	" "	76	7' 0"	F
" "	74	9' 0"	F	" "	69	9' 4"	F	" "	77	7' 0"	M
" "	76	9' 0"	F	" "	70	9' 3"	M	" "	70	8' 0"	F
" "	72	10' 0"	M	" "	71	9' 0"	F	" "	71	8' 0"	F
" "	72	10' 10"	M	" "	72	9' 0"	M	" "	71	8' 0"	M
" "	72	10' 9"	F	" "	72	9' 3"	F	" "	72	8' 0"	M
" "	74	10' 0"	F	" "	72	9' 6"	M	" "	73	8' 10"	F
" "	69	11' 0"	F	" "	74	9' 0"	M	" "	75	8' 6"	F
" "	74	11' 0"	F	" "	74	9' 0"	F	" "	70	9' 0"	M
" "	74	11' 0"	M	" "	75	9' 0"	F	" "	71	9' 0"	F
" "	70	12' 0"	F	" "	80	9' 6"	M	" "	72	9' 0"	M
" "	72	12' 0"	M	" "	67	10' 0"	M	" "	72	9' 0"	F
" "	74	12' 0"	M	" "	69	10' 11"	F	" "	73	9' 0"	F
" "	75	13' 0"	F	" "	72	10' 9"	M	" "	75	9' 0"	M
" "	77	13' 0"	F	" "	73	10' 0"	M	" "	75	9' 0"	F
" "	80	13' 0"	F	" "	73	10' 0"	F	" "	76	9' 0"	F
" "	74	14' 0"	F	" "	73	10' 3"	F	" "	77	9' 0"	M
" "				" "	74	10' 0"	F	" "	69	10' 0"	M
18/1 "	76	1' 7"	M	" "	75	10' 0"	F	" "	71	10' 0"	F
" "	65	2' 0"	M	" "	75	10' 0"	F	" "	72	10' 0"	M
" "	66	2' 0"	F	" "	75	10' 4"	M	" "	72	10' 0"	F
" "	69	2' 4"	M	" "	76	10' 0"	M	" "	73	10' 0"	F
" "	72	2' 0"	M	" "	80	10' 0"	M	" "	73	11' 0"	M
" "	77	2' 0"	M	" "	73	11' 0"	F	" "	75	11' 0"	M
" "	69	3' 0"	F	" "	72	12' 0"	M	" "	79	11' 0"	M
" "	70	3' 10"	M	" "	74	14' 0"	M	" "	75	12' 0"	F
" "	70	3' 0"	F	19/1 "	71	1' 0"	M	" "	70	13' 0"	M
" "	71	4' 0"	F	" "	71	2' 6"	F	" "			
" "	71	4' 10"	M	" "	74	2' 0"	M	20/1 "	71	1' 0"	F
" "	72	4' 0"	M	" "	65	3' 6"	M	" "	69	2' 11"	M
" "	72	4' 10"	M	" "	76	3' 4"	F	" "	71	2' 9"	M
" "	72	4' 7"	M	" "	70	4' 0"	F	" "	70	3' 0"	F
" "	67	5' 6"	M	" "	71	4' 0"	F	" "	70	3' 0"	M
" "	70	5' 6"	F	" "	71	4' 0"	M	" "	72	3' 0"	F
" "	70	5' 5"	F	" "	75	4' 0"	F	" "	75	3' 0"	F
" "	71	5' 4"	F	" "	67	5' 0"	F	" "	76	3' 0"	M
" "	73	5' 0"	M	" "	69	5' 0"	M	" "	77	3' 0"	M
" "	73	5' 9"	M	" "	71	5' 0"	M	" "	69	4' 0"	M
" "	75	5' 0"	M	" "	74	5' 0"	F	" "	69	4' 1"	F
" "	76	5' 0"	F	" "	74	5' 0"	M	" "	77	5' 0"	F
" "	69	6' 0"	F	" "	74	5' 0"	F	" "	67	6' 0"	M
" "	71	6' 0"	F	" "	63	6' 0"	F	" "	69	6' 0"	F
" "	73	6' 0"	F	" "	66	6' 0"	F	" "	69	6' 0"	F
" "	73	6' 3"	F	" "	68	6' 0"	M	" "	72	6' 0"	M
" "	73	6' 0"	F	" "	70	6' 6"	F	" "	75	6' 0"	F
" "	74	6' 0"	F	" "	70	6' 6"	M	" "	77	6' 0"	M
" "	76	6' 0"	M	" "	71	6' 0"	F	" "	77	6' 0"	M
" "	70	7' 0"	F	" "	73	6' 0"	M	" "	60	7' 0"	F
" "	70	7' 0"	M	" "	73	6' 0"	M	" "	66	7' 0"	M
" "	71	7' 0"	M	" "	74	6' 0"	F	" "	69	7' 2"	M
" "	71	7' 11"	M	" "	74	6' 0"	M	" "	71	7' 0"	M
" "	72	7' 9"	M	" "	75	6' 6"	M	" "	72	7' 0"	F
" "	73	7' 0"	F	" "	75	6' 0"	M	" "	73	7' 0"	M

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>20</sup> / <sub>1</sub> 52	73	7' 0"	F	<sup>21</sup> / <sub>1</sub> 52	71	6' 0"	F	<sup>22</sup> / <sub>1</sub> 52	73	3' 0"	M
" "	68	8' 0"	F	" "	75	6' 0"	M	" "	75	3' 0"	M
" "	70	8' 10"	F	" "	68	7' 0"	F	" "	76	3' 0"	F
" "	70	8' 6"	M	" "	70	7' 2"	M	" "	67	4' 0"	F
" "	70	8' 0"	M	" "	71	7' 0"	M	" "	68	4' 0"	M
" "	71	8' 0"	M	" "	72	7' 0"	M	" "	70	4' 0"	M
" "	71	8' 0"	M	" "	73	7' 0"	F	" "	71	4' 0"	F
" "	72	8' 0"	M	" "	75	7' 4"	M	" "	71	4' 8"	F
" "	74	8' 6"	F	" "	66	8' 2"	M	" "	72	4' 0"	M
" "	74	8' 0"	F	" "	70	8' 3"	M	" "	74	4' 0"	M
" "	79	8' 0"	F	" "	71	8' 4"	F	" "	77	4' 0"	M
" "	72	9' 5"	F	" "	71	8' 8"	M	" "	67	5' 10"	M
" "	74	9' 0"	M	" "	74	8' 6"	M	" "	67	5' 3"	M
" "	77	9' 0"	M	" "	74	8' 0"	F	" "	68	5' 2"	F
" "	67	10' 9"	F	" "	75	8' 0"	M	" "	68	5' 0"	M
" "	69	10' 0"	F	" "	75	8' 0"	M	" "	68	5' 0"	M
" "	72	10' 0"	F	" "	76	8' 0"	M	" "	74	5' 0"	M
" "	74	10' 0"	F	" "	64	9' 0"	M	" "	75	5' 2"	F
" "	74	10' 0"	M	" "	70	9' 0"	M	" "	75	5' 0"	F
" "	74	10' 0"	M	" "	72	9' 0"	F	" "	75	5' 0"	F
" "	75	10' 6"	M	" "	72	9' 0"	M	" "	76	5' 0"	F
" "	72	11' 0"	M	" "	73	9' 0"	F	" "	69	6' 0"	F
" "	70	12' 0"	M	" "	67	10' 8"	M	" "	71	6' 0"	M
" "	70	12' 0"	M	" "	69	10' 0"	M	" "	72	6' 0"	F
" "	73	12' 0"	M	" "	70	10' 0"	F	" "	73	6' 0"	M
" "	76	12' 0"	M	" "	70	10' 0"	M	" "	73	6' 0"	M
<sup>21</sup> / <sub>1</sub> "	64	1' 6"	M	" "	70	10' 1"	F	" "	74	6' 0"	M
" "	72	2' 7"	M	" "	72	10' 0"	F	" "	75	6' 0"	F
" "	73	2' 0"	M	" "	72	10' 8"	F	" "	76	6' 0"	F
" "	74	2' 4"	F	" "	72	10' 0"	F	" "	64	7' 0"	F
" "	74	2' 7"	F	" "	73	10' 0"	F	" "	65	7' 4"	M
" "	78	2' 0"	M	" "	74	10' 0"	F	" "	67	7' 3"	F
" "	65	3' 0"	F	" "	74	10' 0"	F	" "	68	7' 4"	F
" "	66	3' 0"	F	" "	75	10' 0"	F	" "	69	7' 0"	F
" "	68	3' 0"	M	" "	75	10' 0"	M	" "	69	7' 3"	F
" "	70	3' 10"	M	" "	70	11' 0"	M	" "	71	7' 0"	F
" "	71	3' 6"	F	" "	71	11' 9"	F	" "	72	7' 0"	F
" "	72	3' 0"	F	" "	75	11' 0"	M	" "	74	7' 0"	F
" "	68	4' 0"	F	" "	71	12' 5"	F	" "	74	7' 0"	F
" "	68	4' 8"	F	" "	71	12' 11"	M	" "	74	7' 0"	M
" "	69	4' 2"	F	" "	72	12' 0"	F	" "	76	7' 0"	F
" "	69	4' 0"	M	" "	74	12' 0"	M	" "	76	7' 0"	F
" "	74	4' 0"	F	" "	76	12' 0"	M	" "	78	7' 0"	F
" "	74	4' 0"	F	" "	75	14' 0"	F	" "	67	8' 0"	F
" "	66	5' 1"	M	" "	84	15' 0"	M	" "	68	8' 7"	F
" "	69	5' 0"	F	<sup>22</sup> / <sub>1</sub> "	68	1' 6"	M	" "	68	8' 0"	M
" "	70	5' 10"	F	" "	71	1' 0"	M	" "	69	8' 0"	F
" "	70	5' 10"	M	" "	73	1' 0"	M	" "	69	8' 3"	M
" "	73	5' 0"	F	" "	69	2' 0"	F	" "	70	8' 0"	M
" "	73	5' 0"	M	" "	71	2' 0"	M	" "	72	8' 0"	M
" "	73	5' 1"	M	" "	71	2' 9"	F	" "	72	8' 7"	F
" "	75	5' 11"	F	" "	72	2' 10"	F	" "	73	8' 0"	F
" "	75	5' 0"	F	" "	78	2' 0"	M	" "	75	8' 0"	F
" "	80	5' 0"	F	" "	66	3' 0"	F	" "	80	8' 0"	M
" "	67	6' 0"	F	" "	68	3' 0"	M	" "	66	9' 0"	F
" "	68	6' 0"	M	" "	68	3' 11"	M	" "	68	9' 9"	F
" "	70	6' 3"	F	" "	69	3' 0"	M	" "	70	9' 0"	F
" "	71	6' 6"	M	" "	72	3' 0"	F	" "	71	9' 5"	F

Table No. 10.—*Fin-whale foetuses (cont.)*.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
22/1 52	73	9' 9"	M	23/1 52	80	10' 0"	F	25/1 52	71	5' 0"	F
" "	75	9' 0"	M	" "	70	11' 0"	F	" "	72	5' 0"	M
" "	76	9' 0"	F	" "	71	11' 0"	F	" "	74	5' 0"	M
" "	76	9' 0"	M	" "	71	11' 1"	M	" "	77	5' 0"	F
" "	71	10' 0"	M	" "	76	11' 0"	F	" "	64	6' 0"	F
" "	72	10' 0"	M	" "	76	11' 0"	F	" "	67	6' 0"	F
" "	72	10' 0"	F	" "	74	14' 0"	F	" "	67	6' 0"	F
" "	74	10' 0"	F	24/1 "	70	2' 0"	F	" "	69	6' 0"	M
" "	74	10' 0"	F	" "	75	3' 8"	M	" "	70	6' 1"	M
" "	66	11' 7"	M	" "	66	4' 0"	F	" "	71	6' 0"	M
" "	71	11' 0"	F	" "	73	4' 0"	M	" "	75	6' 6"	F
" "	70	12' 0"	F	" "	75	4' 0"	M	" "	69	7' 0"	M
" "	72	12' 0"	F	" "	69	5' 0"	M	" "	72	7' 0"	F
" "	72	12' 10"	F	" "	70	5' 9"	F	" "	73	7' 10"	F
" "	74	12' 3"	F	" "	71	5' 0"	M	" "	65	8' 5"	F
" "	77	12' 0"	F	" "	75	5' 0"	F	" "	72	8' 0"	F
" "	78	12' 0"	M	" "	69	6' 0"	M	" "	72	8' 0"	F
" "	73	13' 0"	F	" "	69	6' 0"	M	" "	72	8' 0"	M
23/1 "	68	1' 0"	M	" "	69	6' 0"	F	" "	73	8' 0"	F
" "	71	1' 0"	F	" "	70	6' 0"	M	" "	73	8' 0"	M
" "	73	1' 0"	M	" "	70	6' 6"	F	" "	73	8' 10"	F
" "	67	2' 8"	F	" "	72	6' 0"	F	" "	74	8' 0"	F
" "	71	2' 7"	M	" "	71	7' 0"	M	" "	75	8' 0"	F
" "	67	3' 0"	F	" "	71	7' 0"	M	" "	75	8' 0"	F
" "	69	3' 8"	M	" "	73	7' 0"	M	" "	75	8' 0"	F
" "	70	3' 3"	M	" "	75	7' 0"	F	" "	76	8' 0"	M
" "	71	3' 0"	M	" "	76	7' 5"	M	" "	77	8' 0"	M
" "	71	3' 11"	M	" "	69	8' 0"	F	" "	69	9' 0"	F
" "	72	3' 10"	F	" "	75	8' 0"	M	" "	71	9' 0"	M
" "	73	3' 5"	F	" "	75	8' 0"	M	" "	72	9' 0"	M
" "	64	4' 0"	M	" "	67	9' 0"	M	" "	73	9' 0"	M
" "	75	4' 0"	F	" "	68	9' 0"	F	" "	77	9' 0"	F
" "	72	5' 9"	M	" "	70	9' 4"	M	" "	75	9' 0"	F
" "	74	5' 0"	F	" "	70	9' 7"	F	" "	72	10' 0"	M
" "	74	5' 6"	F	" "	74	9' 0"	M	" "	73	10' 0"	F
" "	65	6' 0"	M	" "	75	9' 0"	M	" "	74	10' 0"	F
" "	65	6' 0"	M	" "	76	9' 0"	M	" "	75	10' 0"	F
" "	66	6' 4"	M	" "	77	9' 0"	F	" "	75	10' 0"	F
" "	67	6' 6"	F	" "	68	10' 0"	M	" "	80	10' 0"	M
" "	68	6' 10"	F	" "	73	10' 0"	M	" "	73	12' 0"	M
" "	70	6' 0"	F	" "	74	10' 0"	M	" "	72	13' 0"	M
" "	70	6' 0"	F	" "	74	10' 0"	M	" "	75	13' 0"	F
" "	73	6' 0"	M	" "	75	10' 0"	F	" "	77	13' 0"	F
" "	73	6' 0"	M	" "	69	11' 0"	F	" "	73	14' 0"	F
" "	78	6' 0"	M	" "	70	11' 0"	M	" "	75	14' 0"	F
" "	78	6' 0"	M	" "	71	11' 0"	M	" "	76	14' 0"	M
" "	69	7' 2"	F	" "	76	11' 0"	F	26/1 "	66	2' 5"	F
" "	70	7' 0"	M	" "	73	13' 0"	M	" "	68	2' 7"	M
" "	69	8' 6"	F	" "	75	14' 4"	F	" "	65	3' 4"	F
" "	70	8' 8"	M	" "	76	15' 0"	F	" "	66	3' 2"	M
" "	72	8' 1"	F	25/1 "	74	2' 0"	M	" "	66	4' 0"	M
" "	67	9' 2"	M	" "	76	2' 0"	F	" "	73	4' 0"	F
" "	69	9' 0"	M	" "	70	3' 0"	F	" "	65	5' 0"	F
" "	71	9' 0"	F	" "	71	3' 0"	F	" "	67	5' 0"	F
" "	71	9' 0"	M	" "	71	3' 10"	M	" "	68	6' 0"	F
" "	72	9' 0"	M	" "	73	3' 5"	M	" "	71	6' 0"	M
" "	69	10' 0"	M	" "	75	4' 0"	F	" "	71	6' 8"	M
" "	75	10' 0"	F	" "	66	5' 4"	F	" "	72	6' 6"	F

Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
26/1 52	74	6' 0"	F	27/1 52	71	7' 0"	F	28/1 52	68	7' 0"	M
" "	78	6' 0"	M	" "	72	7' 0"	F	" "	72	7' 0"	F
" "	70	7' 0"	M	" "	72	7' 0"	M	" "	73	7' 0"	F
" "	71	7' 0"	F	" "	73	7' 4"	M	" "	74	7' 0"	F
" "	75	7' 0"	F	" "	76	7' 0"	F	" "	76	7' 10"	M
" "	68	8' 0"	F	" "	68	8' 0"	M	" "	71	8' 1"	F
" "	72	8' 0"	F	" "	68	8' 0"	M	" "	72	8' 2"	F
" "	73	8' 0"	F	" "	69	8' 0"	M	" "	74	8' 0"	F
" "	73	8' 0"	M	" "	72	8' 5"	M	" "	74	8' 0"	M
" "	75	8' 0"	F	" "	73	8' 8"	M	" "	76	8' 0"	F
" "	69	9' 7"	M	" "	73	8' 1"	F	" "	80	8' 0"	M
" "	70	9' 0"	M	" "	74	8' 0"	M	" "	72	9' 6"	F
" "	71	9' 6"	F	" "	75	8' 0"	F	" "	74	9' 4"	F
" "	78	9' 0"	M	" "	67	9' 0"	M	" "	75	9' 0"	M
" "	68	10' 0"	M	" "	67	9' 0"	M	" "	71	10' 1"	F
" "	74	10' 0"	M	" "	71	9' 0"	M	" "	72	10' 0"	M
" "	75	10' 0"	F	" "	72	9' 8"	M	" "	72	10' 4"	F
" "	78	10' 0"	M	" "	72	9' 0"	F	" "	74	10' 10"	M
" "	78	10' 0"	F	" "	74	9' 0"	M	" "	75	10' 1"	F
" "	76	11' 0"	M	" "	75	9' 0"	F	" "	80	10' 0"	M
" "	76	11' 0"	M	" "	75	9' 11"	M	" "	69	11' 0"	M
" "	78	11' 0"	F	" "	78	9' 0"	M	" "	72	11' 9"	F
" "	70	12' 0"	M	" "	70	10' 0"	F	" "	76	11' 6"	F
" "	76	12' 0"	F	" "	72	10' 0"	M	" "	77	11' 0"	F
" "	71	13' 9"	M	" "	73	10' 0"	M	" "	78	11' 0"	F
" "	76	13' 4"	M	" "	73	10' 0"	F	" "	70	12' 0"	M
27/1 "	70	1' 5"	F	" "	69	11' 0"	M	" "	75	12' 0"	F
" "	70	1' 5"	M	" "	69	11' 0"	M	" "	75	12' 8"	M
" "	73	1' 5"	F	" "	70	11' 5"	F	" "	80	12' 0"	F
" "	65	2' 0"	M	" "	72	11' 0"	F	" "	81	12' 0"	M
" "	72	2' 10"	F	" "	72	11' 6"	F	" "	70	12' 0"	M
" "	73	2' 0"	F	" "	72	11' 3"	M	" "	76	13' 0"	M
" "	67	3' 0"	M	" "	76	11' 0"	M	29/1 "	75	1' 10"	M
" "	68	3' 2"	M	" "	76	11' 0"	F	" "	69	2' 0"	M
" "	69	3' 0"	F	" "	78	11' 0"	M	" "	70	2' 0"	M
" "	71	3' 0"	F	" "	72	11' 0"	M	" "	71	3' 0"	F
" "	73	3' 3"	M	" "	73	12' 0"	M	" "	74	3' 0"	M
" "	70	4' 5"	M	" "	73	12' 6"	F	" "	67	4' 1"	M
" "	71	4' 7"	F	" "	74	12' 0"	F	" "	70	4' 0"	M
" "	72	4' 0"	F	" "	72	13' 0"	F	" "	72	4' 0"	M
" "	74	4' 0"	M	" "	74	13' 0"	F	" "	74	4' 0"	M
" "	64	5' 6"	M	" "	76	13' 0"	M	" "	77	4' 0"	M
" "	65	5' 0"	F	" "	75	14' 0"	M	" "	69	5' 0"	M
" "	67	5' 0"	F	" "	71	17' 0"	M	" "	69	5' 2"	M
" "	69	5' 0"	F	28/1 "	73	2' 0"	M	" "	72	5' 0"	F
" "	77	5' 0"	M	" "	63	3' 8"	M	" "	75	5' 0"	M
" "	65	6' 8"	F	" "	72	3' 4"	M	" "	70	6' 0"	M
" "	68	6' 0"	M	" "	64	4' 0"	M	" "	70	6' 0"	M
" "	70	6' 0"	F	" "	74	4' 0"	F	" "	75	6' 0"	M
" "	72	6' 0"	F	" "	65	5' 10"	M	" "	74	7' 0"	M
" "	74	6' 0"	M	" "	71	5' 0"	F	" "	71	8' 0"	F
" "	64	7' 0"	M	" "	65	6' 0"	F	" "	74	8' 0"	F
" "	64	7' 0"	M	" "	70	6' 0"	F	" "	76	8' 0"	M
" "	66	7' 2"	F	" "	71	6' 0"	M	" "	77	8' 0"	F
" "	68	7' 6"	F	" "	74	6' 1"	F	" "	69	9' 6"	F
" "	70	7' 0"	M	" "	74	6' 0"	M	" "	71	9' 0"	M
" "	71	7' 0"	F	" "	64	7' 5"	F	" "	72	9' 9"	M
" "	71	7' 0"	F	" "	67	7' 3"	F	" "	71	10' 8"	M

Table No. 10—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>29</sup> / <sub>1</sub> 52	71	10' 2"	F	<sup>30</sup> / <sub>1</sub> 52	71	11' 0"	F	<sup>1</sup> / <sub>2</sub> 52	71	12' 0"	F
" "	72	10' 0"	F	" "	73	11' 1"	M	" "	72	12' 0"	F
" "	72	10' 0"	M	" "	75	11' 0"	F	" "	74	12' 3"	M
" "	75	10' 0"	F	" "	72	12' 0"	F	" "	71	13' 0"	M
" "	76	10' 0"	M	" "	75	12' 0"	F	" "	75	13' 0"	F
" "	78	10' 0"	F	" "	75	12' 0"	F	" "	75	13' 0"	F
" "	69	11' 10"	F	" "	76	12' 0"	M	" "	76	13' 0"	M
" "	69	11' 3"	F	" "	73	13' 10"	M	" "	68	1' 5"	M
" "	70	11' 8"	M	" "	74	14' 0"	M	<sup>2</sup> / <sub>2</sub> "	67	2' 1"	M
" "	74	11' 0"	M	<sup>31</sup> / <sub>1</sub> "	67	1' 0"	M	" "	69	2' 7"	F
" "	70	12' 0"	F	" "	67	4' 0"	M	" "	67	3' 0"	M
" "	76	12' 0"	M	" "	67	5' 0"	F	" "	67	3' 6"	M
" "	72	13' 0"	F	" "	73	6' 0"	M	" "	70	3' 8"	M
" "	73	13' 0"	F	" "	75	6' 0"	F	" "	70	3' 10"	F
<sup>30</sup> / <sub>1</sub> "	66	0' 11"	M	" "	78	6' 0"	F	" "	70	3' 6"	F
" "	73	0' 6"	M	" "	70	7' 0"	M	" "	63	4' 6"	F
" "	68	2' 7"	F	" "	70	8' 8"	M	" "	70	4' 8"	M
" "	64	3' 11"	M	" "	72	8' 0"	M	" "	71	4' 0"	F
" "	74	3' 0"	M	" "	74	8' 0"	F	" "	72	4' 2"	F
" "	77	3' 0"	M	" "	72	9' 0"	F	" "	75	4' 0"	M
" "	64	4' 3"	M	" "	75	9' 0"	M	" "	67	5' 6"	F
" "	70	4' 0"	F	" "	69	10' 4"	M	" "	68	5' 6"	M
" "	70	4' 9"	M	" "	70	10' 0"	M	" "	70	5' 0"	M
" "	71	4' 4"	F	" "	75	10' 0"	F	" "	70	5' 0"	M
" "	73	4' 0"	M	" "	74	11' 1"	F	" "	73	5' 4"	M
" "	71	5' 0"	M	<sup>1</sup> / <sub>2</sub> "	71	1' 0"	F	" "	77	5' 0"	M
" "	73	5' 0"	M	" "	74	1' 0"	M	" "	70	6' 6"	F
" "	72	6' 0"	F	" "	68	3' 4"	M	" "	70	6' 7"	M
" "	75	6' 0"	F	" "	70	3' 7"	F	" "	71	6' 0"	M
" "	76	6' 0"	F	" "	73	3' 10"	F	" "	73	6' 0"	M
" "	69	7' 11"	F	" "	69	4' 0"	M	" "	67	7' 9"	M
" "	69	7' 2"	F	" "	70	4' 0"	F	" "	68	7' 6"	F
" "	73	7' 6"	F	" "	72	4' 0"	M	" "	68	7' 3"	M
" "	75	7' 0"	M	" "	67	5' 7"	F	" "	70	7' 6"	F
" "	66	8' 0"	F	" "	72	5' 0"	M	" "	71	7' 1"	F
" "	69	8' 0"	F	" "	76	5' 0"	M	" "	74	7' 6"	F
" "	70	8' 10"	M	" "	67	6' 0"	M	" "	65	8' 0"	F
" "	72	8' 0"	M	" "	74	6' 0"	F	" "	66	8' 3"	M
" "	73	8' 0"	M	" "	68	7' 8"	F	" "	67	8' 0"	F
" "	73	8' 6"	F	" "	73	8' 1"	F	" "	69	8' 10"	F
" "	73	8' 0"	M	" "	73	8' 0"	M	" "	70	8' 0"	M
" "	66	9' 4"	M	" "	74	8' 4"	M	" "	71	9' 6"	F
" "	68	9' 10"	F	" "	66	9' 0"	M	" "	73	9' 1"	M
" "	69	9' 0"	F	" "	67	9' 6"	M	" "	74	9' 0"	M
" "	69	9' 10"	F	" "	70	9' 9"	M	" "	74	9' 11"	M
" "	71	9' 8"	F	" "	76	9' 0"	F	" "	71	10' 8"	F
" "	72	9' 0"	F	" "	65	10' 0"	F	" "	75	10' 4"	M
" "	73	9' 0"	F	" "	69	10' 1"	F	" "	69	11' 0"	M
" "	73	9' 6"	F	" "	72	10' 0"	F	" "	70	11' 0"	F
" "	74	9' 0"	F	" "	72	10' 0"	M	" "	70	11' 7"	F
" "	74	9' 5"	M	" "	72	10' 4"	F	" "	71	11' 5"	F
" "	67	10' 0"	F	" "	69	11' 8"	M	" "	71	11' 5"	F
" "	69	10' 0"	F	" "	70	11' 7"	F	" "	71	11' 1"	M
" "	72	10' 0"	M	" "	71	11' 0"	F	" "	69	12' 6"	F
" "	73	10' 0"	M	" "	73	11' 5"	F	" "	70	12' 1"	F
" "	74	10' 0"	F	" "	78	11' 0"	F	" "	73	12' 0"	F
" "	74	10' 11"	M	" "	68	12' 0"	M	" "	73	12' 0"	M
" "	75	10' 0"	M	" "	71	12' 0"	F	" "	71	13' 3"	M

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
2/2 52	74	13' 0"	F	4/2 52	73	9' 0"	F	5/2 52	77	11' 0"	F
" "	74	13' 7"	M	" "	75	10' 0"	M	" "	69	12' 0"	M
" "	77	14' 0"	M	" "	76	10' 0"	F	" "	71	12' 0"	M
3/2 "	64	3' 6"	F	" "	72	11' 0"	F	" "	71	12' 2"	F
" "	74	3' 0"	F	" "	72	12' 0"	M	" "	72	12' 0"	F
" "	78	3' 0"	M	" "	68	13' 6"	F	" "	72	12' 0"	M
" "	73	5' 6"	F	" "	73	13' 0"	F	" "	76	12' 0"	F
" "	65	6' 0"	M	" "	73	14' 0"	F	" "	77	12' 0"	F
" "	71	6' 0"	F	" "	72	15' 0"	F	" "	77	12' 3"	F
" "	72	6' 1"	F	5/2 "	72	2' 8"	M	" "	77	12' 0"	M
" "	73	6' 4"	F	" "	73	2' 4"	F	" "	71	13' 0"	M
" "	77	6' 4"	F	" "	70	3' 0"	M	" "	71	13' 0"	F
" "	67	7' 6"	M	" "	70	3' 0"	M	" "	74	13' 0"	M
" "	69	7' 1"	M	" "	72	3' 7"	F	" "	73	14' 0"	M
" "	73	7' 2"	F	" "	73	3' 10"	M	" "	75	14' 0"	F
" "	74	7' 0"	F	" "	75	3' 0"	M	" "	73	16' 0"	M
" "	70	8' 4"	F	" "	75	3' 0"	M	6/2 "	68	1' 0"	M
" "	73	8' 10"	F	" "	75	3' 0"	F	" "	73	2' 0"	F
" "	77	8' 6"	M	" "	77	3' 0"	F	" "	72	3' 0"	F
" "	70	9' 0"	M	" "	73	4' 0"	F	" "	68	4' 0"	M
" "	72	9' 0"	M	" "	74	4' 0"	F	" "	69	4' 0"	F
" "	75	9' 0"	F	" "	77	4' 0"	M	" "	69	4' 8"	M
" "	64	10' 0"	F	" "	63	5' 0"	F	" "	72	4' 5"	F
" "	68	10' 5"	M	" "	68	5' 0"	M	" "	72	5' 0"	F
" "	72	10' 2"	F	" "	70	5' 0"	M	" "	66	6' 0"	M
" "	74	10' 0"	F	" "	76	5' 3"	F	" "	68	6' 0"	M
" "	74	10' 0"	F	" "	63	6' 0"	F	" "	69	6' 0"	F
" "	75	10' 0"	F	" "	69	6' 2"	M	" "	69	6' 0"	M
" "	77	10' 0"	F	" "	71	6' 0"	F	" "	69	6' 0"	M
" "	69	11' 0"	F	" "	72	6' 0"	M	" "	74	6' 0"	F
" "	72	11' 6"	F	" "	68	7' 6"	M	" "	74	6' 0"	M
" "	73	11' 10"	F	" "	69	7' 8"	M	" "	67	7' 7"	M
" "	71	12' 2"	M	" "	70	7' 0"	F	" "	71	7' 4"	M
" "	73	12' 1"	F	" "	70	7' 0"	M	" "	71	7' 0"	F
" "	76	12' 0"	M	" "	71	7' 0"	F	" "	75	7' 0"	F
" "	76	14' 0"	M	" "	71	7' 0"	F	" "	78	7' 0"	M
" "	74	16' 0"	M	" "	72	7' 0"	M	" "	79	7' 0"	F
" "	75	16' 0"	F	" "	74	7' 2"	M	" "	70	8' 0"	F
4/2 "	65	1' 0"	M	" "	74	7' 0"	M	" "	72	8' 0"	F
" "	68	2' 0"	M	" "	75	7' 0"	F	" "	76	8' 0"	M
" "	75	3' 0"	M	" "	76	7' 0"	F	" "	69	9' 0"	M
" "	68	4' 0"	F	" "	69	8' 0"	M	" "	70	9' 2"	M
" "	72	4' 6"	F	" "	70	8' 0"	F	" "	72	9' 0"	M
" "	72	4' 8"	F	" "	71	8' 0"	M	" "	73	9' 0"	M
" "	74	4' 0"	M	" "	64	9' 0"	M	" "	74	9' 0"	M
" "	75	5' 0"	F	" "	66	9' 6"	F	" "	75	9' 0"	F
" "	77	5' 0"	F	" "	72	9' 1"	M	" "	68	10' 1"	F
" "	68	6' 7"	F	" "	75	9' 5"	M	" "	71	10' 0"	F
" "	71	6' 0"	F	" "	76	9' 0"	M	" "	72	10' 0"	F
" "	72	6' 0"	F	" "	68	10' 8"	F	" "	72	10' 0"	M
" "	72	6' 0"	F	" "	71	10' 0"	M	" "	72	10' 0"	M
" "	79	6' 0"	F	" "	71	10' 10"	M	" "	73	10' 0"	F
" "	70	7' 0"	M	" "	73	10' 0"	M	" "	73	10' 0"	F
" "	71	7' 0"	F	" "	73	10' 0"	M	" "	76	10' 0"	M
" "	72	7' 0"	M	" "	74	10' 0"	F	" "	76	10' 0"	M
" "	80	7' 0"	F	" "	74	10' 0"	M	" "	77	10' 0"	F
" "	69	8' 5"	M	" "	74	10' 6"	F	" "	71	11' 1"	M
" "	74	8' 0"	M	" "	75	10' 3"	F	" "	73	11' 0"	F
" "	70	9' 6"	F	" "	73	11' 0"	F	" "	74	11' 10"	M

Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{6}{2}$ 52	70	12' 0"	F	$\frac{7}{2}$ 52	71	11' 0"	F	$\frac{8}{2}$ 52	70	10' 0"	M
" "	72	12' 2"	M	" "	71	11' 2"	M	" "	74	10' 0"	F
" "	74	12' 10"	M	" "	72	11' 0"	F	" "	74	10' 0"	F
" "	75	12' 0"	F	" "	72	11' 0"	F	" "	76	10' 0"	M
" "	78	12' 0"	M	" "	77	11' 0"	M	" "	75	10' 0"	M
" "	76	13' 0"	M	" "	70	12' 0"	F	" "	70	11' 0"	M
" "	76	13' 9"	M	" "	72	12' 0"	M	" "	70	11' 0"	F
" "	76	15' 0"	F	" "	75	12' 10"	F	" "	70	11' 0"	F
$\frac{7}{2}$ "	74	1' 7"	F	" "	73	14' 0"	M	" "	72	11' 0"	M
" "	68	2' 0"	F	" "	73	14' 0"	M	" "	74	11' 0"	M
" "	76	2' 0"	M	" "	74	14' 0"	M	" "	75	11' 0"	M
" "	63	3' 0"	F	" "	75	14' 0"	F	" "	75	11' 0"	F
" "	71	3' 0"	F	" "	76	15' 0"	F	" "	76	11' 0"	F
" "	73	3' 0"	F	$\frac{8}{2}$ "	70	2' 0"	M	" "	76	11' 0"	F
" "	68	4' 0"	M	" "	70	2' 0"	M	" "	69	12' 6"	M
" "	73	4' 0"	F	" "	72	2' 0"	M	" "	71	12' 0"	M
" "	76	4' 0"	F	" "	73	2' 0"	M	" "	72	12' 0"	M
" "	84	4' 0"	F	" "	73	2' 0"	F	" "	74	12' 0"	F
" "	66	5' 0"	M	" "	75	2' 0"	M	" "	75	12' 0"	M
" "	68	5' 0"	F	" "	76	2' 0"	F	" "	78	12' 0"	F
" "	68	5' 0"	F	" "	64	3' 0"	M	" "	73	13' 0"	M
" "	68	5' 3"	F	" "	70	3' 0"	M	" "	76	13' 0"	F
" "	69	5' 0"	M	" "	72	3' 0"	M	" "	72	14' 0"	F
" "	69	5' 4"	M	" "	73	3' 0"	M	" "	76	14' 0"	F
" "	70	5' 0"	M	" "	68	4' 0"	F	" "	74	15' 0"	M
" "	75	5' 0"	M	" "	66	5' 0"	M	" "	73	16' 0"	F
" "	76	5' 0"	M	" "	69	5' 0"	F	" "	77	18' 0"	M
" "	70	6' 0"	M	" "	71	5' 0"	M	$\frac{9}{2}$ "	72	1' 10"	M
" "	70	6' 0"	M	" "	63	6' 0"	M	" "	71	3' 0"	F
" "	71	6' 6"	F	" "	66	6' 0"	M	" "	72	3' 5"	F
" "	72	6' 0"	F	" "	67	6' 0"	M	" "	75	3' 0"	F
" "	74	6' 0"	M	" "	68	6' 0"	F	" "	68	4' 0"	F
" "	77	6' 0"	M	" "	68	6' 0"	F	" "	71	4' 4"	M
" "	71	7' 0"	M	" "	69	6' 0"	F	" "	73	4' 0"	F
" "	71	7' 0"	M	" "	70	6' 0"	M	" "	74	4' 0"	M
" "	71	7' 0"	M	" "	70	6' 0"	M	" "	74	4' 9"	M
" "	73	7' 8"	F	" "	70	6' 0"	F	" "	65	5' 0"	F
" "	74	7' 0"	M	" "	73	6' 0"	F	" "	69	5' 0"	F
" "	78	7' 0"	M	" "	73	6' 0"	F	" "	76	5' 0"	M
" "	67	8' 0"	M	" "	74	6' 0"	M	" "	77	5' 0"	M
" "	69	8' 11"	F	" "	67	7' 0"	M	" "	79	5' 0"	F
" "	72	8' 0"	M	" "	70	7' 0"	M	" "	65	6' 0"	F
" "	78	8' 0"	M	" "	72	7' 3"	M	" "	69	6' 11"	F
" "	66	9' 0"	F	" "	73	7' 0"	F	" "	70	6' 0"	F
" "	67	9' 0"	M	" "	74	7' 6"	M	" "	70	6' 0"	M
" "	68	9' 9"	F	" "	74	7' 0"	F	" "	70	6' 0"	M
" "	70	9' 8"	F	" "	75	7' 0"	M	" "	73	6' 0"	M
" "	72	9' 0"	F	" "	78	7' 0"	M	" "	76	6' 0"	F
" "	73	9' 0"	F	" "	62	8' 0"	F	" "	76	6' 0"	M
" "	73	9' 11"	F	" "	67	8' 0"	F	" "	64	7' 10"	F
" "	74	9' 3"	M	" "	70	8' 0"	F	" "	65	7' 4"	M
" "	75	9' 0"	F	" "	72	8' 0"	F	" "	69	7' 9"	M
" "	70	10' 0"	F	" "	73	8' 0"	F	" "	70	7' 6"	M
" "	70	10' 0"	F	" "	73	8' 0"	M	" "	75	7' 0"	F
" "	73	10' 0"	F	" "	75	8' 0"	F	" "	80	7' 0"	M
" "	76	10' 0"	M	" "	70	9' 3"	F	" "	69	8' 0"	M
" "	76	10' 0"	F	" "	71	9' 0"	M	" "	71	8' 9"	M
" "	69	11' 0"	F	" "	76	9' 0"	M	" "	72	8' 0"	M
" "	70	11' 10"	M	" "	77	9' 0"	F	" "	72	8' 0"	M



Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>9</sup> / <sub>2</sub> 52	73	8' 0"	F	<sup>10</sup> / <sub>2</sub> 52	67	1' 6"	F	<sup>10</sup> / <sub>2</sub> 52	70	11' 0"	F
" "	75	8' 0"	F	" "	70	1' 0"	F	" "	74	11' 0"	M
" "	76	8' 0"	F	" "	69	2' 0"	M	" "	74	11' 0"	F
" "	68	9' 0"	M	" "	71	2' 9"	M	" "	68	12' 0"	F
" "	68	9' 6"	F	" "	63	3' 0"	F	" "	71	12' 0"	M
" "	68	9' 1"	M	" "	71	3' 0"	F	" "	72	12' 0"	M
" "	71	9' 0"	F	" "	72	3' 8"	F	" "	73	12' 0"	M
" "	71	9' 0"	M	" "	68	4' 0"	M	" "	74	12' 0"	M
" "	72	9' 6"	M	" "	72	4' 0"	F	" "	77	12' 0"	F
" "	72	9' 8"	F	" "	72	4' 0"	F	" "	72	13' 0"	F
" "	75	9' 0"	F	" "	72	4' 5"	F	" "	73	13' 0"	M
" "	65	10' 7"	M	" "	75	4' 0"	M	" "	74	14' 0"	M
" "	69	10' 8"	M	" "	76	4' 0"	F	" "	79	14' 0"	F
" "	71	10' 8"	M	" "	68	5' 0"	F	" "	79	15' 0"	M
" "	72	10' 2"	F	" "	69	5' 0"	F	" "	78	16' 0"	F
" "	73	10' 0"	M	" "	71	5' 0"	F	<sup>11</sup> / <sub>2</sub> "	74	1' 6"	M
" "	73	10' 3"	F	" "	73	5' 0"	F	" "	72	2' 0"	F
" "	74	10' 0"	F	" "	73	5' 1"	M	" "	74	2' 9"	F
" "	74	10' 0"	F	" "	74	5' 0"	F	" "	70	3' 10"	F
" "	74	10' 5"	F	" "	74	5' 0"	F	" "	66	4' 9"	F
" "	75	10' 0"	F	" "	75	5' 0"	F	" "	69	4' 1"	M
" "	69	11' 0"	F	" "	77	5' 0"	M	" "	72	4' 0"	M
" "	69	11' 4"	F	" "	68	6' 0"	F	" "	72	4' 0"	F
" "	70	11' 0"	F	" "	69	6' 0"	F	" "	72	4' 0"	F
" "	70	11' 0"	F	" "	71	6' 0"	M	" "	72	4' 0"	M
" "	70	11' 0"	F	" "	73	6' 0"	F	" "	65	5' 10"	M
" "	71	11' 11"	F	" "	74	6' 10"	M	" "	69	5' 0"	M
" "	72	11' 0"	F	" "	75	6' 4"	M	" "	69	5' 0"	M
" "	72	11' 4"	M	" "	76	6' 0"	M	" "	70	5' 0"	M
" "	75	11' 0"	M	" "	79	6' 0"	M	" "	71	5' 4"	M
" "	68	12' 2"	F	" "	68	7' 0"	M	" "	72	5' 0"	M
" "	69	12' 0"	F	" "	69	7' 6"	F	" "	72	5' 6"	F
" "	70	12' 0"	M	" "	70	7' 0"	M	" "	73	5' 0"	F
" "	70	12' 8"	M	" "	71	7' 0"	M	" "	73	5' 5"	F
" "	71	12' 5"	F	" "	71	7' 3"	M	" "	75	5' 0"	M
" "	71	12' 5"	F	" "	72	7' 4"	M	" "	67	5' 0"	M
" "	73	12' 0"	F	" "	74	7' 0"	F	" "	66	6' 6"	M
" "	73	12' 0"	M	" "	67	8' 0"	F	" "	67	6' 7"	M
" "	74	12' 0"	M	" "	70	8' 0"	M	" "	67	6' 0"	M
" "	75	12' 0"	F	" "	72	8' 0"	M	" "	67	6' 4"	F
" "	75	12' 0"	F	" "	72	8' 0"	F	" "	70	6' 0"	F
" "	76	12' 0"	F	" "	72	8' 0"	M	" "	70	6' 8"	F
" "	78	12' 0"	M	" "	73	8' 0"	M	" "	75	6' 0"	M
" "	71	12' 7"	M	" "	76	8' 0"	F	" "	75	6' 0"	M
" "	71	13' 7"	M	" "	62	9' 0"	F	" "	76	6' 0"	M
" "	72	13' 0"	M	" "	66	9' 0"	M	" "	67	6' 0"	F
" "	72	13' 4"	M	" "	68	9' 5"	F	" "	67	6' 2"	M
" "	73	13' 5"	F	" "	70	9' 0"	M	" "	64	7' 0"	M
" "	75	13' 0"	F	" "	70	9' 3"	M	" "	65	7' 7"	M
" "	76	13' 0"	M	" "	72	9' 0"	F	" "	68	7' 0"	M
" "	76	13' 0"	M	" "	72	9' 0"	M	" "	68	7' 4"	F
" "	71	14' 3"	F	" "	73	9' 0"	M	" "	76	7' 0"	M
" "	72	14' 0"	F	" "	73	9' 0"	M	" "	63	8' 0"	M
" "	75	14' 9"	F	" "	76	9' 0"	M	" "	68	8' 0"	F
" "	79	14' 0"	F	" "	67	10' 2"	M	" "	68	8' 0"	M
" "	74	15' 0"	M	" "	70	10' 8"	F	" "	69	8' 0"	F
" "	78	15' 0"	F	" "	75	10' 0"	F	" "	69	8' 0"	F
" "	74	16' 0"	F	" "	76	10' 0"	M	" "	70	8' 7"	F
" "	79	16' 0"	F	" "	67	11' 0"	F	" "	72	8' 0"	F

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
11 <sup>1</sup> / <sub>2</sub> 52	72	8' 0"	F	12 <sup>1</sup> / <sub>2</sub> 52	68	3' 5"	F	13 <sup>1</sup> / <sub>2</sub> 52	67	2' 0"	M
" "	72	8' 0"	F	" "	70	4' 0"	F	" "	66	3' 0"	F
" "	74	8' 0"	M	" "	72	4' 0"	F	" "	68	3' 9"	M
" "	74	8' 0"	F	" "	67	5' 0"	M	" "	72	3' 0"	F
" "	65	9' 0"	M	" "	67	5' 0"	M	" "	72	3' 0"	M
" "	67	9' 0"	M	" "	69	5' 0"	M	" "	72	3' 0"	M
" "	68	9' 7"	M	" "	70	5' 0"	M	" "	73	3' 0"	M
" "	69	9' 10"	F	" "	71	5' 0"	F	" "	73	3' 6"	F
" "	69	9' 10"	F	" "	72	5' 0"	F	" "	71	4' 0"	F
" "	69	9' 6"	F	" "	72	5' 0"	F	" "	72	4' 0"	M
" "	71	9' 0"	F	" "	74	5' 0"	F	" "	72	4' 3"	F
" "	71	9' 5"	M	" "	77	5' 9"	M	" "	73	4' 6"	F
" "	71	9' 7"	F	" "	67	6' 0"	F	" "	66	5' 3"	M
" "	72	9' 0"	M	" "	70	6' 0"	F	" "	71	5' 8"	M
" "	72	9' 5"	M	" "	70	6' 4"	M	" "	71	6' 0"	F
" "	72	9' 2"	M	" "	70	6' 9"	M	" "	71	6' 11"	M
" "	73	9' 10"	M	" "	73	6' 0"	F	" "	72	6' 10"	F
" "	74	9' 10"	M	" "	74	6' 5"	F	" "	74	6' 0"	M
" "	68	10' 5"	M	" "	67	7' 0"	F	" "	76	6' 0"	F
" "	70	10' 9"	F	" "	70	7' 5"	F	" "	75	7' 0"	M
" "	71	10' 0"	M	" "	71	7' 2"	M	" "	78	7' 0"	M
" "	71	10' 5"	F	" "	71	7' 8"	F	" "	67	8' 0"	F
" "	72	10' 0"	M	" "	73	7' 11"	F	" "	69	8' 0"	M
" "	70	10' 4"	F	" "	64	8' 0"	F	" "	76	8' 0"	M
" "	71	11' 0"	F	" "	65	8' 0"	F	" "	67	9' 11"	M
" "	71	11' 5"	F	" "	70	8' 0"	F	" "	67	9' 6"	M
" "	71	11' 2"	F	" "	71	8' 0"	F	" "	72	9' 0"	M
" "	72	11' 0"	F	" "	73	8' 0"	F	" "	74	9' 0"	M
" "	73	11' 0"	F	" "	76	8' 6"	M	" "	74	9' 0"	M
" "	74	11' 3"	F	" "	69	9' 7"	F	" "	72	9' 7"	M
" "	67	12' 8"	M	" "	69	9' 10"	F	" "	70	10' 6"	M
" "	70	12' 5"	F	" "	75	9' 0"	M	" "	71	10' 0"	F
" "	71	12' 0"	F	" "	75	9' 6"	F	" "	72	10' 0"	F
" "	71	12' 0"	M	" "	72	10' 0"	M	" "	73	10' 9"	F
" "	71	12' 9"	M	" "	72	10' 0"	M	" "	76	10' 0"	M
" "	71	12' 2"	M	" "	72	10' 11"	M	" "	67	11' 3"	F
" "	72	12' 0"	M	" "	75	10' 0"	M	" "	69	11' 1"	F
" "	72	12' 0"	F	" "	64	11' 0"	F	" "	71	11' 10"	M
" "	73	12' 6"	M	" "	68	11' 0"	F	" "	74	11' 9"	M
" "	74	12' 0"	F	" "	69	11' 4"	F	" "	70	12' 10"	F
" "	74	12' 4"	F	" "	70	11' 7"	M	" "	71	12' 0"	F
" "	71	13' 10"	M	" "	74	11' 0"	F	" "	73	12' 0"	F
" "	72	13' 0"	M	" "	76	11' 0"	M	" "	73	12' 0"	F
" "	73	13' 3"	M	" "	78	11' 0"	F	" "	74	12' 10"	M
" "	74	13' 0"	F	" "	72	12' 0"	F	" "	76	12' 0"	M
" "	75	13' 0"	M	" "	75	12' 0"	F	" "	73	13' 6"	M
" "	72	14' 0"	M	" "	76	12' 0"	M	" "	74	13' 0"	M
" "	73	14' 0"	M	" "	76	12' 0"	M	" "	76	13' 0"	F
" "	74	14' 11"	M	" "	67	13' 0"	M	" "	71	13' 1"	F
" "	75	14' 0"	M	" "	70	13' 0"	M	" "	75	15' 0"	M
" "	73	15' 0"	F	" "	70	13' 9"	M	" "	72	17' 0"	M
" "	76	15' 0"	M	" "	72	14' 0"	M	14 <sup>1</sup> / <sub>2</sub>	71	2' 0"	M
" "	73	16' 6"	F	" "	73	14' 0"	M	" "	74	2' 0"	M
" "	76	16' 0"	M	" "	74	14' 3"	F	" "	75	2' 0"	M
" "	"	"	"	" "	74	14' 9"	F	" "	68	3' 5"	M
12 <sup>1</sup> / <sub>2</sub> "	68	1' 6"	F	" "	76	14' 3"	F	" "	68	3' 5"	M
" "	70	1' 0"	M	" "	77	14' 5"	F	" "	69	4' 0"	F
" "	70	2' 0"	M	" "	76	17' 0"	M	" "	72	5' 0"	F
" "	72	2' 0"	M	" "	73	18' 0"	F	" "	72	5' 0"	M

Table No. 10.—*Fin-whale foetuses (cont.)*.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$14\frac{1}{2}$ 52	73	5' 0"	M	$15\frac{1}{2}$ 52	68	8' 0"	F	$16\frac{1}{2}$ 52	74	5' 0"	F
" "	68	6' 0"	F	" "	68	8' 0"	F	" "	68	6' 9"	M
" "	68	6' 0"	F	" "	70	8' 2"	F	" "	69	6' 8"	F
" "	73	6' 0"	M	" "	71	8' 7"	F	" "	69	6' 0"	M
" "	74	6' 0"	F	" "	72	8' 0"	F	" "	70	6' 0"	M
" "	66	7' 0"	F	" "	73	8' 0"	F	" "	70	6' 0"	F
" "	69	7' 0"	M	" "	73	8' 0"	F	" "	71	6' 0"	F
" "	72	7' 3"	M	" "	68	9' 0"	M	" "	67	7' 3"	M
" "	75	7' 0"	F	" "	68	9' 11"	M	" "	69	7' 0"	F
" "	68	8' 4"	M	" "	69	9' 3"	F	" "	70	7' 0"	M
" "	70	8' 0"	M	" "	70	9' 3"	F	" "	72	7' 0"	M
" "	75	8' 0"	F	" "	72	9' 9"	M	" "	75	7' 0"	M
" "	72	9' 0"	M	" "	73	9' 0"	M	" "	68	8' 0"	M
" "	73	9' 0"	F	" "	75	9' 0"	M	" "	68	8' 1"	F
" "	73	9' 0"	M	" "	70	10' 11"	M	" "	69	8' 10"	F
" "	73	9' 0"	F	" "	73	10' 0"	F	" "	70	8' 0"	F
" "	71	10' 0"	F	" "	73	10' 0"	F	" "	71	8' 0"	F
" "	73	10' 0"	M	" "	74	10' 0"	F	" "	77	8' 0"	F
" "	74	10' 0"	M	" "	75	10' 0"	F	" "	80	8' 0"	F
" "	75	10' 0"	F	" "	76	10' 0"	M	" "	67	9' 4"	F
" "	67	11' 6"	M	" "	67	11' 6"	F	" "	70	9' 0"	M
" "	72	11' 0"	M	" "	70	11' 0"	M	" "	71	9' 0"	F
" "	74	11' 0"	M	" "	70	11' 3"	M	" "	73	9' 0"	F
" "	71	12' 0"	M	" "	71	11' 6"	F	" "	75	9' 0"	M
" "	74	12' 0"	F	" "	71	11' 5"	F	" "	67	10' 0"	M
" "	68	13' 0"	F	" "	74	11' 0"	F	" "	68	10' 9"	M
" "	72	13' 0"	F	" "	74	11' 9"	F	" "	70	10' 0"	M
" "	78	13' 0"	M	" "	75	11' 6"	M	" "	70	10' 8"	F
" "	76	14' 0"	F	" "	76	11' 0"	M	" "	71	10' 8"	M
" "	71	15' 0"	F	" "	68	12' 0"	M	" "	72	10' 5"	F
" "	74	16' 0"	M	" "	71	12' 2"	M	" "	73	10' 0"	M
" "	75	16' 0"	F	" "	71	12' 5"	F	" "	74	10' 0"	M
$15\frac{1}{2}$ 67	2' 7"	F	" "	72	12' 0"	F	" "	69	11' 0"	F	
" "	69	2' 9"	M	" "	72	12' 1"	F	" "	70	11' 0"	M
" "	70	2' 0"	F	" "	73	12' 0"	F	" "	70	11' 4"	M
" "	70	2' 0"	F	" "	74	12' 0"	F	" "	72	11' 10"	F
" "	71	2' 0"	M	" "	75	12' 0"	F	" "	73	11' 8"	F
" "	73	2' 0"	F	" "	75	12' 0"	M	" "	76	11' 0"	F
" "	74	2' 0"	F	" "	75	12' 0"	F	" "	76	11' 0"	M
" "	71	3' 5"	M	" "	76	12' 2"	M	" "	66	12' 6"	F
" "	75	3' 8"	F	" "	70	13' 4"	F	" "	67	12' 10"	F
" "	68	4' 8"	M	" "	72	13' 4"	F	" "	70	12' 0"	M
" "	72	4' 0"	F	" "	72	13' 0"	M	" "	72	12' 2"	F
" "	72	4' 3"	F	" "	73	13' 3"	F	" "	73	12' 0"	M
" "	77	4' 0"	M	" "	75	13' 0"	F	" "	74	12' 4"	F
" "	70	5' 0"	M	" "	75	13' 0"	F	" "	69	13' 0"	F
" "	72	5' 1"	F	" "	73	13' 5"	M	" "	70	13' 5"	M
" "	74	5' 2"	M	" "	74	14' 10"	F	" "	74	13' 0"	M
" "	75	5' 0"	F	" "	75	14' 4"	F	" "	75	13' 0"	F
" "	65	6' 0"	M	" "	76	14' 0"	M	" "	71	14' 0"	F
" "	69	6' 6"	F	" "	70	15' 0"	F	" "	73	14' 2"	M
" "	70	6' 3"	F	" "	76	15' 0"	M	" "	73	14' 1"	M
" "	71	6' 0"	M	$16\frac{1}{2}$ "	69	3' 6"	M	" "	73	14' 9"	F
" "	63	7' 6"	M	" "	72	3' 8"	F	" "	76	14' 0"	M
" "	74	7' 2"	F	" "	73	3' 3"	M	" "	75	15' 0"	M
" "	75	7' 8"	F	" "	69	4' 4"	M	" "	74	17' 0"	F
" "	65	8' 7"	M	" "	70	4' 9"	F	$17\frac{1}{2}$ "	66	2' 9"	M
" "	67	8' 0"	M	" "	67	5' 1"	F	" "	75	2' 0"	F

Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
17/2 52	76	2' 0"	M	17/2 52	75	14' 0"	M	18/2 52	75	13' 0"	M
" "	75	3' 0"	M	" "	77	14' 0"	F	" "	78	13' 0"	F
" "	75	3' 0"	M	" "	72	15' 0"	F	" "	73	14' 0"	F
" "	68	4' 0"	F	" "	76	15' 0"	M	" "	74	14' 0"	F
" "	73	4' 0"	F	" "	72	17' 0"	F	" "	76	14' 0"	F
" "	66	5' 0"	M	" "	76	17' 0"	F	" "	76	14' 0"	M
" "	70	5' 4"	F	18/2 "	75	1' 0"	M	" "	78	14' 0"	F
" "	71	5' 0"	F	" "	70	3' 0"	M	" "	80	14' 0"	M
" "	74	5' 0"	M	" "	71	3' 0"	M	" "	74	15' 0"	M
" "	75	5' 0"	M	" "	75	3' 0"	F	" "	75	15' 0"	F
" "	77	5' 0"	F	" "	64	4' 0"	M	19/2 "	69	1' 0"	M
" "	68	6' 6"	M	" "	68	4' 8"	F	" "	74	2' 0"	M
" "	70	6' 2"	M	" "	73	4' 9"	F	" "	72	3' 0"	F
" "	70	6' 11"	M	" "	65	5' 0"	M	" "	77	3' 0"	F
" "	71	6' 0"	F	" "	69	5' 0"	M	" "	77	3' 0"	M
" "	71	6' 0"	F	" "	67	6' 2"	M	" "	66	4' 0"	F
" "	75	6' 0"	M	" "	70	6' 0"	F	" "	71	4' 0"	M
" "	76	6' 0"	F	" "	71	6' 0"	F	" "	72	4' 0"	F
" "	76	6' 0"	F	" "	72	6' 7"	F	" "	72	4' 0"	F
" "	70	7' 0"	M	" "	66	7' 3"	F	" "	73	4' 0"	M
" "	73	7' 0"	M	" "	69	7' 0"	F	" "	76	4' 0"	F
" "	75	7' 0"	F	" "	72	7' 9"	M	" "	69	5' 0"	M
" "	79	7' 0"	M	" "	75	7' 0"	F	" "	70	5' 0"	M
" "	70	8' 0"	M	" "	75	7' 0"	F	" "	71	5' 0"	F
" "	75	8' 0"	F	" "	68	8' 3"	M	" "	75	5' 0"	F
" "	76	8' 0"	F	" "	68	8' 0"	F	" "	68	7' 0"	F
" "	76	8' 0"	F	" "	69	8' 0"	M	" "	70	7' 0"	M
" "	76	8' 0"	M	" "	70	8' 9"	M	" "	74	7' 0"	F
" "	66	9' 0"	F	" "	73	8' 0"	M	" "	74	7' 6"	F
" "	67	9' 0"	F	" "	73	8' 9"	F	" "	70	8' 0"	M
" "	68	9' 0"	F	" "	75	8' 0"	F	" "	76	8' 0"	F
" "	68	9' 3"	M	" "	76	8' 0"	M	" "	77	8' 0"	M
" "	73	9' 3"	M	" "	66	9' 3"	M	" "	78	8' 0"	F
" "	74	9' 0"	F	" "	67	9' 0"	M	" "	71	9' 0"	F
" "	65	10' 0"	F	" "	70	9' 0"	F	" "	72	9' 0"	M
" "	67	10' 0"	M	" "	74	9' 0"	M	" "	73	9' 0"	M
" "	68	10' 0"	F	" "	76	9' 7"	F	" "	73	10' 0"	M
" "	70	10' 0"	F	" "	73	9' 0"	M	" "	75	10' 0"	M
" "	68	11' 11"	M	" "	71	10' 0"	F	" "	76	10' 0"	M
" "	72	11' 3"	F	" "	72	10' 0"	M	" "	71	11' 0"	F
" "	73	11' 4"	M	" "	73	10' 0"	M	" "	71	11' 10"	F
" "	75	11' 0"	M	" "	73	10' 10"	M	" "	71	11' 2"	M
" "	78	11' 0"	F	" "	74	10' 0"	M	" "	74	11' 0"	M
" "	70	12' 2"	F	" "	74	10' 0"	F	" "	75	11' 0"	F
" "	71	12' 0"	F	" "	75	10' 0"	M	" "	77	11' 0"	F
" "	72	12' 0"	M	" "	78	10' 0"	F	" "	69	12' 0"	M
" "	73	12' 0"	F	" "	69	11' 6"	F	" "	70	12' 0"	M
" "	73	12' 0"	F	" "	74	11' 0"	F	" "	70	12' 0"	M
" "	74	12' 0"	M	" "	75	11' 6"	M	" "	73	12' 0"	M
" "	74	12' 0"	F	" "	77	11' 0"	M	" "	74	12' 0"	F
" "	75	12' 7"	M	" "	78	11' 4"	M	" "	75	12' 0"	M
" "	76	12' 0"	M	" "	72	12' 0"	M	" "	76	12' 0"	F
" "	77	12' 4"	F	" "	72	12' 0"	M	" "	79	12' 0"	F
" "	69	13' 7"	F	" "	73	12' 0"	F	" "	74	13' 0"	F
" "	69	13' 0"	F	" "	75	12' 0"	F	" "	69	14' 9"	F
" "	73	13' 0"	F	" "	76	12' 0"	F	" "	71	14' 4"	M
" "	73	13' 3"	M	" "	79	12' 0"	M	" "	73	14' 1"	M
" "	75	13' 0"	M	" "	74	13' 0"	F	" "	74	14' 0"	F

Table No. 10.—*Fin-whale* foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19 $\frac{1}{2}$ 52	75	14' 0"	F	20 $\frac{1}{2}$ 52	69	12' 0"	M	21 $\frac{1}{2}$ 52	71	9' 0"	F
" "	75	14' 0"	F	" "	70	12' 2"	F	" "	71	9' 0"	F
" "	76	14' 0"	F	" "	71	12' 0"	F	" "	72	9' 0"	M
" "	74	15' 0"	M	" "	72	12' 0"	M	" "	73	9' 0"	M
" "	77	15' 0"	M	" "	73	12' 0"	F	" "	73	9' 6"	F
" "	77	16' 0"	M	" "	74	12' 0"	F	" "	74	9' 0"	M
20 $\frac{1}{2}$ "	67	2' 0"	F	" "	75	12' 0"	M	" "	74	9' 0"	M
" "	70	2' 0"	M	" "	75	12' 0"	F	" "	75	9' 0"	F
" "	71	2' 0"	M	" "	68	13' 3"	M	" "	75	9' 10"	M
" "	71	2' 0"	M	" "	69	13' 0"	M	" "	66	10' 0"	M
" "	74	2' 0"	F	" "	74	13' 0"	F	" "	68	10' 11"	F
" "	76	2' 0"	M	" "	70	14' 0"	M	" "	71	10' 0"	F
" "	72	3' 0"	M	" "	71	14' 0"	F	" "	73	10' 0"	M
" "	75	3' 4"	M	" "	74	14' 0"	F	" "	74	10' 0"	F
" "	62	4' 0"	M	" "	75	14' 0"	M	" "	70	11' 0"	F
" "	64	4' 0"	F	" "	67	15' 0"	M	" "	70	11' 0"	F
" "	70	4' 2"	F	" "	75	15' 0"	F	" "	71	11' 0"	M
" "	72	4' 0"	M	" "	75	15' 0"	F	" "	73	11' 0"	M
" "	72	5' 0"	M	" "	69	16' 0"	M	" "	74	11' 0"	M
" "	72	5' 0"	M	" "	74	16' 0"	M	" "	74	11' 0"	M
" "	72	5' 2"	F	" "	77	16' 0"	F	" "	76	11' 0"	M
" "	77	5' 0"	M	" "	75	17' 0"	F	" "	72	12' 0"	F
" "	67	6' 0"	M	" "	77	17' 2"	F	" "	74	12' 4"	M
" "	69	6' 0"	M	21 $\frac{1}{2}$ "	68	2' 0"	F	" "	74	12' 0"	M
" "	73	6' 0"	M	" "	69	4' 0"	M	" "	76	13' 0"	F
" "	73	6' 0"	M	" "	70	4' 0"	F	" "	79	13' 0"	F
" "	74	6' 0"	M	" "	74	4' 0"	F	" "	80	13' 0"	F
" "	74	6' 0"	M	" "	71	5' 0"	M	" "	73	14' 0"	F
" "	74	6' 0"	M	" "	71	5' 0"	F	" "	73	14' 0"	M
" "	79	6' 0"	M	" "	72	5' 0"	F	" "	75	14' 0"	F
" "	66	7' 0"	F	" "	78	5' 0"	M	" "	76	14' 0"	M
" "	72	7' 0"	F	" "	78	5' 9"	M	" "	74	15' 4"	F
" "	73	7' 0"	M	" "	65	6' 2"	F	" "	75	16' 0"	F
" "	74	7' 0"	F	" "	67	6' 0"	F	22 $\frac{1}{2}$ "	73	1' 2"	
" "	75	7' 0"	F	" "	68	6' 0"	M	" "	69	3' 0"	F
" "	63	8' 0"	M	" "	68	6' 0"	M	" "	69	3' 0"	M
" "	67	8' 0"	M	" "	68	6' 0"	F	" "	70	3' 0"	F
" "	70	8' 0"	F	" "	73	6' 10"	M	" "	72	3' 0"	F
" "	68	9' 9"	M	" "	78	6' 0"	F	" "	61	4' 0"	F
" "	70	9' 0"	M	" "	66	7' 9"	F	" "	68	4' 0"	M
" "	71	9' 11"	F	" "	68	7' 0"	F	" "	69	4' 0"	F
" "	73	9' 0"	M	" "	70	7' 0"	F	" "	70	4' 0"	M
" "	73	9' 0"	M	" "	71	7' 0"	F	" "	71	4' 3"	M
" "	74	9' 0"	F	" "	71	7' 6"	M	" "	72	4' 0"	F
" "	76	9' 0"	F	" "	73	7' 0"	F	" "	72	4' 0"	M
" "	76	9' 3"	M	" "	74	7' 0"	F	" "	72	4' 6"	F
" "	73	9' 0"	F	" "	75	7' 2"	M	" "	72	4' 7"	F
" "	66	10' 7"	M	" "	65	8' 7"	F	" "	73	5' 0"	F
" "	70	10' 0"	M	" "	65	8' 7"	M	" "	73	5' 0"	F
" "	71	10' 0"	M	" "	69	8' 11"	M	" "	74	5' 0"	F
" "	72	10' 6"	M	" "	71	8' 0"	F	" "	78	5' 0"	M
" "	73	10' 0"	M	" "	76	8' 1"	M	" "	78	5' 0"	M
" "	73	10' 0"	F	" "	79	8' 0"	M	" "	67	6' 0"	M
" "	73	10' 0"	F	" "	66	9' 0"	M	" "	67	6' 0"	M
" "	74	10' 0"	F	" "	68	9' 11"	M	" "	70	6' 0"	M
" "	68	11' 0"	F	" "	70	9' 0"	F	" "	72	6' 7"	M
" "	70	11' 6"	F	" "	70	9' 8"	M	" "	69	6' 7"	F
" "	75	11' 0"	F	" "	71	9' 0"	F	" "	67	7' 0"	M

Table No. 10—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>22</sup> / <sub>2</sub> 52	70	7' 3"	F	<sup>23</sup> / <sub>2</sub> 52	67	4' 3"	F	<sup>24</sup> / <sub>2</sub> 52	70	5' 0"	M
" "	70	7' 0"	M	" "	69	4' 0"	M	" "	72	6' 0"	M
" "	64	8' 0"	M	" "	74	4' 3"	F	" "	75	6' 0"	M
" "	72	8' 4"	M	" "	74	4' 0"	M	" "	69	7' 0"	M
" "	73	8' 0"	F	" "	74	5' 0"	F	" "	72	7' 0"	M
" "	75	8' 0"	M	" "	67	6' 0"	F	" "	73	7' 0"	M
" "	69	9' 0"	F	" "	70	6' 0"	M	" "	75	7' 0"	M
" "	69	9' 6"	F	" "	70	6' 0"	F	" "	76	7' 0"	F
" "	74	9' 0"	F	" "	74	6' 0"	M	" "	72	7' 0"	F
" "	67	10' 1"	F	" "	75	6' 0"	M	" "	68	8' 0"	M
" "	69	10' 0"	F	" "	79	6' 0"	F	" "	72	8' 7"	M
" "	70	10' 0"	M	" "	70	6' 0"	F	" "	74	8' 0"	M
" "	70	10' 4"	F	" "	71	7' 0"	F	" "	76	8' 0"	M
" "	71	10' 4"	M	" "	72	7' 0"	M	" "	69	9' 0"	M
" "	71	10' 0"	M	" "	75	7' 0"	F	" "	70	9' 0"	F
" "	71	10' 0"	F	" "	71	8' 0"	M	" "	73	9' 0"	F
" "	72	10' 0"	M	" "	72	8' 0"	F	" "	74	9' 0"	M
" "	72	10' 6"	M	" "	72	8' 0"	M	" "	74	9' 0"	M
" "	73	10' 0"	M	" "	74	8' 0"	M	" "	69	10' 0"	M
" "	73	10' 0"	M	" "	69	9' 0"	F	" "	70	10' 10"	M
" "	75	10' 0"	F	" "	70	9' 3"	M	" "	72	10' 4"	M
" "	75	10' 0"	M	" "	71	9' 0"	F	" "	72	10' 0"	M
" "	76	10' 0"	F	" "	71	9' 0"	F	" "	72	10' 0"	F
" "	76	10' 0"	M	" "	70	10' 0"	M	" "	76	10' 0"	F
" "	67	11' 0"	M	" "	73	10' 0"	M	" "	74	11' 0"	M
" "	70	11' 0"	F	" "	76	10' 0"	M	" "	80	11' 0"	F
" "	71	11' 9"	M	" "	71	11' 0"	F	" "	69	12' 0"	F
" "	73	11' 0"	M	" "	71	11' 0"	F	" "	73	12' 0"	M
" "	75	11' 0"	M	" "	72	11' 0"	M	" "	74	12' 0"	F
" "	75	11' 0"	F	" "	76	11' 0"	M	" "	75	12' 0"	F
" "	75	11' 6"	M	" "	68	12' 5"	M	" "	77	12' 0"	F
" "	69	12' 6"	F	" "	71	12' 0"	F	" "	71	13' 0"	F
" "	70	12' 0"	M	" "	72	12' 0"	F	" "	72	13' 0"	F
" "	71	12' 0"	M	" "	72	12' 0"	F	" "	75	13' 0"	F
" "	71	12' 0"	M	" "	73	12' 0"	M	" "	71	14' 5"	F
" "	71	12' 0"	F	" "	74	12' 0"	M	" "	72	14' 0"	F
" "	75	12' 0"	M	" "	75	12' 0"	M	" "	74	14' 0"	M
" "	75	12' 0"	M	" "	75	12' 0"	M	" "	71	15' 0"	F
" "	75	12' 0"	M	" "	76	12' 0"	F	" "	72	15' 1"	F
" "	75	12' 0"	F	" "	73	13' 0"	M	<sup>25</sup> / <sub>2</sub> "	65	3' 0"	M
" "	76	12' 0"	F	" "	70	14' 0"	F	" "	73	3' 0"	M
" "	71	13' 0"	F	" "	70	14' 3"	M	" "	68	4' 0"	M
" "	72	13' 0"	M	" "	72	14' 0"	F	" "	68	4' 0"	F
" "	72	13' 10"	F	" "	75	14' 0"	M	" "	71	4' 4"	M
" "	69	14' 4"	M	" "	80	14' 0"	M	" "	74	4' 0"	M
" "	71	14' 0"	M	" "	72	14' 0"	F	" "	68	4' 6"	M
" "	73	14' 0"	F	" "	74	15' 0"	F	" "	70	5' 0"	M
" "	74	14' 0"	F	" "	72	16' 0"	M	" "	71	6' 0"	F
" "	72	15' 1"	M	<sup>24</sup> / <sub>2</sub> "	69	1' 3"	M	" "	66	8' 0"	M
" "	75	15' 0"	F	" "	67	2' 0"	M	" "	68	8' 1"	F
" "	77	15' 0"	M	" "	68	3' 0"	M	" "	69	8' 0"	F
" "	73	15' 0"	F	" "	67	4' 0"	F	" "	70	8' 4"	F
" "	79	15' 0"	M	" "	71	4' 0"	M	" "	71	8' 0"	F
" "	71	16' 0"	F	" "	72	4' 7"	F	" "	72	8' 0"	F
" "	73	16' 0"	M	" "	73	4' 0"	M	" "	72	8' 0"	F
<sup>23</sup> / <sub>2</sub> "	75	1' 3"	F	" "	68	5' 0"	M	" "	74	8' 0"	F
" "	73	3' 0"	M	" "	68	5' 1"	F	" "	67	9' 0"	M
" "	75	3' 0"	F	" "	70	5' 0"	M	" "	71	9' 0"	M

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex	Date when measured.	Length.		Sex	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$25\frac{1}{2}$ 52	65	10' 0"	F	$26\frac{1}{2}$ 52	69	11' 11"	F	$27\frac{1}{2}$ 52	78	7' 0"	M
" "	71	10' 4"	F	" "	70	11' 0"	F	" "	77	7' 0"	F
" "	73	10' 0"	F	" "	72	11' 0"	M	" "	73	8' 0"	F
" "	74	10' 0"	M	" "	71	11' 0"	F	" "	76	8' 0"	M
" "	74	10' 0"	M	" "	69	12' 4"	F	" "	76	8' 0"	M
" "	75	11' 0"	M	" "	70	12' 0"	F	" "	65	9' 7"	F
" "	68	11' 0"	F	" "	70	12' 0"	M	" "	68	9' 0"	M
" "	72	11' 5"	M	" "	71	12' 0"	M	" "	71	9' 4"	M
" "	77	11' 0"	M	" "	72	12' 0"	F	" "	73	9' 3"	F
" "	69	12' 6"	F	" "	72	12' 0"	M	" "	76	9' 0"	M
" "	70	12' 4"	M	" "	73	12' 3"	M	" "	77	9' 0"	M
" "	70	12' 0"	M	" "	74	12' 0"	M	" "	77	9' 0"	M
" "	73	12' 0"	M	" "	75	12' 0"	F	" "	71	9' 0"	M
" "	73	12' 11"	M	" "	75	12' 0"	F	" "	66	10' 1"	F
" "	74	12' 0"	M	" "	75	12' 0"	F	" "	68	10' 0"	M
" "	74	12' 0"	F	" "	70	13' 0"	M	" "	69	10' 11"	M
" "	66	13' 1"	M	" "	70	13' 8"	F	" "	69	10' 0"	M
" "	70	13' 0"	M	" "	71	13' 0"	M	" "	71	10' 0"	M
" "	73	13' 0"	F	" "	72	13' 0"	M	" "	65	11' 0"	M
" "	66	14' 0"	F	" "	74	13' 0"	M	" "	66	11' 0"	F
" "	75	14' 0"	F	" "	74	13' 0"	F	" "	66	11' 3"	M
" "	75	14' 6"	F	" "	74	13' 0"	M	" "	67	11' 9"	M
" "	72	15' 0"	M	" "	75	13' 0"	M	" "	70	11' 0"	M
$26\frac{1}{2}$ "	71	2' 0"	M	" "	76	13' 0"	M	" "	70	11' 2"	F
" "	72	2' 0"	M	" "	71	14' 0"	F	" "	72	11' 0"	F
" "	80	3' 0"	F	" "	72	14' 0"	M	" "	72	11' 7"	M
" "	63	4' 0"	F	" "	74	14' 10"	F	" "	75	11' 0"	F
" "	68	4' 2"	M	" "	74	14' 2"	M	" "	75	11' 0"	M
" "	71	4' 0"	M	" "	74	15' 0"	M	" "	75	11' 0"	M
" "	71	4' 0"	F	" "	74	15' 0"	F	" "	68	12' 10"	M
" "	72	4' 0"	M	" "	75	15' 0"	F	" "	68	12' 4"	M
" "	75	4' 0"	M	" "	76	15' 0"	M	" "	71	12' 0"	M
" "	77	4' 0"	F	" "	73	16' 6"	M	" "	71	12' 0"	M
" "	68	5' 0"	M	" "	74	17' 0"	M	" "	73	12' 0"	M
" "	68	5' 0"	M	" "	77	17' 0"	F	" "	73	12' 0"	M
" "	73	5' 0"	M	$27\frac{1}{2}$ "	76	2' 0"	M	" "	76	12' 0"	F
" "	73	5' 0"	M	" "	71	3' 0"	F	" "	77	12' 0"	M
" "	69	6' 0"	M	" "	72	3' 0"	F	" "	77	12' 0"	F
" "	70	6' 10"	F	" "	72	3' 0"	F	" "	71	13' 0"	F
" "	71	6' 3"	M	" "	68	4' 0"	M	" "	71	13' 0"	M
" "	71	7' 0"	M	" "	69	4' 7"	F	" "	75	13' 0"	F
" "	72	7' 0"	F	" "	72	4' 0"	F	" "	76	13' 0"	F
" "	73	7' 0"	F	" "	72	4' 0"	M	" "	70	14' 0"	F
" "	73	7' 5"	M	" "	74	4' 0"	F	" "	74	14' 0"	F
" "	67	8' 0"	F	" "	66	5' 0"	M	" "	74	14' 0"	F
" "	70	8' 0"	M	" "	66	5' 3"	M	" "	80	14' 0"	M
" "	75	8' 0"	M	" "	70	5' 0"	M	" "	72	15' 3"	F
" "	78	8' 0"	M	" "	70	5' 0"	M	" "	77	15' 0"	F
" "	63	9' 0"	F	" "	74	5' 0"	F	" "	78	15' 6"	M
" "	67	9' 0"	M	" "	77	5' 0"	M	" "	78	15' 0"	M
" "	71	9' 0"	M	" "	73	6' 0"	F	" "	78	15' 0"	F
" "	72	9' 0"	F	" "	73	6' 0"	F	" "	81	15' 0"	M
" "	75	9' 0"	F	" "	68	7' 0"	M	" "	74	16' 0"	M
" "	77	9' 0"	M	" "	69	7' 8"	M	" "	76	16' 0"	F
" "	71	10' 0"	F	" "	69	7' 0"	F	" "	77	16' 0"	F
" "	72	10' 0"	M	" "	70	7' 0"	F	" "	75	18' 0"	M
" "	74	10' 0"	F	" "	71	7' 4"	F	" "	77	18' 0"	F
" "	77	10' 0"	F	" "	77	7' 0"	F	" "	80	18' 0"	F

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
28 <sup>1</sup> / <sub>2</sub> 52	74	2' 0"	M	28 <sup>1</sup> / <sub>2</sub> 52	74	10' 0"	F	28 <sup>1</sup> / <sub>2</sub> 52	73	18' 0"	F
" "	68	3' 0"	M	" "	74	10' 0"	F	" "	80	18' 0"	F
" "	70	4' 0"	M	" "	74	10' 0"	F	29 <sup>1</sup> / <sub>2</sub> "	68	1' 6"	F
" "	70	4' 0"	M	" "	75	10' 0"	M	" "	73	1' 6"	M
" "	73	4' 0"	M	" "	75	10' 0"	F	" "	70	2' 0"	M
" "	74	4' 0"	F	" "	76	10' 0"	M	" "	75	2' 0"	F
" "	74	4' 0"	M	" "	67	11' 0"	F	" "	69	3' 0"	M
" "	76	4' 0"	F	" "	68	11' 0"	M	" "	73	3' 0"	M
" "	76	4' 8"	F	" "	70	11' 11"	F	" "	68	4' 0"	M
" "	77	4' 0"	F	" "	72	11' 0"	F	" "	70	4' 0"	F
" "	64	5' 0"	M	" "	73	11' 0"	M	" "	75	4' 0"	M
" "	69	5' 0"	M	" "	74	11' 0"	F	" "	66	5' 0"	F
" "	73	5' 0"	F	" "	74	11' 0"	M	" "	70	5' 0"	F
" "	78	5' 0"	F	" "	74	11' 0"	M	" "	71	5' 0"	M
" "	79	5' 0"	M	" "	75	11' 0"	F	" "	73	5' 0"	F
" "	68	6' 0"	M	" "	77	11' 0"	M	" "	75	5' 0"	M
" "	71	6' 0"	M	" "	77	11' 0"	F	" "	67	6' 0"	F
" "	71	6' 0"	M	" "	65	12' 3"	M	" "	68	6' 0"	M
" "	73	6' 0"	M	" "	67	12' 0"	M	" "	68	6' 10"	M
" "	74	6' 6"	M	" "	67	12' 9"	M	" "	69	6' 0"	F
" "	76	6' 0"	F	" "	69	12' 0"	F	" "	71	6' 0"	M
" "	67	7' 0"	F	" "	70	12' 0"	F	" "	71	6' 0"	F
" "	68	7' 0"	F	" "	71	12' 0"	M	" "	71	6' 5"	M
" "	70	7' 0"	F	" "	72	12' 0"	M	" "	72	6' 0"	F
" "	70	7' 3"	M	" "	74	12' 0"	M	" "	73	6' 0"	F
" "	73	7' 0"	M	" "	75	12' 0"	F	" "	73	6' 0"	F
" "	74	7' 0"	F	" "	75	12' 0"	F	" "	80	6' 0"	F
" "	75	7' 6"	M	" "	75	12' 0"	M	" "	64	7' 4"	M
" "	80	7' 0"	F	" "	75	12' 0"	F	" "	69	7' 0"	M
" "	67	8' 0"	M	" "	76	12' 0"	F	" "	73	7' 2"	F
" "	67	8' 0"	F	" "	76	12' 6"	F	" "	75	7' 0"	F
" "	69	8' 0"	M	" "	77	12' 6"	F	" "	76	7' 0"	F
" "	72	8' 0"	F	" "	78	12' 0"	M	" "	62	8' 10"	F
" "	72	8' 0"	M	" "	78	12' 0"	M	" "	65	8' 0"	M
" "	72	8' 0"	M	" "	78	12' 0"	F	" "	72	8' 0"	M
" "	73	8' 0"	M	" "	79	12' 0"	M	" "	73	8' 0"	F
" "	73	8' 5"	F	" "	72	13' 0"	M	" "	77	8' 0"	F
" "	74	8' 0"	F	" "	73	13' 0"	M	" "	63	9' 0"	M
" "	74	8' 0"	M	" "	74	13' 0"	F	" "	68	9' 0"	F
" "	76	8' 0"	M	" "	70	14' 0"	M	" "	70	9' 0"	F
" "	77	8' 0"	M	" "	71	14' 6"	F	" "	71	9' 0"	F
" "	67	9' 0"	M	" "	73	14' 0"	F	" "	72	9' 0"	F
" "	68	9' 0"	F	" "	73	14' 0"	F	" "	73	9' 0"	M
" "	69	9' 0"	M	" "	74	14' 0"	F	" "	73	9' 0"	F
" "	70	9' 0"	M	" "	74	14' 0"	M	" "	75	9' 0"	M
" "	70	9' 0"	F	" "	75	14' 0"	M	" "	75	9' 0"	M
" "	70	9' 0"	M	" "	78	14' 0"	M	" "	75	9' 0"	F
" "	70	9' 8"	F	" "	70	15' 0"	F	" "	68	10' 3"	M
" "	70	9' 0"	F	" "	73	15' 0"	M	" "	70	10' 0"	M
" "	71	9' 0"	F	" "	73	15' 0"	M	" "	70	10' 0"	F
" "	72	9' 0"	F	" "	73	15' 0"	F	" "	71	10' 0"	M
" "	72	9' 0"	F	" "	73	15' 8"	M	" "	72	10' 0"	F
" "	73	9' 0"	F	" "	74	15' 0"	M	" "	72	10' 0"	M
" "	74	9' 0"	M	" "	75	15' 0"	M	" "	72	10' 0"	F
" "	74	9' 0"	F	" "	78	15' 0"	F	" "	72	10' 0"	F
" "	75	9' 0"	F	" "	81	15' 0"	M	" "	72	10' 0"	F
" "	75	9' 0"	F	" "	73	16' 0"	F	" "	72	10' 0"	M
" "	76	9' 0"	M	" "	75	16' 0"	F	" "	74	10' 0"	F
" "	69	10' 0"	F	" "	77	16' 0"	F	" "	75	10' 2"	M
" "	72	10' 0"	M	" "	77	17' 0"	M	" "	76	10' 0"	M



Table No. 10.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
<sup>20</sup> / <sub>2</sub> 52	70	11' 0"	F	<sup>1</sup> / <sub>3</sub> 52	75	5' 0"	F	<sup>1</sup> / <sub>3</sub> 52	77	15' 0"	M
" "	73	11' 0"	M	" "	75	5' 0"	M	" "	74	16' 0"	F
" "	77	11' 0"	M	" "	76	5' 0"	M	" "	76	16' 0"	F
" "	77	11' 0"	M	" "	64	6' 0"	F	" "	77	16' 0"	F
" "	66	12' 5"	F	" "	68	6' 0"	F	" "	78	16' 0"	M
" "	69	12' 0"	F	" "	69	6' 0"	F	" "	70	17' 0"	F
" "	70	12' 0"	M	" "	73	6' 0"	F	" "	71	18' 0"	M
" "	71	12' 0"	F	" "	74	6' 0"	F	" "	73	18' 0"	F
" "	71	12' 0"	M	" "	74	6' 0"	M	" "	74	19' 0"	F
" "	74	12' 0"	M	" "	75	6' 0"	M	" "	77	21' 0"	F
" "	75	12' 0"	F	" "	67	7' 0"	M	" "	73	2' 0"	F
" "	75	12' 0"	F	" "	64	8' 0"	F	" "	66	3' 6"	F
" "	75	12' 0"	F	" "	69	8' 0"	F	" "	71	3' 0"	M
" "	71	13' 0"	M	" "	73	8' 0"	F	" "	74	3' 0"	F
" "	72	13' 0"	F	" "	74	8' 0"	F	" "	75	3' 0"	M
" "	73	13' 0"	F	" "	74	8' 0"	F	" "	69	4' 0"	M
" "	75	13' 0"	F	" "	75	8' 0"	F	" "	71	4' 6"	F
" "	75	13' 0"	M	" "	75	8' 0"	M	" "	73	4' 0"	F
" "	75	13' 0"	F	" "	70	9' 0"	M	" "	73	4' 6"	M
" "	70	14' 3"	F	" "	71	9' 9"	F	" "	74	4' 0"	M
" "	70	14' 10"	M	" "	72	9' 0"	M	" "	69	5' 0"	F
" "	71	14' 0"	F	" "	73	9' 0"	F	" "	72	5' 2"	M
" "	72	14' 0"	M	" "	75	9' 0"	M	" "	74	5' 6"	M
" "	74	14' 0"	M	" "	68	10' 0"	M	" "	76	5' 0"	F
" "	75	14' 0"	F	" "	69	10' 9"	M	" "	69	6' 0"	F
" "	75	14' 0"	M	" "	74	10' 0"	M	" "	71	6' 6"	F
" "	76	14' 0"	F	" "	74	10' 0"	M	" "	72	6' 0"	F
" "	77	14' 0"	F	" "	75	10' 0"	F	" "	73	6' 0"	F
" "	68	15' 2"	F	" "	75	10' 0"	F	" "	74	6' 0"	M
" "	71	15' 0"	F	" "	77	10' 0"	F	" "	74	6' 0"	M
" "	72	15' 0"	M	" "	74	10' 0"	F	" "	74	6' 0"	F
" "	72	15' 0"	M	" "	71	11' 0"	F	" "	76	6' 0"	F
" "	73	15' 0"	F	" "	75	11' 6"	F	" "	79	6' 0"	F
" "	74	15' 9"	F	" "	77	11' 0"	M	" "	73	7' 0"	F
" "	76	15' 0"	F	" "	70	12' 0"	F	" "	74	7' 0"	F
" "	73	16' 0"	F	" "	71	12' 0"	F	" "	70	8' 0"	F
" "	75	16' 0"	M	" "	71	12' 0"	M	" "	73	8' 0"	M
" "	76	16' 0"	F	" "	72	12' 0"	F	" "	77	8' 0"	M
" "	79	16' 0"	M	" "	73	12' 0"	M	" "	77	8' 0"	F
" "	70	17' 1"	F	" "	74	12' 0"	F	" "	81	8' 0"	M
" "	74	17' 0"	M	" "	75	12' 0"	M	" "	69	9' 11"	F
" "	74	17' 0"	F	" "	75	12' 0"	M	" "	70	9' 0"	F
" "	76	17' 0"	M	" "	75	12' 0"	M	" "	71	9' 8"	F
" "	71	18' 0"	M	" "	76	12' 0"	F	" "	72	9' 0"	M
" "	77	18' 0"	M	" "	73	13' 0"	F	" "	72	9' 4"	F
" "	70	19' 0"	M	" "	76	13' 0"	M	" "	73	9' 6"	F
<sup>1</sup> / <sub>3</sub> "	65	1' 6"	M	" "	77	13' 0"	M	" "	79	9' 0"	F
" "	71	1' 2"	M	" "	77	13' 0"	M	" "	70	10' 0"	F
" "	72	2' 0"	M	" "	65	14' 0"	M	" "	71	10' 0"	M
" "	71	3' 0"	M	" "	73	14' 0"	F	" "	74	10' 6"	M
" "	72	3' 6"	F	" "	73	14' 0"	F	" "	76	10' 0"	F
" "	73	3' 0"	M	" "	74	14' 0"	M	" "	73	11' 0"	M
" "	72	4' 0"	M	" "	76	14' 0"	F	" "	73	11' 9"	F
" "	76	4' 0"	F	" "	79	14' 0"	F	" "	69	12' 0"	M
" "	78	4' 0"	M	" "	71	15' 0"	F	" "	78	12' 0"	M
" "	70	5' 4"	M	" "	71	15' 2"	M	" "	78	12' 6"	F
" "	70	5' 0"	M	" "	72	15' 0"	M	" "	81	12' 0"	F
" "	71	5' 0"	F	" "	74	15' 0"	F	" "	70	13' 10"	M

Table No. 10.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{2}{3}$ 52	70	13' 4"	F	$\frac{3}{3}$ 52	73	12' 0"	M	$\frac{4}{3}$ 52	71	13' 0"	M
" "	71	13' 4"	F	" "	74	12' 0"	F	" "	73	13' 0"	M
" "	71	13' 10"	F	" "	77	12' 0"	M	" "	73	13' 10"	M
" "	72	13' 7"	F	" "	74	13' 0"	F	" "	79	13' 0"	F
" "	70	14' 6"	M	" "	74	13' 0"	M	" "	76	13' 0"	M
" "	70	14' 7"	F	" "	74	13' 0"	M	" "	71	14' 0"	M
" "	71	14' 0"	F	" "	74	14' 0"	M	" "	73	14' 0"	M
" "	72	14' 0"	F	" "	74	14' 0"	F	" "	74	14' 0"	M
" "	73	14' 0"	M	" "	69	15' 0"	F	" "	76	14' 0"	F
" "	74	14' 0"	M	" "	71	15' 6"	M	" "	68	15' 0"	M
" "	75	14' 0"	F	" "	73	15' 0"	F	" "	72	15' 0"	F
" "	74	15' 0"	M	" "	76	16' 0"	F	" "	78	15' 0"	M
" "	75	15' 0"	M	" "	73	17' 0"	F	" "	68	17' 0"	M
" "	77	15' 0"	M	" "	75	18' 0"	F	" "	77	17' 0"	F
" "	78	15' 0"	F	" "	76	18' 0"	F	" "	73	19' 0"	F
" "	73	16' 0"	M	$\frac{4}{3}$ "	74	2' 0"	F	$\frac{5}{3}$ "	73	4' 0"	F
" "	73	16' 0"	M	" "	75	3' 0"	F	" "	66	5' 10"	M
" "	76	16' 0"	M	" "	71	4' 2"	M	" "	70	5' 3"	M
" "	82	16' 0"	F	" "	71	5' 0"	M	" "	74	5' 0"	F
" "	72	17' 0"	M	" "	72	5' 0"	M	" "	74	5' 0"	M
" "	72	17' 0"	M	" "	79	5' 0"	M	" "	65	7' 0"	M
" "	74	17' 0"	M	" "	67	6' 0"	F	" "	71	7' 10"	F
" "	75	18' 0"	M	" "	73	6' 0"	F	" "	73	9' 3"	M
" "	77	18' 0"	M	" "	74	6' 0"	M	" "	69	10' 0"	M
" "	74	19' 0"	F	" "	76	6' 0"	F	" "	71	11' 0"	F
$\frac{3}{3}$ "	69	2' 0"	F	" "	68	7' 0"	F	" "	76	11' 0"	F
" "	75	2' 0"	F	" "	71	7' 3"	F	" "	74	12' 0"	M
" "	80	3' 0"	M	" "	73	7' 0"	M	" "	75	14' 0"	F
" "	66	4' 0"	M	" "	76	7' 0"	M	" "	71	15' 0"	F
" "	66	5' 10"	F	" "	77	8' 0"	M	" "	73	15' 0"	M
" "	70	5' 0"	M	" "	70	9' 0"	F	" "	74	15' 6"	M
" "	66	6' 0"	M	" "	70	10' 0"	F	" "	76	15' 0"	M
" "	70	7' 6"	M	" "	71	10' 0"	F	" "	72	16' 0"	F
" "	71	7' 0"	M	" "	73	10' 0"	M	" "	74	16' 0"	F
" "	73	7' 4"	M	" "	74	10' 0"	F	" "	75	17' 0"	F
" "	75	9' 0"	F	" "	71	11' 0"	F	" "	76	18' 0"	M
" "	69	10' 0"	M	" "	72	11' 0"	M	$\frac{6}{3}$ "	76	10' 0"	M
" "	71	10' 0"	M	" "	79	11' 0"	M	" "	75	14' 0"	F
" "	75	10' 0"	M	" "	69	12' 0"	M	$\frac{8}{3}$ "	77	12' 0"	F
" "	77	10' 0"	M	" "	73	12' 0"	M	$\frac{17}{3}$ "	72	17' 6"	M
" "	80	10' 0"	M	" "	74	12' 0"	M	$\frac{18}{3}$ "	69	2' 0"	F
" "	75	11' 0"	F	" "	75	12' 0"	M	$\frac{19}{3}$ "	77	12' 0"	F
" "	75	11' 0"	F	" "	77	12' 0"	M	$\frac{24}{3}$ "	76	18' 0"	M
" "	71	12' 0"	M	" "	68	13' 0"	F	$\frac{1}{4}$ "	66	17' 0"	M

Total 4,024 fin-whale foetuses, of which 2,013 males and 2,004 females. Sex was not stated for 7 foetuses. Of the 4,017 foetuses for which sex was stated, 50.11 per cent were males and 49.89 per cent females.

Table No. 10 (cont.).

## Humpback foetuses.

Date when measured.	Length.		Sex.	Date when measured	Length.		Sex	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$3\frac{1}{1}$ 52	50	3' 0"	M	$\frac{2}{2}$ 52	38	2' 0'	F	$\frac{3}{2}$ 52	44	2' 6"	M
$\frac{1}{2}$ "	39	1' 0"	M	" "	39	2' 6"	F	" "	46	2' 0"	M
" "	41	1' 6"	M	" "	40	2' 0"	F	" "	41	3' 0"	M
" "	37	2' 0"	F	" "	40	2' 0"	M	" "	41	3' 0"	F
" "	38	2' 9"	F	" "	41	2' 0"	M	" "	43	3' 0"	M
" "	39	2' 0"	M	" "	42	2' 0"	M	" "	43	3' 6"	F
" "	39	2' 0"	M	" "	44	2' 0"	M	" "	45	3' 0"	F
" "	40	2' 0"	M	" "	44	2' 0"	F	" "	46	3' 10"	F
" "	40	2' 0"	M	" "	44	2' 0"	M	" "	47	3' 0"	M
" "	41	2' 0"	M	" "	44	2' 0"	F	" "	49	3' 0"	F
" "	41	2' 0"	M	" "	44	2' 0"	M	" "	49	3' 0"	F
" "	42	2' 0"	M	" "	45	2' 0"	F	" "	49	3' 0"	M
" "	42	2' 0"	F	" "	45	2' 0"	F	" "	44	4' 0"	M
" "	43	2' 6"	M	" "	46	2' 6"	M	" "	45	4' 0"	F
" "	44	2' 0"	M	" "	47	2' 0"	F	" "	45	4' 0"	F
" "	46	2' 0"	F	" "	50	2' 0"	M	" "	48	4' 0"	M
" "	37	3' 0"	F	" "	40	3' 0"	F	" "	46	5' 0"	F
" "	37	3' 0"	F	" "	41	3' 0"	M	" "	44	7' 2"	F
" "	40	3' 0"	F	" "	41	3' 0"	F	$\frac{4}{2}$ "	38	1' 0"	F
" "	40	3' 0"	F	" "	42	3' 0"	F	" "	40	1' 0"	F
" "	40	3' 0"	F	" "	42	3' 0"	F	" "	42	1' 0"	M
" "	42	3' 0"	F	" "	42	3' 0"	M	" "	43	1' 6"	F
" "	42	3' 0"	F	" "	42	3' 0"	M	" "	43	1' 0"	F
" "	42	3' 0"	M	" "	42	3' 3"	M	" "	43	1' 9"	M
" "	44	3' 0"	F	" "	44	3' 0"	F	" "	43	1' 0"	F
" "	44	3' 0"	F	" "	44	3' 0"	F	" "	48	1' 6"	F
" "	44	3' 0"	F	" "	45	3' 0"	M	" "	40	2' 0"	F
" "	45	3' 0"	M	" "	45	3' 0"	F	" "	41	2' 0"	M
" "	45	3' 0"	F	" "	46	3' 0"	F	" "	41	2' 10"	M
" "	45	3' 0"	M	" "	46	3' 5"	F	" "	41	2' 0"	M
" "	46	3' 0"	F	" "	48	3' 0"	F	" "	43	2' 0"	F
" "	46	3' 0"	F	" "	51	3' 0"	F	" "	43	2' 0"	M
" "	46	3' 0"	M	" "	41	4' 0"	F	" "	44	2' 7"	F
" "	46	3' 0"	F	" "	42	4' 0"	F	" "	40	3' 0"	M
" "	46	3' 0"	M	" "	42	4' 0"	M	" "	40	3' 0"	M
" "	46	3' 7"	F	" "	43	4' 0"	F	" "	42	3' 0"	F
" "	47	3' 0"	F	" "	43	4' 0"	F	" "	42	3' 0"	M
" "	47	3' 0"	F	" "	43	4' 0"	F	" "	42	3' 0"	F
" "	40	4' 0"	M	" "	43	4' 0"	M	" "	43	3' 0"	F
" "	41	4' 0"	F	" "	44	4' 0"	M	" "	44	3' 2"	M
" "	43	4' 0"	F	" "	45	4' 0"	F	" "	44	3' 0"	F
" "	43	4' 0"	M	" "	45	4' 0"	M	" "	45	3' 11"	M
" "	43	4' 0"	F	" "	45	4' 0"	M	" "	45	3' 9"	M
" "	45	4' 0"	F	" "	45	4' 3"	F	" "	47	3' 0"	F
" "	46	4' 0"	F	" "	47	4' 0"	M	" "	40	4' 0"	F
" "	46	4' 0"	M	" "	48	4' 0"	M	" "	40	4' 0"	F
" "	46	4' 0"	F	" "	48	4' 0"	F	" "	41	4' 2"	F
" "	46	4' 0"	M	" "	45	5' 0"	F	" "	41	4' 0"	F
" "	49	4' 2"	M	" "	51	5' 3"	F	" "	43	4' 0"	M
" "	52	4' 6"	F	" "	46	6' 0"	F	" "	44	4' 0"	F
" "	44	5' 0"	F	$\frac{3}{2}$ "	42	1' 0"	M	" "	44	4' 0"	F
" "	45	5' 0"	F	" "	44	1' 0"	M	" "	45	4' 0"	F
" "	45	6' 0"	M	" "	40	2' 0"	F	" "	46	4' 0"	M
$\frac{2}{2}$ "	40	1' 8"	M	" "	42	2' 0"	M	" "	46	4' 0"	M
" "	45	1' 0"	F	" "	42	2' 9"	M	" "	50	5' 0"	M
" "	48	1' 0"	M	" "	43	2' 0"	F	" "	41	6' 0"	F

Table No. 10.—Humpback foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
4/2 52	44	6'0"	F	5/2 52	43	2'0"	F	5/2 52	44	4'0"	F
" "	43	9'0"	F	" "	43	2'0"	M	" "	45	4'0"	F
5/2 "	38	1'0"	F	" "	44	2'0"	F	" "	45	4'0"	M
" "	40	1'0"	F	" "	47	2'4"	F	" "	46	4'0"	F
" "	40	1'0"	F	" "	48	2'0"	F	" "	46	4'0"	M
" "	41	1'0"	M	" "	48	2'10"	M	" "	46	4'11"	M
" "	42	1'0"	M	" "	39	3'0"	F	" "	47	4'0"	F
" "	43	1'0"	M	" "	40	3'0"	F	" "	47	4'2"	F
" "	43	1'0"	M	" "	42	3'0"	M	" "	48	4'0"	F
" "	43	1'6"	M	" "	43	3'0"	F	" "	50	4'5"	M
" "	45	1'0"	F	" "	44	3'0"	M	" "	51	4'0"	F
" "	46	1'6"	F	" "	45	3'0"	M	" "	43	5'0"	M
" "	47	1'0"	F	" "	45	3'0"	F	" "	44	5'0"	F
" "	39	2'0"	M	" "	46	3'0"	M	6/2 "	42	3'0"	F
" "	40	2'0"	F	" "	47	3'0"	F	" "	47	3'0"	F
" "	42	2'0"	M	" "	47	3'0"	F	" "	43	4'0"	M
" "	42	2'0"	M	" "	40	4'0"	F	" "	43	4'0"	M
" "	42	2'0"	M	" "	41	4'0"	M	" "	45	4'0"	M
" "	42	2'0"	M	" "	41	4'0"	F	" "	45	4'0"	F
" "	43	2'0"	M	" "	43	4'0"	M	" "			
" "	43	2'0"	F	" "	43	4'0"	M	" "			

Total 229 humpback foetuses, of which 101 males and 127 females. Sex was not stated for 1 foetus. Of the 228 foetuses, for which sex was stated, 44.30 per cent were males and 55.70 per cent females.

## Sei-whale foetuses.

1/11 51	52	4'0"	F	4/2 52	52	5'0"	F	9/2 52	50	7'0"	F
21/1 52	53	6'0"	F	" "	51	7'0"	F	" "	56	8'0"	F
22/1 "	52	6'0"	F	" "	53	7'0"	F	" "	52	9'0"	M
" "	53	12'0"	F	" "	54	8'0"	F	10/2 "	52	3'0"	F
24/1 "	62	3'0"	M	5/2 "	53	2'0"	F	" "	50	6'0"	M
" "	49	6'0"	M	" "	53	2'0"	F	" "	50	7'0"	M
" "	50	7'0"	F	" "	52	5'0"	M	" "	51	7'0"	F
25/1 "	52	6'0"	F	" "	55	7'0"	F	" "	54	10'0"	M
26/1 "	55	2'6"	M	" "	55	7'0"	F	" "	54	10'0"	M
" "	51	6'0"	M	" "	56	8'0"	M	11/2 "	49	3'0"	M
" "	53	9'0"	F	" "	52	9'0"	M	" "	55	9'0"	F
" "	56	10'0"	M	" "	53	9'0"	M	" "	53	10'0"	M
27/1 "	52	4'0"	M	" "	55	9'0"	M	12/2 "	50	7'0"	F
" "	53	7'0"	M	" "	53	11'0"	M	" "	54	11'0"	F
" "	58	7'0"	M	" "	53	11'0"	M	" "	54	12'0"	M
" "	51	8'0"	F	6/2 "	51	5'0"	F	13/2 "	53	7'0"	M
" "	57	10'0"	M	" "	54	5'0"	M	" "	52	11'0"	M
28/1 "	50	7'0"	F	" "	54	5'0"	M	" "	52	12'0"	F
30/1 "	54	10'0"	M	" "	51	8'0"	F	14/2 "	55	9'0"	M
31/1 "	53	7'0"	F	" "	53	8'0"	M	15/2 "	48	8'0"	F
1/2 "	53	6'0"	M	" "	55	8'0"	F	" "	52	8'0"	M
3/2 "	54	6'0"	M	" "	53	8'0"	M	" "	53	10'0"	F
" "	53	7'0"	F	" "	53	10'0"	F	16/2 "	50	5'0"	F
" "	58	11'0"	F	8/2 "	52	6'0"	F	" "	54	7'0"	M
" "	57	12'0"	F	9/2 "	55	4'0"	F	20/2 "	50	10'0"	F
4/2 "	52	5'0"	M	" "	52	5'0"	M	" "	48	11'0"	M

Table No. 10—Sei-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$20/2$ 52	54	12' 0"	M	$9/3$ 52	53	11' 0"	M	$26/3$ "	54	5' 0"	F
$21/2$ "	51	5' 0"	M	" "	51	14' 0"	F	" "	50	13' 0"	M
" "	51	8' 0"	F	$12/3$ "	54	9' 0"	M	$31/3$ "	47	9' 0"	F
" "	52	8' 0"	M	$13/3$ "	51	6' 0"	M	$5/4$ "	54	15' 0"	F
" "	53	10' 0"	F	$14/3$ "	53	13' 0"	F	$7/4$ "	50	8' 0"	F
$22/2$ "	52	10' 0"	M	$17/3$ "	52	10' 0"	F	" "	54	11' 0"	M
$23/2$ "	55	6' 0"	M	$18/3$ "	52	9' 0"	M	" "	51	12' 0"	F
" "	51	7' 0"	M	" "	53	10' 0"	M	" "	53	17' 0"	F
" "	52	8' 0"	M	" "	53	10' 0"	M	$11/4$ "	52	11' 0"	F
" "	55	8' 0"	M	" "	53	10' 0"	M	" "	48	12' 0"	M
$25/2$ "	54	8' 0"	F	" "	52	12' 0"	F	" "	53	13' 0"	F
$28/2$ "	50	9' 0"	F	" "	54	13' 0"	M	" "	53	14' 0"	F
" "	51	11' 0"	M	" "	52	14' 0"	M	" "	54	15' 0"	M
$7/3$ "	52	9' 0"	F	$19/3$ "	47	12' 0"	M	$12/4$ "	49	12' 0"	M
" "	54	12' 0"	F	$20/3$ "	53	8' 0"	M	$19/4$ "	52	9' 0"	F
$9/3$ "	52	5' 0"	F	" "	54	12' 0"	M				
" "	52	5' 0"	F	$21/3$ "	55	14' 0"	M				

Total 127 sei-whale foetuses, of which 66 males and 61 females, or 51.97 per cent males and 48.03 per cent females.

