

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL  
WHALING STATISTICS

XXXIV

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1955

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## PREFACE

The present publication, International Whaling Statistics No. XXXIV, embraces the results of the Antarctic whaling for the season 1953–54.

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 1928–29:* The floating factory “Radioleine” was operating outside Kerguelen in 1929. The catch amounted to 113 blue-whales, 1 fin-whale and 11 humpbacks, altogether 125 animals. The total production of whale-oil amounted to 9,300 barrels. As this result has been included in the statistics both for the season 1928–29 and the season 1929–30, these figures have now been deducted from the total pelagic whaling results in 1928–29.

*Seasons 1931/32–1951/52:* The statistics have been revised by request of the International Whaling Commission. Where discrepancies appeared between the revised figures and the tables previously published, the tables have now been corrected in accordance with the tables most recently prepared. The new and detailed statistics have made it possible to include all the seasons from and including 1931–32 in the introductory tables *l* and *m*, giving a survey of the whaling results in the different Antarctic areas.

*Seasons 1943/44–1953/54:* A comparison of the reports given by the companies with respect to the engine capacity of their catchers in IHP has revealed that some companies have recorded the IHP stated by the shipbuilders, while other companies have recorded the IHP measured on the trial trip. In order to get a uniform estimate of the catchers’ engine capacity a Norwegian committee of engineers has examined particulars collected with respect to the engines and boilers of the individual catchers, and determined the IHP of each catcher. The IHP standard determined by the committee, is the power normally developed by the engines while operating. The figures for the catchers’ IHP are in this publication based on the statements of the engineering-committee.

Oslo, February 1955.

*Gunnar Jahn.*

*Birger Bergersen.*

*Einar Vangstein.*



## INTRODUCTION

During the Antarctic season 1953-54 7 countries carried on whaling with 17 floating factories, 3 shore stations and a total of 227 catchers. The whaling material employed in 1953-54 belonged to the participating countries as follows:

Norway . . . . .	9	floating factories,	1	shore station,	107	catchers
United Kingdom . . . . .	3	"	"	1	"	"
Union of South Africa	1	"	"		13	"
Japan . . . . .	2	"	"		26	"
The Netherlands . . . . .	1	"	"		12	"
U.S.S.R. . . . .	1	"	"		15	"
Argentina . . . . .	1	"	"		7	"

During the previous season 1952-53 16 floating factories, 3 shore stations and 251 catchers were operating. The two Norwegian expeditions which did not participate during that season, namely "Kosmos III" (A/S Kosmos, Sandefjord) and "Thorshøvdi" (A/S Odd, Sandefjord) were again operating during the season 1953-54. On the other hand, the Panamanian expedition "Olympic Challenger" (Olympic Whaling Company, S.A.), which participated during the season 1952-53, was not sent out in 1953-54.

All the countries participating in the Antarctic pelagic whaling season 1953-54 have ratified the International Whaling Convention. At the meeting of the International Whaling Commission in London in 1953 a number of alterations were made in the Schedule of the Convention. The most important regulations concerning pelagic whaling during the Antarctic season 1953-54 were:

1. The open season for the taking of fin-and sei-whales was from January 2nd.
2. The open season for the taking of blue-whales was from January 16th.
3. The open season for humpback whales was February 1st, 2nd, 3rd, and 4th.
4. The season was open for the taking of baleen whales until the agreed quotas of blue-whale units was reached, but not longer than to April 7th included.



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

Season 1951—52.		Season 1952—53.		Season 1953—54.	
Week ending	Number of blue-whale units	Week ending	Number of blue-whale units	Week ending	Number of blue-whale units
5/1 1952	1,200.0	3/1 1953	542.0	2/1 1954	305.0
12/1 "	1,672.0	10/1 "	1,938.0	9/1 "	1,729.0
18/1 "	1,915.5	17/1 "	1,659.5	16/1 "	1,469.0
26/1 "	1,632.0	24/1 "	1,412.5	23/1 "	1,477.0
2/2 "	1,599.4	31/1 "	1,664.5	30/1 "	1,240.0
9/2 "	2,056.8	7/2 "	1,368.8	6/2 "	1,545.0
16/2 "	1,742.0	14/2 "	1,533.5	13/2 "	1,181.0
23/2 "	1,768.5	21/2 "	1,335.9	20/2 "	1,545.0
1/3 "	1,724.0	28/2 "	1,147.0	27/2 "	1,382.0
5/3 "	660.6	7/3 "	984.2	6/3 "	1,398.0
		14/3 "	988.0	13/3 "	1,451.0
		13/3 "	281.0	14/3-13/3 "	716.8
Total	15,970.8	Total	14,854.9	Total	15,438.8

- The number of baleen whales taken during the open season in any waters south of 40° South Latitude by whale catchers attached to factory ships was not to exceed 15,500 blue-whale units. (As one blue-whale unit is reckoned 1 blue-whale or 2 fin-whales or 2½ humpbacks or 6 sei-whales).
- It was forbidden to take:

blue-whales	under 70 feet
fin-whales	" 60 "
sei-whales	" 40 "
humpbacks	" 35 "

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

- Pelagic hunting of baleen whales was prohibited between 70° West and 160° West.
- The open season for sperm-whales was 8 months and the minimum size limit 38 feet.
- Notification should be given 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; provided that when the number of blue-whale units was deemed by the Bureau of International Whaling Statistics to have reached 14,000,

**Table b.—Number and gross tonnage of floating factories and catchers engaged in pelagic whaling in the Antarctic 1943/44—1953/54.**

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.
1943-44....	1	12,215	12,215	8	2,480	310	1,013
1944-45....	1	14,362	14,362	8	2,480	310	1,013
1945-46....	9	123,499	13,722	77	24,326	316	1,190
1946-47....	15	198,179	13,212	129	42,307	328	1,233
1947-48....	17	234,759	13,809	162	56,156	347	1,302
1948-49....	18	254,406	14,134	191	76,272	399	1,501
1949-50....	18	257,112	14,284	216	91,499	424	1,582
1950-51....	19	271,646	14,297	239	108,493	454	1,705
1951-52 <sup>1)</sup> ..	19	289,120	15,217	263	124,374	473	1,774
1952-53....	16	233,448	14,903	230	113,608	494	1,862
1953-54....	17	261,898	15,406	206	102,525	498	1,874

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

notification should be given as aforesaid at the end of each day of data on the number of blue-whale units taken.

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 6 and 8 above, except that minimum size limit for sperm-whales was 35 feet.

Table *a*, page 8, gives a survey of the weekly catch of baleen whales converted into blue-whale units during the last 3 seasons in accordance with the telegraphic reports from the grounds.

Pursuant to the regulations laid down in the International Convention the Committee for International Whaling Statistics received weekly reports of the catch in blue-whale units from the opening of the baleen whale season until the total catch amounted to about 14,000 units. From that time daily reports were sent. On the basis of the reports per March 13th 1954, recording a total catch of 14,722 blue-whale units, the closing date was fixed to be March 18th midnight, and on March 14th the expeditions were notified accordingly.

According to the telegraphic reports from the grounds the aggregate result per March 18th amounted to 15,438.8 blue-whale units. By examining the statistical data provided by the companies after the return of the expeditions from the grounds, the total catch of the pelagic expeditions amounted to:

2,684 blue-whales	=	2,684.0 blue-whale units
24,986 fin-whales	=	12,493.0 —" —
594 humpbacks	=	237.6 —" —
251 sei-whales	=	41.8 —" —

---

Total 28,515 whales = 15,456.4 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.

From and including the season 1947-48 the official closing date for pelagic baleen whale operations has been fixed by the Committee for International Whaling Statistics. The catch, converted into blue-whale units, in relation to the fixed maximum quota during these seasons has been as follows:

Season	Catch in blue-whale units	Maximum quota— blue-whale units
1947-48	16,364.3	16,000
1948-49	16,007.4	16,000
1949-50	16,062.1	16,000
1950-51	16,416.2	16,000
1951-52	16,007.7	16,000
1952-53	14,866.6	16,000
1953-54	15,456.4	15,500
Total	111,180.7	111,500

During these 7 seasons the total catch has been 319.3 blue-whale units or 0.29 per cent lower than the permitted maximum quota.

The whaling period for pelagic baleen whale operations after the war 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
1952-53	January 2nd-March 16th	74
1953-54	January 2nd-March 18th . . . .	76

The whaling period for blue-whales during the season 1953-54 was from January 16th to March 18th.

Table *b*, page 9, gives information of the number and gross tonnage of the floating factories and catchers engaged in pelagic whaling from 1943-44 (see Preface). The survey on next page shows the number of catchers per floating factory and the average engine power of the catchers from and including the season 1947-48:

Season	Number of floating factories	Average number of catchers per floating factory	Average I.H.P. of the catchers
1947-48	17	9.5	1,302
1948-49	18	10.6	1,501
1949-50	18	12.0	1,582
1950-51	19	12.6	1,705
1951-52	19	13.8	1,774
1952-53	16	14.4	1,862
1953-54	17	12.1	1,874

The average number of catchers engaged per floating factory has increased from season to season until and including 1952-53. This is mainly due to the hard run for the blue-whale units. For the season 1953-54,

Table c.—Total Antarctic.

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	1,874	3,213	261	71	8	1 <sup>1)</sup> 14	5,441	Barrels. 272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	1 <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	1 <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	1 <sup>1)</sup> 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	1 <sup>1)</sup> 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	1 <sup>1)</sup> 4	13,775	1,037,392	6	18	84	164
1928-29	12,734	6,689	48	808	62	—	20,341	1,631,340	6	26	111	183
1929-30	17,898	11,614	853	216	73	1 <sup>1)</sup> 1	30,655	2,546,759	6	38	194	158
1930-31	29,410	10,017	576	145	51	1 <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	1 <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	1 <sup>1)</sup> 1	38,356	2,820,771	2	34	281	136
1939-40	11,480	18,694	2	81	1,938	2 <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	1,100,908	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	1 <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	3 <sup>3)</sup> 1	33,997	2,303,690	3	19	260	131
1951-52	5,130	22,527	1,556	530	5,485	4 <sup>4)</sup> 9	35,237	2,479,180	3	20	289	122
1952-53	3,870	22,867	963	621	2,332	—	30,653	2,118,097	3	16	251	122
1953-54	2,697	27,659	605	1,029	2,879	4 <sup>4)</sup> 3	34,872	2,285,720	3	17	227	154

<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.

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	11,174	3,559	33	412	31	—	15,209	1,282,711	1	25	88	173
1929-30	17,410	8,218	807	1	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	114	208
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	239	130
1951-52	5,124	20,520	1,546	32	5,344	<sup>5)</sup> 9	32,575	2,334,805	—	20	268	122
1952-53	3,866	21,197	954	123	2,185	—	28,325	1,998,094	—	16	230	123
1953-54	2,684	24,986	594	251	2,700	<sup>5)</sup> 3	31,218	2,100,884	—	17	206	152

<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.

however, the companies succeeded in coming to an agreement restricting the number of catchers. This agreement was acceded to by all the companies engaged in pelagic whaling in the Antarctic with the exception of one single company. The agreement resulted in a reduction of the average number of catchers per floating factory from 14.4 during the season 1952-53 to 12.1 in 1953-54.

The total whaling results in the Antarctic from 1919-20 up to and including 1953-54 will be seen in table *c*, page 11. In table *d*, above, the results of the pelagic whaling during the same period have been recorded separately.

During the season 1953-54 the pelagic expeditions killed 31,218 whales, yielding an oil production of 2,100,884 barrels, of which 1,964,994

**Table e.—Average production per floating factory and catcher in the pelagic whaling in Antarctic 1928/29—1953/54 (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.
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	773	155	4,427	888
1932-33 .....	2,395,042	17	140,885	2,470	145	16,518	970
1933-34 .....	2,225,663	19	117,140	2,298	121	18,394	969
1934-35 .....	2,312,702	23	100,552	2,831	123	18,802	817
1935-36 .....	2,269,524	24	94,564	2,329	97	23,397	974
1936-37 .....	2,527,026	30	84,234	2,881	96	26,323	877
1937-38 .....	3,201,153	31	103,263	3,157	102	31,384	1,014
1938-39 .....	2,564,506	34	75,427	3,273	96	26,714	784
1945-46 .....	728,716	9	80,968	993	110	6,625	734
1946-47 .....	1,728,370	15	115,225	1,667	111	15,571	1,037
1947-48 .....	1,809,560	17	106,445	1,914	113	16,014	945
1948-49 .....	1,844,867	18	102,493	1,818	101	18,266	1,015
1949-50 .....	1,888,968	18	104,943	1,492	83	22,759	1,266
1950-51 .....	1,909,640	19	100,507	1,471	77	24,801	1,298
1951-52 .....	2,054,853	19	108,150	1,216	64	32,107	1,690
1952-53 .....	1,884,207	16	117,763	1,184	74	25,462	1,591
1953-54 .....	1,964,994	17	115,588	1,292	76	25,855	1,521

**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.	
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	5,149	156	133	1.43
1932-33 ....	2,395,042	112	21,384	16,150	144	148	1.44
1933-34 ....	2,225,663	114	19,523	13,725	120	162	1.68
1934-35 ....	2,312,702	143	16,173	18,143	127	127	1.64
1935-36 ....	2,269,524	165	13,755	16,173	98	140	1.78
1936-37 ....	2,527,026	184	13,734	17,656	96	143	1.81
1937-38 ....	3,201,153	244	13,119	24,897	102	129	1.74
1938-39 ....	2,564,506	270	9,498	25,954	96	99	1.32
1945-46 ....	728,716	77	9,464	8,253	107	88	1.36
1946-47 ....	1,728,370	129	13,398	14,414	112	120	1.51
1947-48 ....	1,809,560	162	11,170	17,747	110	102	1.46
1948-49 ....	1,844,867	191	9,659	18,902	99	98	1.30
1949-50 ....	1,888,968	216	8,745	18,128	84	104	1.46
1950-51 ....	1,909,640	239	7,990	18,554	78	103	1.42
1951-52 ....	2,054,853	263	7,813	16,902	64	122	1.61
1952-53 ....	1,884,207	230	8,192	17,101	74	110	1.53
1953-54 ....	1,964,994	206	9,539	15,630	76	126	1.82

<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.
1928-29.....	73.5	23.4	0.2	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
1952-53.....	13.7	74.8	3.4	0.4	7.7	100
1953-54.....	8.6	80.0	1.9	0.8	8.7	100

barrels were whale-oil and 135,890 barrels sperm-oil. During the previous season 1952-53 28,325 whales were killed, from which were produced 1,884,207 barrels of whale-oil and 113,887 barrels of sperm-oil. This means an increase in 1953-54 of 80,787 barrels whale-oil in spite of the maximum quota being reduced to 15,500 blue-whale units in 1953-54 against 16,000 units in 1952-53. However, during the season 1952-53 the maximum quota was not reached, the total catch amounting to 14,866.6 blue-whale units. During the season 1953-54 2,684 blue-whales were killed, or 1,182 less than in the preceding season. On the other hand, the fin-whale catch increased by 3,789 animals, from 21,197 in 1952-53 to 24,986 in 1953-54. During the last season the catch of humpbacks was limited to the days February 1st, 2nd, 3rd and 4th, and the total result was 594 humpbacks. In 1952-53 the humpback season lasted 6 days and 954 humpbacks were killed. The number of sperm-whales killed increased by 515 whales from the preceding season.

Table e, page 13, gives a survey for a series of years of the average total and average daily oil production per floating factory as well as per 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 14, illustrates the relation between the various species of whales killed in pelagic operations in the Antarctic from 1928–29. The blue-whale catch in 1953–54 represented 8.6 per cent of the total number of whales killed against 13.7 per cent in the preceding season. The fin-whales killed represented 80 per cent of the total catch against 74.8 per cent in 1952–53 and 63 per cent in 1951–52. As previously mentioned the opening date of the fin-whale season was January 2nd 1954, whereas the blue-whale season did not open until January 16th.

In the survey below is stated the number of blue- and fin-whales killed and the correlation between the catch of these two most important species of baleen whales during a number of seasons:

Season	Blue-whales		Fin-whales	
	Number	Per cent	Number	Per cent
1930–31	28,325	76.7	8,601	23.3
1932–33	18,624	80.7	4,441	19.3
1937–38	14,826	35.9	26,457	64.1
1938–39	13,849	41.6	19,477	58.4
1947–48	6,862	26.5	18,999	73.5
1948–49	7,399	30.1	17,201	69.9
1949–50	6,168	25.5	18,061	74.5
1950–51	6,966	28.5	17,474	71.5
1951–52	5,124	20.0	20,520	80.0
1952–53	3,866	15.4	21,197	84.6
1953–54	2,684	9.7	24,986	90.3

The number of blue-whales killed during the season 1953–54 is the lowest recorded since 1924–25, with exception of the war-seasons. On the other hand, the fin-whale catch is the largest recorded since 1937–38. During the seasons previous to 1933–34 about 80 per cent of all blue- and fin-whales killed in the pelagic Antarctic operations were blue-whales. During the last two pre-war seasons 1937–38 and 1938–39 the blue-whale catch represented 35.9 and 41.6 per cent of the total catch of these two species, while during the last seasons 1952–53 and 1953–54 only 15.4 and 9.7 per cent were blue-whales.

In tables *g* and *h*, pages 16 and 17, the monthly catch of the various species of whales is recorded in absolute and percentage figures for a series of seasons. In 1953–54 the catching period for blue-whales embraced only 16 days of January, and the number of blue-whales killed represented only 4.6 per cent of the total January catch. In 1952–53, when the blue-whale operations were carried on throughout January, 17.5 per cent of all whales



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 <sup>1)</sup> figures.	
<i>Total animals.</i>	1938-39..	1,362	10,138	12,618	9,978	2,569	-	1) 36,665	1) 36,681
	1945-46..	58	1,316	3,237	3,749	2,452	624	11,436	11,474
	1946-47..	353	4,549	6,258	5,763	5,364	746	23,033	23,043
	1947-48..	455	5,317	9,180	6,833	6,401	6	28,192	28,369
	1948-49..	848	5,151	9,776	7,393	5,164	1	28,333	28,494
	1949-50..	24	5,945	10,697	8,602	3,499	-	28,767	29,017
	1950-51..	1,028	6,075	10,603	10,751	2,475	-	30,932	31,179
	1951-52..	1,077	3,504	12,794	13,277	1,651	-	32,303	32,566
	1952-53..	64	1,444	12,302	9,764	4,465	-	28,039	28,325
1953-54..	141	1,875	12,320	10,295	6,239	-	30,870	31,215	
<i>Blue- whales.</i>	1938-39..	849	5,128	4,892	2,365	605	-	13,839	13,849
	1945-46..	21	679	1,041	1,204	480	91	3,516	3,526
	1946-47..	1	2,592	2,248	1,793	1,948	282	8,864	8,865
	1947-48..	2	2,295	1,968	1,481	1,099	-	6,845	6,862
	1948-49..	-	1,864	2,587	1,721	1,199	-	7,371	7,399
	1949-50..	-	627	2,620	2,124	761	-	6,132	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
	1952-53..	1	6	2,150	1,249	441	-	3,847	3,866
1953-54..	-	1	567	1,365	734	-	2,667	2,684	
<i>Fin- whales.</i>	1938-39..	64	3,608	6,956	7,057	1,792	-	19,477	19,477
	1945-46..	27	545	2,121	2,514	1,962	532	7,701	7,729
	1946-47..	1	1,584	3,740	3,760	3,322	463	12,870	12,877
	1947-48..	-	2,164	6,571	5,004	5,119	6	18,864	18,999
	1948-49..	-	1,885	6,416	5,114	3,666	-	17,081	17,201
	1949-50..	-	2,038	6,981	6,231	2,626	-	17,876	18,061
	1950-51..	-	2,435	7,267	6,055	1,539	-	17,296	17,474
	1951-52..	-	-	10,137	8,875	1,300	-	20,312	20,520
	1952-53..	1	5	9,940	7,400	3,618	-	20,964	21,197
1953-54..	-	9	11,411	8,001	5,254	-	24,675	24,986	
<i>Hump- backs.</i>	1938-39..	134	456	235	58	-	-	883	883
	1946-47..	-	-	-	-	-	1	1	1
	1947-48..	1	1	-	-	-	-	2	2
	1948-49..	2	5	2	-	4	-	13	13
	1949-50..	-	1,425	679	1	-	-	2,105	2,117
	1950-51..	-	-	-	1,624	-	-	1,624	1,630
	1951-52..	-	1	-	1,531	-	-	1,532	1,546
	1952-53..	-	2	-	938	1	-	941	954
1953-54..	-	-	-	587	6	-	593	594	
<i>Sei- whales.</i>	1938-39..	-	-	-	-	1) 4	-	1) 4	1) 4
	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..	-	-	-	322	39	-	361	367
	1951-52..	-	-	9	21	1	-	31	32
	1952-53..	-	-	1	22	92	-	115	123
1953-54..	-	-	60	147	42	-	249	251	
<i>Sperm- whales.</i>	1938-39..	315	946	535	498	168	-	2,462	2,468
	1945-46..	10	92	75	29	9	1	216	216
	1946-47..	351	373	270	210	92	-	1,296	1,298
	1947-48..	452	857	641	348	171	-	2,469	2,494
	1948-49..	846	1,397	771	557	280	1	3,852	3,865
	1949-50..	24	1,855	415	225	34	-	2,553	2,570
	1950-51..	1,028	2,580	565	316	234	-	4,723	4,742
	1951-52..	1,077	3,502	323	355	70	-	5,327	5,344
	1952-53..	62	1,431	211	155	313	-	2,172	2,185
1953-54..	141	1,865	282	195	203	-	2,686	2,700	

<sup>1)</sup> 1 right-whale 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	
	1945-46	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	.....	.	.	.	.	.	.	.	
	.....	.	.	.	.	.	.	.	
<i>Blue-whales</i>	1938-39	62.4	50.6	38.8	23.7	23.6	-	37.8	37.8
	1945-46	36.2	51.6	32.2	32.1	19.6	14.6	30.8	30.7
	1946-47	0.3	57.0	35.9	31.1	36.3	37.8	38.5	38.5
	1947-48	0.4	43.2	21.4	21.7	17.1	-	24.3	24.2
	1948-49	-	36.2	26.5	23.3	23.2	-	26.0	26.0
	1949-50	-	10.5	24.5	24.7	21.7	-	21.3	21.3
	1950-51	-	17.4	26.1	22.7	26.8	-	22.4	22.3
	1951-52	-	0.1	18.2	18.8	17.0	-	15.8	15.7
	1952-53	1.6	0.4	17.5	12.8	9.9	-	13.7	13.7
1953-54	-	0.1	4.6	13.3	11.8	-	8.7	8.6	
<i>Fin-whales</i>	1938-39	4.7	35.6	55.1	70.7	69.8	-	53.1	53.1
	1945-46	46.6	41.4	65.5	67.0	80.0	85.2	67.3	67.4
	1946-47	0.3	34.8	59.8	65.2	62.0	62.1	55.9	55.9
	1947-48	-	40.7	71.6	73.2	80.0	100.0	66.9	67.0
	1948-49	-	36.6	65.6	69.2	71.0	-	60.3	60.4
	1949-50	-	34.3	65.3	72.4	75.1	-	62.1	62.2
	1950-51	-	40.1	68.6	56.3	62.2	-	55.9	56.1
	1951-52	-	-	79.2	66.8	78.7	-	62.9	63.0
	1952-53	1.5	0.4	80.8	75.8	81.0	-	74.8	74.8
1953-54	-	0.5	92.6	77.7	84.2	-	79.9	80.0	
<i>Hump-backs</i>	1938-39	9.8	4.5	1.9	0.6	-	-	2.4	2.4
	1945-46	-	-	-	-	-	-	-	-
	1946-47	-	-	-	-	-	0.1	-	-
	1947-48	0.2	-	-	-	-	-	-	-
	1948-49	0.2	0.1	-	-	0.1	-	-	-
	1949-50	-	24.0	6.3	-	-	-	7.3	7.3
	1950-51	-	-	-	15.1	-	-	5.2	5.2
	1951-52	-	-	-	11.5	-	-	4.7	4.8
	1952-53	-	0.1	-	9.6	2.1	-	3.4	3.4
1953-54	-	-	-	5.7	-	-	1.9	1.9	
<i>Sei-whales</i>	1938-39	-	-	-	-	0.1	-	-	-
	1945-46	-	-	-	0.1	-	-	-	-
	1946-47	-	-	-	-	-	-	-	-
	1947-48	-	-	-	-	0.2	-	-	-
	1948-49	-	-	-	-	0.3	-	0.1	-
	1949-50	-	-	-	0.3	2.2	-	0.4	0.3
	1950-51	-	-	-	3.0	1.6	-	1.2	1.2
	1951-52	-	-	0.1	0.2	0.1	-	0.1	0.1
	1952-53	-	-	-	0.2	-	-	0.4	0.4
1953-54	-	-	0.5	1.4	0.7	-	0.8	0.8	
<i>Sperm-whales</i>	1938-39	23.1	9.3	4.2	5.0	6.5	-	6.7	6.7
	1945-46	17.2	7.0	2.3	0.8	0.4	0.2	1.9	1.9
	1946-47	99.4	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	7.5	5.4	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	42.5	5.3	2.9	9.4	-	15.3	15.2
	1951-52	100.0	99.9	2.5	2.7	4.2	-	16.5	16.4
	1952-53	96.9	99.1	1.7	1.6	7.0	-	7.7	7.7
1953-54	100.0	99.4	2.3	1.9	3.3	-	8.7	8.7	

**Table i.—Average size of whales killed in the Antarctic, by whaling grounds and species of whales 1938/39 and 1943/44—1953/54.**

Whaling grounds and species of whales.	1938 -39	1943 -44	1944 -45	1945 -46	1946 -47	1947 -48	1948 -49	1949 -50	1950 -51	1951 -52	1952 -53	1953 -54
<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 .....	76.6	75.8	76.3	76.8	76.8	77.1	77.5	77.7	77.3	76.4	75.8	76.0
Females .....	79.5	79.9	79.3	79.9	79.7	79.9	80.8	80.7	79.4	79.5	79.1	79.6
Total animals.....	78.0	77.9	77.9	78.3	78.3	78.4	79.1	79.0	78.2	78.0	77.5	78.0
<i>Fin-whales.</i>												
Males .....	65.7	65.2	66.3	66.1	65.8	66.6	66.4	66.0	65.2	66.4	65.7	65.6
Females .....	68.9	67.6	68.9	69.2	69.0	69.6	69.6	69.1	68.2	69.4	68.8	68.7
Total animals.....	67.2	66.3	67.3	67.5	67.4	67.9	67.9	67.5	66.6	67.9	67.3	67.1
<i>Humpbacks.</i>												
Males .....	37.7	—	—	—	—	—	39.7	39.7	39.7	39.3	39.5	39.6
Females .....	40.5	—	—	—	48.0	46.0	42.5	41.4	41.6	41.4	42.0	41.1
Total animals.....	39.6	—	—	—	48.0	46.0	41.8	40.6	40.8	40.4	40.9	40.3
<b>South Georgia.</b>												
<i>Blue-whales, total ...</i>	75.8	73.0	73.4	73.4	77.1	76.3	76.3	74.3	76.9	72.0	74.0	73.3
<i>Fin-whales, total ...</i>	65.4	65.2	65.4	66.2	67.5	65.8	65.6	65.2	66.0	66.0	65.4	64.0
<i>Humpbacks, total ...</i>	—	40.5	42.0	41.5	38.6	41.4	40.2	40.0	40.1	39.8	40.1	39.4
<i>Sperm-whales, total..</i>	50.3	50.2	48.9	47.7	45.1	46.7	46.0	48.6	46.9	48.1	46.7	47.0

killed during that month were blue-whales. The average daily number of blue-whales killed in January 1953 was 71.7, in January 1954 35.4. During the months of February and March the percentage proportion of blue-whales killed increased slightly as compared with 1952-53—0.5 per cent and 1.9 per cent respectively.

By comparing the figures recorded for the catch in each month, it will appear that the blue-whale in later years represents a smaller part of the total catch than during the pre-war seasons. These figures, however, are not strictly comparable. Whaling statistics of previous years show that the presence of blue-whales is generally more abundant during the Antarctic spring months, i. e. November and December. Since 1951 the whaling operations have not commenced until January 2nd — in 1954 not until January 16th for blue-whales — and the decline in the blue-whale catch may therefore to a certain extent be attributed to this curtailment of the whaling period.

However, by comparing the data recorded for the months of January and February, when whaling operations have been carried on at full capacity during all seasons — except of January 1954 for blue-whales — it will appear that the number of blue-whales killed also in these months has been lower during the post-war seasons than in previous years. During the seasons since 1950-51 there is, as will be seen from the figures on next page, a marked decline in the number of blue-whales killed in relation to all

baleen whales killed. In February 1950/51—1953/54 a comparatively high number of humpbacks was killed. If these humpbacks are deducted, the percentage figures for blue-whales killed in February during those 4 seasons will be 27.6, 21.9, 14.4 and 14.3, respectively. One may, however, still draw the conclusion that the stock of blue-whales has become considerably decimated.

Season	Number of blue-whales caught in pelagic whaling		Blue-whales in per cent of all baleen whales caught in pel. whaling	
	January	February	January	February
1938-39 . . . . .	4,892	2,365	40.5	24.9
1944-45 . . . . .	318	172	65.2	47.6
1945-46 . . . . .	1,041	1,204	32.9	32.4
1946-47 . . . . .	2,248	1,793	37.5	32.3
1947-48 . . . . .	1,968	1,481	23.0	22.8
1948-49 . . . . .	2,587	1,721	28.7	25.2
1949-50 . . . . .	2,620	2,124	25.5	25.4
1950-51 . . . . .	2,771	2,434	27.6	23.3
1951-52 . . . . .	2,325	2,495	18.6	19.3
1952-53 . . . . .	2,150	1,249	17.8	13.0
1953-54 . . . . .	1) 567	1,365	—	13.5

1) Catch only from January 16th.

Table *i*, page 18, gives the average size of blue-whales, fin-whales and humpbacks killed in the pelagic operations and off South Georgia from and including 1938-39. The minimum length settled for the various species are:

Blue-whales . . . . .	70 ft.
Fin-whales . . . . .	60 "
Humpbacks . . . . .	35 "

The average length of the blue-whales killed in 1953-54 was 78.0 ft., i. e. an increase of 0.5 ft. since the preceding season. The average size of the fin-whales killed, however, decreased by 0.2 ft., from 67.3 ft. in 1952-53 to 67.1 ft. in the last season. The average size of the humpbacks killed during the last season was 40.3 ft. against 40.9 ft. during the season 1952-53.

The minimum length settled for killing of fin-whales was 55 ft. up to and including the season 1950-51, and has for the last 3 seasons been 60 ft. This raise has influenced the figures recorded for the average size of fin-whales killed.

In table *j*, page 20, is recorded the average size of blue-, fin- and humpback-whales killed, excluding the animals below the minimum length settled for 1953-54. This table has been prepared in order to eliminate the possible influence which a variation in the legal size and in the number of under-sized whales killed might have on the average size.

Table j.—Average size of whales killed, by species and sex 1938/39 and 1943/44—1953/54, 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	1943 -44	1944 -45	1945 -46	1946 -47	1947 -48	1948 -49	1949 -50	1950 -51	1951 -52	1952 -53	1953 -54
	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 . . . . .	77.3	75.9	76.5	77.2	77.6	77.6	77.9	78.2	77.8	77.1	76.3	76.4
Females . . . . .	80.3	80.0	79.4	80.3	80.5	80.4	81.2	81.3	80.0	80.1	79.5	80.1
Total animals.	78.8	78.0	78.0	78.7	79.1	79.0	79.5	79.6	78.8	78.6	78.0	78.5
<i>Fin-whales.</i>												
Males . . . . .	66.5	65.8	66.6	66.4	66.4	67.1	66.9	66.7	66.3	66.7	66.0	65.9
Females . . . . .	69.8	67.9	69.2	69.6	69.5	70.1	70.2	70.0	69.3	69.7	69.1	69.0
Total animals.	68.1	66.8	67.7	67.8	68.0	68.4	68.5	68.3	67.8	68.1	67.6	67.4
<i>Humpbacks.</i>												
Males . . . . .	38.1	—	—	—	—	—	39.7	40.1	40.1	39.6	39.7	39.7
Females . . . . .	40.8	—	—	—	48.0	46.0	43.6	41.8	41.8	41.7	42.2	41.3
Total animals.	40.0	—	—	—	48.0	46.0	42.6	41.0	41.1	40.7	41.1	40.5

Table k, page 21, gives particulars of the catch of mature and immature whales in absolute and relative figures from and including the season 1938-39.

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	—,,—

During the last season 36.5 per cent of the blue-whales killed were immature. This is a decrease of 2.6 per cent as compared with 1952-53. Of the total number of fin-whales killed 21.9 per cent were immature against 22.1 per cent in the previous season. 49.1 per cent of the humpback catch consisted of immature animals during the last season against 41.4 per cent in 1952-53.

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.

Table k.—Antarctic, pelagic whaling. Catch of immature and mature whales 1938/39 and 1945/46—1953/54.

	1938—39.		1945—46.		1946—47.		1947—48.		1948—49.		1949—50.		1950—51.		1951—52.		1952—53.		1953—54.	
	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 . . . . .	1,940	27.8	394	21.6	1,014	23.0	870	24.6	797	20.6	650	19.1	875	23.3	778	31.7	677	36.8	409	33.5
females . . . . .	2,343	34.1	478	28.3	1,335	29.9	1,088	32.9	933	26.7	764	28.0	1,164	36.7	1,015	38.4	827	41.2	564	39.0
animals . . . . .	4,283	30.9	872	24.8	2,349	26.5	1,958	28.6	1,730	23.5	1,414	23.1	2,039	29.4	1,793	35.1	1,504	39.1	973	36.5
Mature																				
males . . . . .	5,034	72.2	1,433	78.4	3,387	77.0	2,667	75.4	3,077	79.4	2,755	80.9	2,882	76.7	1,680	68.3	1,165	63.2	811	66.5
females . . . . .	4,522	65.9	1,211	71.7	3,128	70.1	2,220	67.1	2,564	73.3	1,963	72.0	2,007	63.3	1,628	61.6	1,178	58.8	883	61.0
animals . . . . .	9,556	69.1	2,644	75.2	6,515	73.5	4,887	71.4	5,641	76.5	4,718	76.9	4,889	70.6	3,308	64.9	2,343	60.9	1,694	63.5
<b>Fin-whales.</b>																				
Immature																				
males . . . . .	2,097	20.2	587	13.9	1,018	15.9	1,241	11.9	1,215	13.7	1,557	16.8	2,037	22.7	1,495	14.2	2,151	20.6	2,593	20.4
females . . . . .	2,039	22.4	514	14.8	1,108	17.1	1,365	16.2	1,279	15.5	1,645	19.1	2,092	25.1	1,867	19.1	2,486	23.6	2,802	23.4
animals . . . . .	4,136	21.2	1,101	14.3	2,126	16.5	2,606	13.8	2,494	14.6	3,202	17.9	4,129	23.9	3,362	16.6	4,637	22.1	5,395	21.9
Mature																				
males . . . . .	8,297	79.8	3,651	86.1	5,385	84.1	9,216	88.1	7,627	86.3	7,726	83.2	6,919	77.3	9,025	85.8	8,296	79.4	10,106	79.6
females . . . . .	7,044	77.6	2,949	85.2	5,359	82.9	7,042	83.8	6,960	84.5	6,948	80.9	6,248	74.9	7,925	80.9	8,031	76.4	9,174	76.6
animals . . . . .	15,341	78.8	6,600	85.7	10,744	83.5	16,258	86.2	14,587	85.4	14,674	82.1	13,167	76.1	16,950	83.4	16,327	77.9	19,280	78.1
<b>Humpbacks.</b>																				
Immature																				
males . . . . .	182	69.2	—	—	—	—	—	—	2	66.7	400	41.1	298	43.4	347	48.9	207	50.7	159	52.1
females . . . . .	310	50.0	—	—	—	—	—	—	4	40.0	424	37.5	315	33.6	330	40.1	183	34.3	132	45.8
animals . . . . .	492	55.7	—	—	—	—	—	—	6	46.1	824	39.1	613	37.7	677	44.2	390	41.4	291	49.1
Mature																				
males . . . . .	81	30.8	—	—	—	—	—	—	1	33.3	573	58.9	388	56.6	363	51.1	201	49.3	146	47.9
females . . . . .	310	50.0	—	—	1	100.0	2	100.00	6	60.0	708	62.5	623	66.4	492	59.9	350	65.7	156	54.2
animals . . . . .	391	44.3	—	—	1	100.0	2	100.00	7	53.9	1,281	60.9	1,011	62.3	855	55.8	551	58.6	302	50.9

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>																
1931/32-1937/38	<sup>1)</sup> 17,214	16.7	79.0	48,125	46.8	78.4	37,210	36.2	80.2	314	0.3	80.4	102,863	100	79.2	102,950
1938-39	3,454	25.0	79.0	4,455	32.2	77.0	4,915	35.5	77.9	1,015	7.3	79.7	13,839	100	78.0	13,849
1939-40	3,441	61.9	78.2	734	13.2	76.8	1,386	24.9	78.7	-	-	-	5,561	100	78.2	11,392
1940/41-1944/45	2,106	90.8	77.9	214	9.2	78.5	-	-	-	-	-	-	2,320	100	77.9	6,161
1945-46	599	17.0	78.3	2,917	83.0	78.3	-	-	-	-	-	-	3,516	100	78.3	3,526
1946-47	1,857	21.0	78.6	2,968	33.5	78.4	3,346	37.7	78.1	693	7.8	77.6	8,864	100	78.3	8,865
1947-48	1,536	22.5	76.7	1,890	27.6	78.6	1,952	28.5	79.4	1,467	21.4	78.7	6,845	100	78.4	6,862
1948-49	2,022	27.4	78.6	2,981	40.4	79.3	1,325	18.0	79.1	1,043	14.2	79.2	7,371	100	79.1	7,399
1949-50	1,064	17.3	78.4	1,512	24.7	78.5	925	15.1	78.9	2,631	42.9	79.6	6,132	100	79.0	6,168
1950-51	1,559	22.5	77.4	1,427	20.6	77.8	1,076	15.5	77.7	2,866	41.4	79.2	6,928	100	78.2	6,966
1951-52	447	8.8	78.2	1,836	36.0	79.2	1,199	23.5	77.7	1,619	31.7	76.9	5,101	100	78.0	5,124
1952-53	727	18.9	78.9	1,454	37.8	77.7	837	21.8	77.0	829	21.5	76.6	3,847	100	77.5	3,866
1953-54	542	20.3	78.1	1,569	58.8	78.2	356	13.4	77.2	200	7.5	77.3	2,667	100	78.0	2,684
1931/32-1953/54	36,568	20.8	78.6	72,082	41.0	78.4	54,527	31.0	79.6	12,677	7.2	78.7	175,854	100	78.8	185,812
<b>Fin-whales.</b>																
1931/32-1937/38	<sup>2)</sup> 25,970	36.3	67.8	31,251	43.6	67.7	14,373	20.1	68.7	20	-	69.2	71,614	100	67.9	71,649
1938-39	6,252	32.1	67.4	5,710	29.3	66.4	5,540	28.5	67.5	1,975	10.1	68.1	19,477	100	67.2	19,477
1939-40	7,840	73.7	67.4	2,218	20.9	66.9	574	5.4	67.5	-	-	-	10,632	100	67.3	17,757
1940/41-1944/45	2,039	97.7	66.5	49	2.3	67.4	-	-	-	-	-	-	2,088	100	66.6	8,289
1945-46	4,901	63.6	67.7	2,800	36.4	67.1	-	-	-	-	-	-	7,701	100	67.5	7,729
1946-47	4,655	36.2	66.7	4,382	34.0	68.5	3,355	26.1	67.3	478	3.7	65.9	12,870	100	67.4	12,877
1947-48	6,136	32.5	68.1	6,483	34.4	67.8	4,654	24.7	67.9	1,591	8.4	67.9	18,864	100	67.9	18,999
1948-49	4,995	29.2	67.4	6,457	37.8	68.5	3,068	18.0	67.4	2,561	15.0	68.2	17,081	100	67.9	17,201
1949-50	7,150	40.0	67.5	5,117	28.6	67.5	2,940	16.5	66.6	2,669	14.9	68.2	17,876	100	67.5	18,061
1950-51	5,543	32.1	66.5	4,133	23.9	66.2	4,210	24.3	66.5	3,410	19.7	67.7	17,296	100	66.6	17,474
1951-52	5,977	29.4	67.9	7,122	35.1	68.1	2,141	10.5	67.3	5,072	25.0	67.8	20,312	100	67.9	20,520
1952-53	4,551	21.7	68.1	11,364	54.2	67.1	1,449	6.9	66.2	3,600	17.2	67.3	20,964	100	67.3	21,197
1953-54	7,751	31.4	67.4	11,459	46.4	67.0	2,195	8.9	67.0	3,270	13.3	66.8	24,675	100	67.1	24,986
1931/32-1953/54	93,760	35.9	67.5	98,545	37.7	67.5	44,499	17.0	67.6	24,646	9.4	67.6	261,450	100	67.5	276,216

Humpbacks, see next page.

<sup>1)</sup> Incl. 608 blue-whales, length not stated. <sup>2)</sup> Incl. 193 fin-whales, length not stated.

**Table I (cont.). Number and average size of whales caught in the different areas of the Antarctic. Pelagic whaling.**

Species of whales. Seasons.	Area II.			Area III.			Area IV.		
	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>Humpbacks.</b>									
1931/32-1937/38 .	1,057	8.4	41.0	6,209	49.1	40.8	5,384	42.5	40.7
1938-39 . . . . .	—	—	—	—	—	—	859	97.3	39.6
1940-41 . . . . .	231	82.8	42.6	48	17.2	41.2	—	—	—
1946/47-1948/49 .	6	37.5	44.0	9	56.3	41.7	1	6.2	45.0
1949-50 . . . . .	172	8.2	41.0	251	11.9	41.4	779	37.0	40.4
1950-51 . . . . .	264	16.3	41.4	20	1.2	38.8	1,112	68.5	40.5
1951-52 . . . . .	33	2.2	42.9	189	12.3	42.0	1,127	73.6	39.9
1952-53 . . . . .	14	1.5	44.6	218	23.2	41.2	191	20.3	39.1
1953-54 . . . . .	13	2.2	41.2	172	29.0	41.0	258	43.5	39.3
1931/32-1953/54 .	1,790	8.7	41.3	7,116	34.5	40.8	9,711	47.1	40.4
Seasons	Area V.			All areas			The Whaling Statistics' total figures for the whales caught.		
1931/32-1937/38 .	4	—	43.0	12,654	100	40.7	12,665		
1938-39 . . . . .	24	2.7	39.8	883	100	39.6	883		
1940-41 . . . . .	—	—	—	279	100	42.4	2,675		
1946/47-1948/49 .	—	—	—	16	100	42.8	16		
1949-50 . . . . .	903	42.9	40.5	2,105	100	40.6	2,117		
1950-51 . . . . .	228	14.0	41.8	1,624	100	40.8	1,630		
1951-52 . . . . .	183	11.9	41.6	1,532	100	40.4	1,546		
1952-53 . . . . .	518	55.0	41.4	941	100	40.9	954		
1953-54 . . . . .	150	25.3	41.3	593	100	40.3	594		
1931/32-1953/54 .	2,010	9.7	41.0	20,627	100	40.7	2) 23,082		

<sup>1)</sup> Incl. 2 humpbacks, length not stated. <sup>2)</sup> 2 humpbacks caught in the season 1939/40 are included.

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 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 I, page 22, gives a survey of the number and average size of blue-, fin- and humpback-whales killed in areas II, III, IV and V from 1931-32. The figures concerning the seasons 1931/32—1937/38 are added together. The same is the case in respect to the seasons 1940/41—1944/45.

The catch of blue- and fin-whales during the seasons 1953-54 and 1952-53 is divided over the areas as follows:



Table m.—Number of whales killed during the seasons 1931/32—1953/54.

— 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	36,568	20.8	93,760	35.9	1,790	8.7	6,090	19.0	138,208	28.2
III	72,082	41.0	98,545	37.7	7,116	34.5	13,714	42.8	191,457	39.1
IV	54,527	31.0	44,499	17.0	9,711	47.1	8,096	25.2	116,833	23.8
V	12,677	7.2	24,646	9.4	2,010	9.7	4,159	13.0	43,492	8.9
Total	175,854	100.0	261,450	100.0	20,627	100.0	32,059	100.0	489,990	100.0

— 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.....	36,568	26.5	72,082	37.6	54,527	46.7	12,677	29.1	175,854	35.9
Fin.....	93,760	67.8	98,545	51.5	44,499	38.1	24,646	56.7	261,450	53.4
Humpback.....	1,790	1.3	7,116	3.7	9,711	8.3	2,010	4.6	20,627	4.2
Sperm.....	6,090	4.4	13,714	7.2	8,096	6.9	4,159	9.6	32,059	6.5
Total.....	138,208	100.0	191,457	100.0	116,833	100.0	43,492	100.0	489,990	100.0

Area	Blue-whales				Fin-whales			
	1952—53		1953—54		1952—53		1953—54	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Area II .	727	18.9	542	20.3	4,551	21.7	7,751	31.4
Area III .	1,454	37.8	1,569	58.8	11,364	54.2	11,459	46.4
Area IV .	837	21.8	356	13.4	1,449	6.9	2,195	8.9
Area V .	829	21.5	200	7.5	3,600	17.2	3,270	13.3
Total . . . .	3,847	100.0	2,667	100.0	20,964	100.0	24,675	100.0

During both seasons the largest number of blue-whales — and fin-whales as well — was killed in area III. In 1953—54 58.8 per cent of all blue-whales and 46.4 per cent of all fin-whales killed were taken in area III. 79.1 per cent of the blue-whales and 77.8 per cent of the fin-whales were killed in areas II and III during the last season. The corresponding figures for areas II and III during the 3 preceding seasons were:

1952—53:	Blue-whales	56.7	per cent,	fin-whales	75.9	per cent
1951—52:	—,,—	44.8	” ”	—,,—	64.5	” ”
1950—51:	—,,—	43.1	” ”	—,,—	56.0	” ”

The figures indicate a gradual movement of the whaling operations to areas II and III as from the season 1950—51.

Table n.—Antarctic, pelagic whaling results for the various countries 1937/38—1953/54.

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	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	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
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	1,050,100	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	239	15,873	1,062,260	124	7,718	579,666	58	5,177	417,755	43	2,541	161,911	15	2,741	170,596	18
1951-52.....	32,575	2,334,805	268	14,763	1,088,085	132	8,455	632,224	61	5,961	446,262	45	2,494	185,962	16	3,831	259,476	32
1952-53.....	28,325	1,998,094	230	10,381	767,960	95	8,633	599,670	62	6,173	449,215	46	2,460	150,455	16	2,645	207,335	30
1953-54.....	31,218	2,100,884	206	13,632	963,085	100	8,571	618,409	53	6,345	471,138	40	2,226	147,271	13	4,218	252,677	26

  

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, 1945-46.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946-47.....	-	-	-	-	-	-	-	-	-	770	77,310	8	386	35,000	8
1947-48.....	-	-	-	-	-	-	-	-	-	1,294	85,130	8	824	58,400	8
1948-49.....	-	-	-	-	-	-	-	-	-	1,366	109,849	10	1,107	73,335	12
1949-50.....	-	-	-	-	-	-	-	-	-	1,295	82,792	11	1,574	103,393	14
1950-51.....	-	-	-	1,497	126,522	12	-	-	-	1,660	103,560	12	1,691	109,894	15
1951-52.....	-	-	-	1,408	97,073	16	-	-	-	1,650	110,300	12	2,468	147,647	15
1952-53.....	-	-	-	2,365	164,150	16	-	-	-	1,575	103,710	12	2,726	155,269	15
1953-54.....	-	-	-	-	-	-	-	-	-	1,711	97,596	12	3,086	169,117	15

<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 1,653 whales. <sup>3)</sup> Incl. 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.	
								Barrels.				
1919-20	987	1,673	79	71	8	1) <sup>1)</sup> 14	2,832	147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) <sup>1)</sup> 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) <sup>1)</sup> 1	4,186	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) <sup>1)</sup> 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	—	12	197
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) <sup>1)</sup> 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	2) <sup>2)</sup> 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	144,375	3	—	21	127
1952-53	4	1,670	9	498	147	—	2,328	120,003	3	—	21	111
1953-54	13	2,673	11	778	179	—	3,654	184,836	3	—	21	174

1) Right-whale.

The humpback catch in 1953-54 was divided over the individual areas as follows:

Area II	.....	2.2	per cent
" III	.....	29.0	" "
" IV	.....	43.5	" "
" V	.....	25.3	" "

Table m, page 24, contains a summary of the aggregate catch of blue-, fin-, humpback- and sperm-whales in the individual areas throughout the entire period 1931/32—1953/54. During this period 41.0 per cent of the blue-whales and 37.7 per cent of the fin-whales killed have been taken in area III. The largest number of humpbacks has been killed in area IV with 47.1 per cent. Of the sperm-whales 42.4 per cent has been taken in area III.

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
	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
	1952-53.....	148	441	301	539	346	425	70	-	2,270	2,328
1953-54.....	268	508	604	880	762	453	115	-	3,590	3,654	
<i>Blue-whales.</i>	1938-39.....	-	7	131	35	24	32	3	-	232	232
	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
	1952-53.....	-	-	1	-	-	-	3	-	4	4
1953-54.....	1	1	6	4	-	1	-	-	13	13	
<i>Fin-whales.</i>	1938-39.....	51	232	318	292	189	211	14	-	1,307	1,307
	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
	1952-53.....	144	422	293	387	194	150	25	-	1,615	1,670
1953-54.....	266	505	577	677	443	143	6	-	2,617	2,673	
<i>Hump-backs.</i>	1938-39.....	-	-	-	-	-	-	-	-	-	-
	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
	1952-53.....	1	4	1	-	-	3	-	-	9	9
1953-54.....	-	-	2	6	1	2	-	-	11	11	
<i>Sei-whales.</i>	1938-39.....	-	-	-	-	-	13	6	-	19	19
	1945-46.....	-	-	-	1	4	57	20	-	82	82
	1946-47.....	-	-	<sup>1)</sup> 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
	1952-53.....	-	-	-	137	147	185	26	-	495	498
1953-54.....	-	-	1	177	294	213	86	-	771	778	
<i>Sperm-whales.</i>	1938-39.....	-	1	4	5	5	87	15	-	117	117
	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
	1952-53.....	3	15	6	15	5	87	16	-	147	147
1953-54.....	1	2	18	16	24	94	23	-	178	179	

<sup>1)</sup> 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
	1945-46	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
	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
	1952-53	-	-	0.3	-	-	-	4.3	-	0.2	0.2
1953-54	0.4	0.2	1.0	0.5	-	0.2	-	-	0.4	0.4	
<i>Fin-whales</i>	1938-39	100.0	93.7	70.2	88.0	86.7	61.5	36.8	-	78.0	78.0
	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
	1952-53	97.3	95.7	97.4	71.8	56.1	35.3	35.7	-	71.1	71.7
1953-54	99.2	99.4	95.5	76.9	58.1	31.6	5.2	-	72.9	73.1	
<i>Hump-backs</i>	1938-39	-	-	-	-	-	-	-	-	-	-
	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
	1952-53	0.7	0.9	0.3	-	-	0.7	-	-	0.4	0.4
1953-54	-	-	0.3	0.7	0.1	0.4	-	-	0.3	0.3	
<i>Sei-whales</i>	1938-39	-	-	-	-	-	3.8	15.8	-	1.1	1.1
	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
	1952-53	-	-	-	25.4	42.5	43.5	37.1	-	21.8	21.4
1953-54	-	-	0.2	20.1	38.6	47.0	74.8	-	21.5	21.3	
<i>Sperm-whales</i>	1938-39	-	0.4	0.9	1.5	2.3	25.4	39.5	-	7.0	7.0
	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
	1952-53	2.0	3.4	2.0	2.8	1.4	20.5	22.9	-	6.5	6.3
1953-54	0.4	0.4	3.0	1.8	3.2	20.8	20.0	-	4.9	4.9	

Table r.—South Georgia. Catch of immature and mature whales 1938/39 and 1945/46—1953/54.

	1938—39.		1945—46.		1946—47.		1947—48.		1948—49.		1949—50.		1950—51.		1951—52.		1952—53.		1953—54.	
	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	44.9	28	77.8	66	45.2	6	42.9	49	50.5	6	85.7	19	45.2	2	100.0	1	100.0	1	33.3
immature females	65	48.5	30	68.2	53	29.3	13	40.6	51	39.5	3	42.9	16	40.0	3	75.0	2	66.7	8	80.0
animals	109	47.0	58	72.5	119	36.4	19	41.3	100	44.2	9	64.3	35	42.7	5	83.3	3	75.0	9	69.2
Mature males	54	55.1	8	22.2	80	54.8	8	57.1	48	49.5	1	14.3	23	54.8	—	—	—	—	2	66.7
mature females	69	51.5	14	31.8	128	70.7	19	59.4	78	60.5	4	57.1	24	60.0	1	25.0	1	33.3	2	20.0
animals	123	53.0	22	27.5	208	63.6	27	58.7	126	55.8	5	35.7	47	57.3	1	16.7	1	25.0	4	30.8
<b>Fin-whales.</b>																				
Immature males	188	30.7	167	20.6	139	19.9	300	27.3	314	31.4	353	37.3	259	30.4	319	34.6	307	38.9	660	52.5
immature females	231	33.2	152	23.6	140	14.4	335	32.1	277	30.0	349	33.9	357	31.6	383	36.3	323	39.1	747	54.9
animals	419	32.1	319	21.9	279	16.7	635	29.7	591	30.8	702	35.5	616	31.1	702	35.5	630	39.0	1,407	53.8
Mature males	424	69.3	644	79.4	559	80.1	799	72.7	686	68.6	594	62.7	593	69.6	604	65.4	482	61.1	597	47.5
mature females	464	66.8	493	76.4	832	85.6	708	67.9	645	70.0	681	66.1	773	68.4	671	63.7	503	60.9	613	45.1
animals	888	67.9	1,137	78.1	1,391	83.3	1,507	70.3	1,331	69.2	1,275	64.5	1,366	68.9	1,275	64.5	985	61.0	1,210	46.2

Table s.—Antarctic whaling results for the various countries 1937/38—1953/54. 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>		Barrels. <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>3)</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>3)</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
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	2,479,180	15,650	1,136,643	9,432	686,216	6,938	500,254	2,494	185,962	3,831	259,476
1952-53 . . . . .	30,653	2,118,097	11,240	813,979	9,424	641,467	6,964	491,012	2,460	150,455	2,645	207,335
1953-54 . . . . .	34,872	2,285,720	14,928	1,027,807	9,846	685,045	7,620	537,774	2,226	147,271	4,218	252,677
<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
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	45.8	26.8	27.7	19.7	20.2	7.1	7.5	10.9	10.5
1952-53 . . . . .	100.0	100.0	36.7	38.4	30.8	30.3	22.8	23.2	8.0	7.1	8.6	9.8
1953-54 . . . . .	100.0	100.0	42.8	45.0	28.2	30.0	21.8	23.5	6.4	6.5	12.1	11.0

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	-	-	-	-	-	-	-	-	-	-
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
1952-53....	678	32,187	-	-	2,365	164,150	-	-	1,575	103,710	2,726	155,269
1953-54....	1,083	53,478	-	-	-	-	-	-	1,711	97,596	3,086	169,117
<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	-	-	-	-	-	-	-	-	-	-
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
1952-53....	2.2	1.5	-	-	7.7	7.8	-	-	5.1	4.9	8.9	7.3
1953-54....	3.1	2.3	-	-	-	-	-	-	4.9	4.3	8.9	7.4

<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 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	1939-40.....	106.1	117.2
1925-26.....	84.0	84.8	1940-41.....	109.1	105.8
1926-27.....	96.4	91.1	1941-42.....	110.1	—
1927-28.....	106.4	92.8	1942-43.....	95.2	—
1928-29.....	108.2	98.3	1943-44.....	120.2	142.9
1929-30.....	110.7	109.6	1944-45.....	111.5	118.0
1930-31.....	100.1	105.6	1945-46.....	83.1	98.6
1931-32.....	92.9	102.6	1946-47.....	112.5	113.1
1932-33.....	86.5	114.6	1947-48.....	128.3	111.2
1933-34.....	91.8	111.9	1948-49.....	126.5	115.9
1934-35.....	105.1	102.2	1949-50.....	115.0	118.6
1935-36.....	95.5	101.6	1950-51.....	121.5	117.3
1936-37.....	104.5	111.7	1951-52.....	127.6	129.4
1937-38.....	95.7	111.1	1952-53.....	126.3	128.0
1938-39.....	117.6	107.1	1953-54.....	121.1	128.6

<sup>1)</sup> Other whales are reduced to blue-whale units 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.)

During the period 1931/32–1953/54 a total number of 489,990 whales have been killed, of which

39.1	per cent	in area	III
28.2	”	”	II
23.8	”	”	IV
8.9	”	”	V

In the survey below the percentage proportion of the catch, specified by species for each area, in respect to the above mentioned period is compared with the corresponding figures for the season 1953–54.

Species of whales	Area II		Area III		Area IV		Area V	
	31/32— 53/54	53/54	31/32— 53/54	53/54	31/32— 53/54	53/54	31/32— 53/54	53/54
Blue-whales .....	26.5	6.0	37.6	10.9	46.7	11.2	29.1	4.9
Fin-whales .....	67.8	86.4	51.5	79.6	38.1	69.2	56.7	80.0
Humpbacks .....	1.3	0.2	3.7	1.2	8.3	8.1	4.6	3.7
Sperm-whales .....	4.4	7.4	7.2	8.3	6.9	11.5	9.6	11.4
Total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table n, page 25, gives a survey of the pelagic whaling results of the individual participating countries as from 1937–38 regarding the number of whales killed, oil production and number of catchers employed in each season.

### South Georgia.

The whaling results of the shore stations operating from South Georgia are given in table *o*, page 26, from and including the season 1919–20. Also in 1953–54 — as during the previous 6 seasons — 3 shore stations carried on whaling with 21 catchers. 3,654 whales were killed, from which were produced 176,159 barrels of whale-oil and 8,677 barrels of sperm-oil or a total of 184,836 barrels of oil. This is the largest production recorded since 1930–31. During the season 1952–53 the oil production amounted to 120,003 barrels.

Tables *p* and *q*, pages 27 and 28, give the catch off South Georgia by months in absolute and percentage figures from and including 1938–39, and table *r*, page 29, shows the proportion of mature and immature animals killed.

In table *s*, page 20, the total whaling results in the Antarctic from 1937–38 up to and including 1953–54 have been distributed in respect to the individual participating countries. The percentage proportion of the oil production of the individual countries during the 4 last seasons was as follows:

	Season 1950–51	Season 1951–52	Season 1952–53	Season 1953–54
Norway . . . . .	48.5 per cent	45.8 per cent	38.4 per cent	45.0 per cent
British Commonwealth	27.6 „ „	27.7 „ „	30.3 „ „	30.0 „ „
Japan . . . . .	7.4 „ „	10.5 „ „	9.8 „ „	11.0 „ „
Panama . . . . .	5.5 „ „	3.9 „ „	7.8 „ „	—
U.S.S.R. . . . .	4.8 „ „	6.0 „ „	7.3 „ „	7.4 „ „
Netherlands ..	4.5 „ „	4.4 „ „	4.9 „ „	4.3 „ „
Argentina . . . .	1.7 „ „	1.7 „ „	1.5 „ „	2.3 „ „

**Table u.—Average weekly production of whale-oil per blue-whale unit in the pelagic whaling 1952–53 and 1953–54.**

Season 1952–53.				Season 1953–54.			
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.
3/1 1953	40,754	488.8	83.4	2/1 1954	11,704	290.5	40.3
10/1 „	210,765	1,920.5	109.7	9/1 „	194,750	1,717.5	113.4
17/1 „	196,510	1,655.0	118.7	16/1 „	166,434	1,461.7	113.9
24/1 „	191,160	1,424.0	134.2	23/1 „	169,009	1,412.1	119.7
31/1 „	196,845	1,642.7	119.8	30/1 „	149,287	1,271.6	117.4
7/2 „	170,150	1,369.6	124.2	6/2 „	178,027	1,514.6	117.5
14/2 „	207,894	1,533.0	135.6	13/2 „	164,579	1,186.0	138.8
21/2 „	164,230	1,322.8	124.2	20/2 „	220,784	1,537.6	143.6
28/2 „	167,432	1,102.5	151.9	27/2 „	172,439	1,360.1	126.8
7/3 „	135,962	1,007.7	134.9	6/3 „	186,744	1,357.3	137.6
14/3 „	146,175	943.2	155.0	13/3 „	233,843	1,433.7	163.1
16/3 „	54,554	314.8	173.3	18/3 „	114,824	741.7	154.8
Total	1,882,431	14,724.6	127.8	Total	1,962,424	15,284.4	128.4

**Table v.—Production of by-products in the Antarctic whaling in the seasons 1945/46—1953/54.**

Seasons Countries	Whale meat-meal, bone-meal, grax meal, guano, dehydrated whale meat	Blue-, sei-, and sperm- whale liver or liver flakes, salted or frozen	Liver- oil, vitamin oil	Liver meal	Meat extract, liver extract	Whale meat, blubber, ventral grooves. Frozen, salted, or canned	Whale solubles	Other by- products <sup>2)</sup>
<i>1945-46</i> . . . . . Total	13,191	575	6	38	—	—	—	16
<i>1946-47</i> . . . . . Total	19,302	671	79	380	104	21,914	—	33
<i>1947-48</i> . . . . . Total	24,460	918	112	495	138	30,062	—	1,231
<i>1948-49</i> . . . . . 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
<i>1952-53.</i>								
Norway . . . . .	2,961	128	41	54	—	64	—	—
United Kingdom . .	15,051	—	57	402	134	4,668	5,390	25
Union of S. Africa .	3,009	193	—	—	—	—	—	—
Netherlands . . . . .	—	—	16	—	—	—	—	—
U.S.S.R. . . . .	1,417	280	—	—	—	—	—	—
Japan . . . . .	—	—	41	—	—	23,849	—	24
Argentina . . . . .	3,146	—	—	—	—	—	—	8
Panama . . . . .	—	—	—	—	—	—	—	—
Total	25,584	601	155	456	134	28,581	5,390	57
<i>1953-54.</i>								
Norway . . . . .	5,489	74	88	—	—	65	711	16
United Kingdom . .	20,177	—	51	385	286	5,598	9,174	17
Union of S. Africa .	3,203	111	—	—	—	—	—	—
Netherlands . . . . .	—	—	—	—	—	—	—	—
U.S.S.R. . . . .	1,629	—	—	—	—	—	—	409
Japan . . . . .	—	—	60	—	—	29,129	—	1,337
Argentina . . . . .	5,162	—	—	—	—	—	—	7
Total	35,660	185	199	385	286	34,792	9,885	1,786

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

Table *t*, page 32, 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 121.1 barrels in 1953–54, against 126.3 barrels in 1952–53. For the pelagic expeditions the average output was 128.6 barrels against 128.0 barrels in 1952–53 and 129.4 barrels in 1951–52. It appears from the table that the average output per blue-whale unit in the pelagic whaling has increased considerably during the last 3 seasons as compared with the other post-war seasons. This increase is due to the postponed opening of the baleen whaling season, more effective whaling equipment and partly also to the raising of the minimum length limit of fin-whales in 1951–52 from 55 to 60 ft.

Table *u*, page 33, is recording the average *weekly* production per blue-whale unit for the pelagic expeditions during the last two seasons.

It will appear from the table that the average weekly yield per blue-whale unit was lower in January and the first week of February during the last season than in the season 1952–53. However, throughout the remainder of the season 1953–54 the weekly production was higher than the corresponding figures recorded in 1952–53. During the last season the average yield recorded for the calendar week 3/1—9/1 amounted to 113.4 barrels per blue-whale unit, while the average production recorded for the calendar week 7/3—13/3 amounted to 163.1 barrels, i. e. an increase of 50 barrels per blue-whale unit.

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 1945/46–1953/54, from and including 1948–49 distributed in respect to the individual countries.

During the season 1953–54 12,591 men were employed in the Antarctic whaling industry. Of these 7,240 were Norwegians, 2,789 Japanese, 964 British, 750 Russians, 416 South Africans, and 432 of other nationalities.



Table No. 1.—Whaling in the Antarctic in the season 1953/54.

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
							Barrels <sup>1)</sup>			
South Georgia . . . . .	13	2,673	11	778	179	3,654	184,836	3	—	21
Antarctic, pelagic whaling . . . . .	2,684	24,986	594	251	2,700	31,215	2,100,884	—	17	206
Total	2,697	27,659	605	1,029	2,879	34,869	2,285,720	3	17	227

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton, 1 long ton = 1,016 kg.)

Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1953/54.

Countries. Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
							Barrels <sup>1)</sup>			
Norway:—										
South Georgia . . .	3	949	4	263	77	1,296	64,722	1	—	7
Antarctic, pelagic	1,120	11,755	15	102	640	13,632	963,085	—	9	100
British Commonwealth:—										
South Georgia . . .	1	958	7	245	64	1,275	66,636	1	—	7
Antarctic, pelagic	1,016	6,360	20	70	1,105	8,571	618,409	—	4	53
Of which:—										
United Kingdom:—										
South Georgia . .	1	958	7	245	64	1,275	66,636	1	—	7
Antarctic, pel. .	668	4,643	16	70	948	6,345	471,138	—	3	40
Union of S. Africa:—										
Antarctic, pel. .	348	1,717	4	—	157	2,226	147,271	—	1	13
Japan:—										
Antarctic, pelagic	200	3,272	150	1	595	4,218	252,677	—	2	26
U.S.S.R.:—										
Antarctic, pelagic	136	2,525	150	78	194	<sup>2)</sup> 3,083	169,117	—	1	15
The Netherlands:—										
Antarctic, pelagic	212	1,074	259	—	166	1,711	97,596	—	1	12
Argentina:—										
South Georgia . . .	9	766	—	270	38	1,083	53,478	1	—	7
Total	2,697	27,659	605	1,029	2,879	34,869	2,285,720	3	17	227

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton, 1 long ton = 1,016 kg.) <sup>2)</sup> In addition 3 Minke-whales.

**Table No. 3.—Average size of whales caught in the Antarctic in the season 1953/54.**

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b>Blue-whales.</b>				
<i>South Georgia</i> .....	No. 1	79.00	—	79.00
Males 3 } Total 13.	" 2	75.00	73.43	73.78
Females 10 }	" 3	—	70.00	70.00
Average		76.33	72.40	73.31
<i>Antarctic, pelagic whaling</i> .....	No. 1	77.04	82.63	80.30
Males 1,220 } Total 2,667.	" 2	77.72	82.17	80.21
Females 1,447 }	" 3	76.70	80.98	78.95
	" 4	76.48	80.40	78.67
	" 5	74.11	81.82	78.35
	" 6	76.44	80.28	78.34
	" 7	76.50	80.09	78.06
	" 8	75.28	79.98	77.85
	" 9	75.70	79.38	77.82
	" 10	75.82	79.57	77.68
	" 11	75.30	79.23	77.52
	" 12	75.62	78.19	77.16
	" 13	74.93	78.45	77.02
	" 14	75.49	77.86	76.70
	" 15	74.22	76.76	75.64
	" 16	73.95	75.40	74.77
	" 17	72.43	76.24	74.52
Average		75.99	79.64	77.97
<b>Fin-whales.</b>				
<i>South Georgia</i> .....	No. 1	62.87	65.81	64.47
Males 1,257 } Total 2,617.	" 2	63.27	65.30	64.27
Females 1,360 }	" 3	62.75	64.06	63.43
Average		62.95	65.05	64.04
<i>Antarctic, pelagic whaling</i> .....	No. 1	66.91	70.53	68.81
Males 12,699 } Total 24,675.	" 2	66.37	70.56	68.52
Females 11,976 }	" 3	65.52	69.49	67.58
	" 4	65.12	69.15	67.52
	" 5	65.64	72.33	67.45
	" 6	66.35	68.65	67.37
	" 7	66.04	68.96	67.32
	" 8	65.87	68.73	67.22
	" 9	65.20	68.84	67.16
	" 10	66.35	67.96	67.06
	" 11	65.60	68.64	66.97
	" 12	65.33	68.24	66.75
	" 13	65.05	68.26	66.65
	" 14	65.05	68.09	66.62
	" 15	65.31	68.31	66.62
	" 16	65.06	68.18	66.43
	" 17	64.23	67.24	65.87
Average		65.59	68.69	67.09

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> .....	No. 1	38.50	40.80	40.14
	Males 4 } Females 7 } Total 11.	36.00	40.00	38.00
Average		37.25	40.57	39.36
<i>Antarctic, pelagic whaling</i> .....	No. 1	43.25	42.64	42.80
	Males 305 } Females 288 } Total 593.	47.00	38.33	41.80
	" 3	42.00	41.29	41.38
	" 4	40.00	42.50	41.25
	" 5	40.36	42.06	41.18
	" 6	39.96	42.46	41.05
	" 7	39.67	45.00	41.00
	" 8	38.00	44.50	40.60
	" 9	35.00	42.33	40.50
	" 10	30.00	44.00	40.50
	" 11	38.83	39.72	39.26
	" 12	—	39.00	39.00
Average		39.58	41.14	40.34
<b><u>Sei-whales.</u></b>				
<i>South Georgia</i> .....	No. 1	48.55	50.70	49.66
	Males 352 } Females 419 } Total 771.	47.92	49.90	49.10
	" 3	47.60	50.39	49.03
Average		48.01	50.30	49.25
<i>Antarctic, pelagic whaling</i> .....	No. 1	—	54.00	54.00
	Males 103 } Females 146 } Total 249.	—	54.00	54.00
	" 3	49.33	53.71	52.40
	" 4	—	52.00	52.00
	" 5	50.00	52.73	51.76
	" 6	49.28	52.53	51.20
	" 7	49.00	53.33	51.17
	" 8	48.58	52.48	51.00
	" 9	—	51.00	51.00
	" 10	—	51.00	51.00
	" 11	48.33	50.50	49.20
	" 12	43.29	45.83	44.59
Average		46.99	50.75	49.20
<b><u>Sperm-whales.</u></b>				
<i>South Georgia</i> .....	No. 1	47.92	—	47.92
	Males 178	47.00	—	47.00
	" 3	46.38	—	46.38
Average		46.97	—	46.97



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> ..... Males 2,686.	No. 1	53.00	-	53.00
	" 2	51.92	-	51.92
	" 3	50.30	-	50.30
	" 4	50.15	-	50.15
	" 5	49.93	-	49.93
	" 6	49.89	-	49.89
	" 7	49.75	-	49.75
	" 8	49.44	-	49.44
	" 9	49.43	-	49.43
	" 10	49.30	-	49.30
	" 11	49.17	-	49.17
	" 12	48.66	-	48.66
	" 13	48.51	-	48.51
	" 14	47.38	-	47.38
	" 15	46.95	-	46.95
	" 16	46.86	-	46.86
Average		49.20	-	49.20

Table No. 4.—Whales caught in the Antarctic in the season 1953/54, 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.	
60	1	-	1	82	68	43	111
62	2	1	3	83	35	57	92
63	1	1	2	84	30	60	90
64	1	6	7	85	20	103	123
65	12	10	22	86	13	91	104
66	18	10	28	87	4	54	58
67	7	14	21	88	3	71	74
68	7	10	17	89	2	50	52
69	3	2	5	90	1	54	55
70	92	110	202	91	-	28	28
71	87	67	154	92	-	15	15
72	91	89	180	93	-	4	4
73	88	51	139	94	-	6	6
74	93	62	155	95	-	2	2
75	99	81	180	96	-	2	2
76	81	58	139	Sum	1,223	1,457	2,680
77	71	52	123	Average size	Males:	76.00	feet
78	72	55	127			Females:	79.59
79	69	40	109	Per cent	Total animals:	77.95	"
80	90	47	137			Males:	45.63
81	62	51	113	Females:	54.37		

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	2	—	2	70	939	1,007	1,946
50	—	1	1	71	428	923	1,351
51	3	5	8	72	229	997	1,226
52	6	5	11	73	110	935	1,045
53	17	11	28	74	44	815	859
54	35	22	57	75	12	695	707
55	58	43	101	76	5	433	438
56	93	73	166	77	3	245	248
57	125	85	210	78	3	122	125
58	114	81	195	79	—	59	59
59	66	29	95	80	—	34	34
60	984	800	1,784	81	—	11	11
61	817	616	1,433	Sum	13,956	13,336	27,292
62	933	588	1,521	Average size	Males: 65.35 feet		
63	909	581	1,490		Females: 68.32 "		
64	1,171	609	1,780		Total animals: 66.80 "		
65	1,433	692	2,125	Per cent	Males: 51.14		
66	1,464	688	2,152		Females: 48.86		
67	1,536	677	2,213				
68	1,364	714	2,078				
69	1,053	740	1,793				

## Humpbacks.

30	1	2	3	46	6	21	27
32	1	1	2	47	3	9	12
34	3	—	3	48	4	6	10
35	18	14	32	49	—	3	3
36	25	16	41	50	—	4	4
37	35	23	58	51	—	2	2
38	46	24	70	Sum	309	295	604
39	34	24	58	Average size	Males: 39.55 feet		
40	38	32	70		Females: 41.13 "		
41	27	27	54		Total animals: 40.32 "		
42	26	28	54	Per cent	Males: 51.16		
43	22	23	45		Females: 48.84		
44	15	22	37				
45	5	14	19				

Table No. 4 (continued).

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
39	1	—	1	53	3	68	71
40	2	3	5	54	1	49	50
41	11	4	15	55	2	23	25
42	13	5	18	56	—	10	10
43	13	7	20	57	—	4	4
44	13	11	24	58	—	1	1
45	25	14	39				
46	48	27	75	Sum	455	565	1,020
47	47	32	79				
48	75	32	107	Average size	{ Males: 47.78 feet Females: 50.41 " Total animals: 49.24 "		
49	76	50	126	Per cent	{ Males: 44.61 Females: 55.39		
50	80	71	151				
51	35	76	111				
52	10	78	88				

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
38	4	50	400
39	9	51	345
40	21	52	276
41	32	53	180
42	56	54	118
43	63	55	60
44	89	56	26
45	120	57	4
46	185	Sum	2,864
47	250		
48	303	Average size:	
49	323	Males: 49.06 feet.	

## a. South Georgia.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
63	—	1	1	{ Males: 76.33 feet Females: 72.40 " Total animals: 73.31 "	{ Males: 23.08 Females: 76.92
70	—	5	5		
72	1	—	1		
73	—	1	1		
76	—	1	1		
78	1	1	2		
79	1	—	1		
84	—	1	1		
Sum	3	10	13		

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	2	-	2	70	22	62	84
50	-	1	1	71	13	57	70
51	-	2	2	72	5	48	53
52	3	1	4	73	2	39	41
53	3	4	7	74	-	35	35
54	7	2	9	75	-	29	29
55	2	4	6	76	1	15	16
56	9	6	15	77	-	10	10
57	5	6	11	78	-	5	5
58	5	9	14	79	-	4	4
59	-	-	-	80	-	2	2
60	296	247	543	81	-	1	1
61	175	154	329	Sum	1,257	1,360	2,617
62	153	125	278	Average size { Males: 62.95 feet			
63	108	101	209	{ Females: 65.05 "			
64	108	85	193	{ Total animals: 64.04 "			
65	104	72	176	Per cent { Males: 48.03			
66	91	73	164	{ Females: 51.97			
67	54	51	105				
68	56	56	112				
69	33	54	87				

## Humpbacks.

Engl. feet.	Number of		Total animals.	Average size { Males: 37.25 feet
	males.	females.		
35	1	-	1	Total animals: 39.36 "
36	-	2	2	Per cent { Males: 36.36
37	1	-	1	{ Females: 63.64
38	1	-	1	
39	1	1	2	
40	-	1	1	
44	-	2	2	
45	-	1	1	
Sum	4	7	11	

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	1	3	4	53	2	48	50
41	1	3	4	54	1	29	30
42	7	2	9	55	-	12	12
43	8	3	11	56	-	4	4
44	11	7	18	57	-	2	2
45	18	10	28	Sum	352	419	771
46	38	19	57	Average size { Males: 48.01 feet			
47	41	21	62	{ Females: 50.30 "			
48	61	27	88	{ Total animals: 49.25 "			
49	62	42	104	Per cent { Males: 45.65			
50	69	63	132	{ Females: 54.35			
51	27	61	88				
52	5	63	68				

Table No. 4 (continued).

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
39	5	50	14
40	6	51	15
41	10	52	14
42	8	53	5
43	8	54	2
44	12	55	2
45	12	Sum	178
46	14		
47	15		
48	21	Average size:	
49	15	Males: 46.97 feet.	

## b. Antarctic, pelagic whaling.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
60	1	—	1	83	35	57	92
62	2	1	3	84	30	59	89
63	1	—	1	85	20	103	123
64	1	6	7	86	13	91	104
65	12	10	22	87	4	54	58
66	18	10	28	88	3	71	74
67	7	14	21	89	2	50	52
68	7	10	17	90	1	54	55
69	3	2	5	91	—	28	28
70	92	105	197	92	—	15	15
71	87	67	154	93	—	4	4
72	90	89	179	94	—	6	6
73	88	50	138	95	—	2	2
74	93	62	155	96	—	2	2
75	99	81	180	Sum	1,220	1,447	2,667
76	81	57	138				
77	71	52	123	Average size	{ Males: 75.99 feet Females: 79.64 " Total animals: 77.97 "		
78	71	54	125	Per cent	{ Males: 45.74 Females: 54.26		
79	68	40	108				
80	90	47	137				
81	62	51	113				
82	68	43	111				

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
51	3	3	6	71	415	866	1,281	
52	3	4	7	72	224	949	1,173	
53	14	7	21	73	108	896	1,004	
54	28	20	48	74	44	780	824	
55	56	39	95	75	12	666	678	
56	84	67	151	76	4	418	422	
57	120	79	199	77	3	235	238	
58	109	72	181	78	3	117	120	
59	66	29	95	79	-	55	55	
60	688	553	1,241	80	-	32	32	
61	642	462	1,104	81	-	10	10	
62	780	463	1,243	Sum	12,699	11,976	24,675	
63	801	480	1,281	Average size { Males: 65.59 feet Females: 68.69 " Total animals: 67.09 " Per cent { Males: 51.47 Females: 48.53				
64	1,063	524	1,587					
65	1,329	620	1,949					
66	1,373	615	1,988					
67	1,482	626	2,108					
68	1,308	658	1,966					
69	1,020	686	1,706					
70	917	945	1,862					

## Humpbacks.

30	1	2	3	46	6	21	27	
32	1	1	2	47	3	9	12	
34	3	-	3	48	4	6	10	
35	17	14	31	49	-	3	3	
36	25	14	39	50	-	4	4	
37	34	23	57	51	-	2	2	
38	45	24	69	Sum	305	288	593	
39	33	23	56	Average size { Males: 39.58 feet. Females: 41.14 " Total animals: 40.34 " Per cent { Males: 51.43 Females: 48.57				
40	38	31	69					
41	27	27	54					
42	26	28	54					
43	22	23	45					
44	15	20	35					
45	5	13	18					

Table No. 4 (continued).

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
39	1	-	1	54	-	20	20
40	1	-	1	55	2	11	13
41	10	1	11	56	-	6	6
42	6	3	9	57	-	2	2
43	5	4	9	58	-	1	1
44	2	4	6	Sum	103	146	249
45	7	4	11	Average size { Males: 46.99 feet.			
46	10	8	18	{ Females: 50.75    "			
47	6	11	17	{ Total animals: 49.20    "			
48	14	5	19	Per cent { Males: 41.37			
49	14	8	22	{ Females: 58.63			
50	11	8	19				
51	8	15	23				
52	5	15	20				
53	1	20	21				

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
38	4	51	330
39	4	52	262
40	15	53	175
41	22	54	116
42	48	55	58
43	55	56	26
44	77	57	4
45	108	Sum	2,686
46	171	Average size:	
47	235	Males: 49.20 feet.	
48	282		
49	308		
50	386		

**Table No. 5.—Whales caught in the Antarctic in the season 1953/54,  
by species, sex and groups of size.**

**Total Antarctic.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	308	11.49
„ 2. (71 feet to and incl. 85 feet) .....	1,972	73.58
„ 3. (above 85 feet).....	400	14.93
	2,680	100.00
Immature males .....	410	33.52
„ females .....	572	39.26
„ animals .....	982	36.64
Mature males .....	813	66.48
„ females .....	885	60.74
„ animals .....	1,698	63.36

**Fin-whales.**

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	208	0.76
„ 2. (56 feet to and incl. 65 feet).....	10,799	39.57
„ 3. (above 65 feet).....	16,285	59.67
	27,292	100.00
Immature males.....	3,253	23.31
„ females.....	3,549	26.61
„ animals.....	6,802	24.92
Mature males .....	10,703	76.69
„ females.....	9,787	73.39
„ animals .....	20,490	75.08

**a. South Georgia.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	6	46.15
„ 2. (71 feet to and incl. 85 feet).....	7	53.85
„ 3. (above 85 feet).....	—	—
	13	100.00
Immature males.....	1	33.33
„ females .....	8	80.00
„ animals.....	9	69.23
Mature males .....	2	66.67
„ females .....	2	20.00
„ animals .....	4	30.77



Table No. 5 (continued).

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	31	1.18
„ 2. (56 feet to and incl. 65 feet) .....	1,768	67.56
„ 3. (above 65 feet) .....	818	31.26
	2,617	100.00
Immature males .....	660	52.51
„ females .....	747	54.93
„ animals .....	1,407	53.76
Mature males .....	597	47.49
„ females .....	613	45.07
„ animals .....	1,210	46.24

## b. Antarctic, pelagic whaling.

## Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less) .....	302	11.32
„ 2. (71 feet to and incl. 85 feet) .....	1,965	73.68
„ 3. (above 85 feet) .....	400	15.00
	2,667	100.00
Immature males .....	409	33.52
„ females .....	564	38.98
„ animals .....	973	36.48
Mature males .....	811	66.48
„ females .....	883	61.02
„ animals .....	1,694	63.52

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	177	0.72
„ 2. (56 feet to and incl. 65 feet) .....	9,031	36.60
„ 3. (above 65 feet) .....	15,467	62.68
	24,675	100.00
Immature males .....	2,593	20.42
„ females .....	2,802	23.40
„ animals .....	5,395	21.86
Mature males .....	10,106	79.58
„ females .....	9,174	76.60
„ animals .....	19,280	78.14

**Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1953/54.**

Other whales are reduced to blue-whale equivalents on the following basis:—  
1 blue-whale = 2 fin-whales = 2½ 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	507.5	63,719	125.6
	” 2	433.3	51,579	119.0
	” 3	513.6	60,861	118.5
	Average	—	—	121.1
<i>Antarctic, pelagic whaling</i> .....	No. 1	991.3	156,252	157.6
	” 2	723.0	110,790	153.2
	” 3	767.3	116,591	151.9
	” 4	704.3	103,877	147.5
	” 5	583.0	81,448	139.7
	” 6	913.5	122,411	134.0
	” 7	724.8	96,944	133.8
	” 8	1,122.2	147,201	131.2
	” 9	411.3	53,476	130.0
	” 10	1,201.7	150,714	125.4
	” 11	924.7	115,275	124.7
	” 12	822.1	100,272	122.0
	” 13	1,084.0	132,059	121.8
	” 14	1,197.6	138,951	116.0
	” 15	811.2	88,765	109.4
	” 16	1,464.0	159,329	108.8
	Average	—	—	128.6

<sup>1)</sup> This refers to whales worked up. <sup>2)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{16}$  long ton. 1 long ton = 1,016 kg.)

**Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1953/54.**

**Blue-whale females.**

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of foetuses measured .....
Engl. feet.		Engl. feet.		
67	1	84	36	519
68	1	85	63	of which twin pairs..... 7
72	5	86	59	» » triplets..... 1
73	1	87	39	Total number of blue-whale females measured 1,457, of which pregnant animals 510, or 35.00 per cent.
74	8	88	41	Total number of mature blue-whale females (above 76 feet) measured 885, of which pregnant animals 484, or 54.69 per cent.
75	10	89	33	
76	7	90	34	
77	16	91	20	
78	15	92	9	
79	11	93	4	
80	15	94	3	
81	31	95	1	
82	20	96	1	
83	26			
		Total	510	

Table No. 7 (continued).

## Fin-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of foetuses measured ..... 5,037
60	2	72	570	of which twin pairs ..... 54
61	7	73	565	Total number of fin-whale females measured 13,336, of which pregnant animals 4,983, or 37.37 per cent.
62	10	74	479	Total number of mature fin-whale females (above 64 feet) measured 9,787, of which pregnant animals 4,873, or 49.79 per cent.
63	34	75	439	
64	57	76	287	
65	116	77	157	
66	179	78	79	
67	226	79	36	
68	283	80	24	
69	366	81	9	
70	537			
71	521			
		Total	4,983	

## Humpback females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of foetuses measured ..... 110
37	2	46	16	of which twin pairs ..... 1
38	4	47	5	Total number of humpback females measured 295, of which pregnant animals 109, or 36.95 per cent.
39	3	48	4	Total number of mature humpback females (above 40 feet) measured 167, of which pregnant animals 92, or 55.09 per cent.
40	8	49	2	
41	10	50	3	
42	17	51	2	
43	15			
44	9	Total	109	
45	9			

## Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of foetuses measured ..... 220
45	2	53	35	of which twin pairs ..... 4
46	5	54	25	
47	5	55	12	
48	5	56	7	
49	11	57	4	
50	25			
51	45	Total	216	
52	35			

**Table No. 8.—Whale foetuses measured in the Antarctic in the season 1953/54, by species and groups of size, in each month.**

**Blue-whale foetuses.**

Groups of size. Engl. feet.	Jan.	Febr.	March	Total
Less than 1' .....	—	—	—	—
1'—1' 11" .....	—	1	—	1
2'—2' 11" .....	—	2	1	3
3'—3' 11" .....	5	1	—	6
4'—4' 11" .....	3	3	—	6
5'—5' 11" .....	2	7	1	10
6'—6' 11" .....	10	8	2	20
7'—7' 11" .....	9	14	5	28
8'—8' 11" .....	11	16	3	30
9'—9' 11" .....	16	10	8	34
10'—10' 11" .....	10	31	5	46
11'—11' 11" .....	6	23	10	39
12'—12' 11" .....	10	41	13	64
13'—13' 11" .....	3	22	6	31
14'—14' 11" .....	7	23	16	46
15'—15' 11" .....	1	23	10	34
16'—16' 11" .....	1	22	14	37
17'—17' 11" .....	1	11	9	21
18'—18' 11" .....	2	14	10	26
19'—19' 11" .....	—	7	6	13
20'—20' 11" .....	—	2	5	7
21'—21' 11" .....	—	4	2	6
22'—22' 11" .....	—	1	2	3
23'—23' 11" .....	—	—	3	3
24'—24' 11" .....	—	—	3	3
25'—25' 11" .....	—	—	—	—
26'—26' 11" .....	—	1	1	2
Total blue-whale foetuses .....	97	287	135	519
Average size of foetuses .....	9' 5"	12' 4"	14' 5"	12' 4"

**Fin-whale foetuses.**

Groups of size. Engl. feet.	Oct.	Nov.	Dec.	Jan.	Febr.	March	April	Total
Less than 1' .....	2	2	1	7	—	1	—	13
1'—1' 11" .....	4	3	—	50	14	4	—	75
2'—2' 11" .....	9	7	2	114	39	9	—	180
3'—3' 11" .....	8	9	7	169	80	20	—	293
4'—4' 11" .....	1	7	5	218	106	41	—	378
5'—5' 11" .....	—	6	3	323	156	56	—	544
6'—6' 11" .....	—	2	6	289	184	50	—	531
7'—7' 11" .....	—	—	8	251	163	61	—	483
8'—8' 11" .....	3	—	4	218	183	90	—	498
9'—9' 11" .....	—	—	1	161	164	83	—	409
10'—10' 11" .....	—	—	—	119	165	113	—	397
11'—11' 11" .....	—	—	—	59	120	62	—	241
12'—12' 11" .....	—	—	—	55	145	154	—	354
13'—13' 11" .....	—	—	—	17	101	65	1	184
14'—14' 11" .....	—	—	—	18	71	94	—	183
15'—15' 11" .....	—	—	—	9	40	71	—	120
16'—16' 11" .....	—	—	—	—	20	59	—	79
17'—17' 11" .....	—	—	—	—	5	31	—	36
18'—18' 11" .....	—	—	—	—	3	22	—	25
19'—19' 11" .....	—	—	—	—	—	10	—	10
20'—20' 11" .....	—	—	—	—	—	4	—	4
Total fin-whale foetuses .....	27	36	37	2,077	1,759	1,100	1	5,037
Average size of foetuses .....	2' 10"	3' 3"	5' 3"	6' 5"	8' 6"	10' 9"	13' 0"	8' 1"

Table No. 8 (continued).

## Humpback foetuses.

Groups of size.	Febr.	March	Total.
Engl. feet.			
Less than 1'.....	1	—	1
1'— 1' 11" .....	14	—	14
2'— 2' 11" .....	21	—	21
3'— 3' 11" .....	45	—	45
4'— 4' 11" .....	24	1	25
5'— 5' 11" .....	3	1	4
Total humpback foetuses .....	108	2	110
Average size of foetuses .....	3' 2"	4' 6"	3' 9"

## Sei-whale foetuses.

Groups of size.	Jan.	Febr.	March.	April.	Total.
Engl. feet.					
Less than 1'.....	—	—	—	—	—
1'— 1' 11" .....	1	—	—	—	1
2'— 2' 11" .....	2	—	—	—	2
3'— 3' 11" .....	1	6	1	—	8
4'— 4' 11" .....	1	7	—	—	8
5'— 5' 11" .....	8	8	1	—	17
6'— 6' 11" .....	3	10	3	—	16
7'— 7' 11" .....	14	11	5	—	30
8'— 8' 11" .....	13	24	3	1	41
9'— 9' 11" .....	7	17	6	4	34
10'—10' 11" .....	3	11	7	3	24
11'—11' 11" .....	1	5	5	1	12
12'—12' 11" .....	—	5	5	2	12
13'—13' 11" .....	—	2	1	3	6
14'—14' 11" .....	—	2	2	1	5
15'—15' 11" .....	—	—	3	1	4
Total sei-whale foetuses .....	54	108	42	16	220
Average size of foetuses.....	7' 0"	7' 10"	9' 9"	11' 1"	8' 3"

Table No. 9.—Whale foetuses measured in the Antarctic in the season 1953/54, 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 .....	51	46	—	97	110.87
February .....	140	147	—	287	95.24
March .....	73	62	—	135	117.74
Total	264	255	—	519	103.53

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.....	11	15	1	27	73.33
November.....	21	15	-	36	140.00
December.....	21	16	-	37	131.25
January.....	1,065	1,008	4	2,077	105.65
February.....	877	881	1	1,759	99.55
March.....	542	558	-	1,100	97.13
April.....	-	1	-	1	-
Total	2,537	2,494	6	5,037	101.72
<b>Humpback foetuses.</b>					
February.....	58	49	1	108	118.37
March.....	1	1	-	2	100.00
Total	59	50	1	110	118.00
<b>Sei-whale foetuses.</b>					
January.....	28	26	-	54	107.69
February.....	49	58	1	108	84.48
March.....	28	14	-	42	200.00
April.....	6	10	-	16	60.00
Total	111	108	1	220	104.67

Table No. 10.—Whale fetuses measured in the Antarctic in the season 1953/54.

## 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.	
16/1 54	72	3'0"	M	23/1 54	88	10'0"	F	2/2 54	93	10'0"	F
" "	79	6'0"	F	" "	88	13'0"	M	3/2 "	76	10'0"	M
" "	82	14'0"	F	" "	89	9'0"	F	" "	81	18'0"	M
" "	82	6'0"	M	" "	89	15'0"	M	" "	82	8'10"	M
" "	82	10'0"	F	" "	90	18'0"	M	" "	83	8'2"	M
" "	83	4'0"	F	" "	90	8'0"	M	" "	85	12'0"	F
" "	83	18'0"	F	21/1 "	75	6'10"	M	" "	86	6'0"	M
" "	86	9'0"	F	" "	78	6'5"	M	" "	86	13'0"	F
" "	88	9'0"	M	" "	80	10'0"	F	" "	86	11'0"	F
17/1 "	72	4'7"	F	" "	81	5'0"	F	" "	87	18'0"	F
" "	75	6'5"	M	" "	81	7'7"	F	" "	89	7'11"	M
" "	78	9'0"	F	" "	84	14'0"	F	" "	90	12'0"	M
" "	80	9'0"	M	" "	86	8'0"	F	4/2 "	76	11'0"	M
" "	82	9'0"	M	" "	89	11'0"	M	" "	79	14'0"	F
" "	85	12'0"	M	" "	90	8'0"	M	" "	81	10'0"	F
" "	86	14'0"	M	25/1 "	78	9'6"	F	" "	82	14'0"	F
" "	86	9'0"	F	" "	81	7'4"	F	" "	84	17'0"	M
" "	87	9'0"	M	26/1 "	79	8'0"	F	" "	85	7'0"	M
18/1 "	68	3'9"	F	" "	84	6'6"	F	" "	86	12'0"	F
" "	82	9'6"	M	" "	86	10'2"	M	" "	86	9'0"	M
" "	83	12'6"	M	" "	87	13'0"	F	" "	87	11'0"	F
" "	83	8'6"	M	" "	90	17'0"	M	" "	87	13'0"	M
" "	83	3'10"	F	27/1 "	74	9'2"	M	" "	87	9'0"	F
" "	85	7'0"	F	" "	76	7'0"	M	" "	87	6'0"	M
" "	87	12'0"	M	" "	81	7'0"	F	" "	88	19'0"	F
" "	92	14'0"	F	" "	84	13'0"	M	" "	90	9'0"	M
19/1 "	78	8'0"	M	" "	86	8'0"	M	5/2 "	84	13'0"	F
" "	84	14'0"	F	28/1 "	87	10'0"	F	" "	86	10'0"	F
" "	85	10'0"	M	" "	88	11'0"	M	6/2 "	76	7'6"	M
" "	85	12'0"	M	29/1 "	77	8'0"	F	" "	79	8'0"	F
" "	86	10'0"	M	" "	83	7'2"	F	" "	79	8'6"	F
20/1 "	77	5'4"	F	" "	85	10'0"	F	" "	81	11'0"	F
21/1 "	76	6'4"	F	" "	86	3'0"	M	" "	82	12'6"	M
" "	82	3'0"	M	" "	88	11'0"	M	" "	84	7'0"	F
" "	83	12'0"	M	30/1 "	75	8'0"	F	" "	84	12'0"	F
" "	84	14'0"	F	" "	75	7'0"	F	" "	86	7'0"	M
" "	86	12'0"	M	" "	78	8'4"	F	" "	86	14'0"	M
" "	89	12'6"	M	" "	80	4'0"	F	" "	86	15'4"	F
22/1 "	72	7'6"	M	" "	81	11'0"	F	" "	87	15'0"	M
" "	77	9'0"	M	" "	86	11'0"	M	" "	88	19'0"	F
" "	81	12'0"	M	31/1 "	74	8'0"	F	" "	89	18'0"	F
" "	81	9'5"	M	" "	80	6'9"	M	" "	89	14'0"	M
" "	81	9'5"	F	" "	82	9'0"	F	" "	89	8'0"	F
" "	82	6'0"	M	" "	87	10'0"	M	" "	94	13'0"	M
" "	83	7'6"	F	" "	91	9'0"	F	7/2 "	80	11'0"	M
" "	85	14'0"	F	1/2 "	81	10'0"	F	" "	81	13'0"	F
" "	89	11'0"	M	" "	85	14'0"	M	" "	81	12'0"	M
" "	90	12'0"	M	" "	92	11'0"	M	" "	81	7'0"	F
23/1 "	79	10'0"	F	" "	77	12'0"	F	" "	83	14'0"	F
" "	82	6'0"	M	2/2 "	85	13'3"	F	" "	84	10'0"	M
" "	85	12'0"	F	" "	86	12'5"	M	" "	85	11'0"	M
" "	87	16'0"	M	" "	89	13'0"	F	" "	85	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.	
7/2 54	85	12' 4"	F	13/2 54	81	13' 0"	F	17/2 54	85	16' 0"	M
" "	87	15' 0"	M	" "	81	8' 0"	F	" "	85	15' 0"	M
" "	87	12' 0"	F	" "	81	11' 10"	F	" "	86	20' 0"	M
" "	88	12' 0"	F	" "	85	14' 0"	M	" "	86	17' 0"	M
" "	88	16' 0"	F	" "	85	11' 0"	M	" "	86	12' 0"	F
" "	88	15' 10"	M	" "	86	13' 0"	F	" "	86	12' 0"	M
" "	88	11' 0"	F	" "	87	7' 0"	M	" "	87	11' 0"	M
" "	88	11' 0"	F	" "	90	16' 0"	M	" "	87	16' 0"	M
" "	89	7' 0"	M	" "	90	18' 0"	F	" "	87	16' 0"	M
" "	89	16' 0"	M	" "	91	17' 0"	M	" "	87	6' 0"	M
" "	91	14' 0"	M	14/2	78	10' 0"	M	" "	87	6' 3"	M
8/2	76	8' 0"	F	" "	81	10' 4"	F	" "	88	10' 0"	M
" "	77	13' 0"	F	" "	83	16' 0"	M	" "	89	8' 0"	F
" "	81	8' 0"	M	" "	85	4' 0"	M	" "	89	16' 0"	M
" "	82	10' 0"	F	" "	85	6' 0"	M	" "	89	10' 0"	M
" "	83	13' 0"	M	" "	85	17' 0"	F	" "	90	18' 0"	M
" "	83	8' 0"	M	" "	86	15' 0"	F	" "	90	5' 0"	F
" "	84	11' 0"	F	" "	87	12' 0"	F	" "	91	14' 0"	M
" "	86	13' 0"	M	" "	88	16' 0"	M	" "	91	2' 0"	M
" "	87	14' 0"	M	" "	88	15' 0"	M	" "	92	13' 0"	F
" "	87	13' 0"	M	" "	90	17' 0"	M	" "	94	7' 0"	M
" "	89	4' 0"	F	" "	90	11' 0"	M	18/2	75	10' 2"	F
" "	89	17' 0"	F	15/2	77	12' 0"	F	" "	77	11' 0"	F
" "	90	15' 0"	M	" "	77	10' 4"	M	" "	77	9' 0"	M
" "	90	16' 0"	M	" "	85	12' 0"	F	" "	80	12' 0"	M
" "	90	11' 0"	M	" "	85	13' 0"	F	" "	80	6' 0"	F
" "	91	13' 0"	M	" "	85	12' 0"	F	" "	84	9' 0"	M
" "	77	5' 11"	F	" "	85	5' 0"	M	" "	84	17' 0"	M
9/2	84	12' 8"	F	" "	85	10' 4"	F	" "	85	9' 0"	F
" "	85	16' 0"	M	" "	86	12' 0"	M	" "	86	17' 0"	F
" "	85	13' 0"	M	" "	86	9' 0"	F	" "	86	11' 0"	M
" "	86	11' 0"	M	" "	88	15' 0"	F	" "	87	9' 0"	M
" "	86	5' 0"	M	" "	90	6' 0"	M	" "	87	10' 0"	F
" "	88	14' 0"	F	" "	90	5' 0"	M	" "	87	19' 0"	F
" "	89	10' 3"	F	16/2	74	5' 0"	F	" "	87	18' 0"	M
" "	91	26' 0"	F	" "	77	12' 0"	F	" "	87	18' 0"	M
10/2	78	2' 8"	F	" "	79	10' 6"	F	" "	88	12' 0"	M
" "	79	9' 0"	M	" "	80	10' 0"	F	" "	89	16' 0"	F
" "	83	10' 0"	F	" "	81	12' 0"	M	" "	90	12' 0"	M
" "	84	12' 0"	M	" "	83	4' 0"	F	" "	92	18' 0"	M
" "	84	7' 10"	F	" "	83	15' 0"	F	" "	93	16' 0"	F
" "	85	12' 0"	F	" "	83	11' 5"	F	" "	93	16' 0"	F
" "	90	10' 0"	F	" "	84	10' 0"	M	19/2	77	12' 10"	M
" "	91	18' 0"	M	" "	85	12' 0"	F	" "	78	8' 0"	F
11/2	84	18' 0"	F	" "	86	15' 0"	F	" "	81	14' 0"	M
" "	84	15' 10"	F	" "	87	14' 3"	M	" "	85	12' 0"	F
" "	84	17' 3"	M	" "	88	5' 0"	M	" "	86	14' 0"	M
" "	86	15' 0"	M	" "	89	15' 0"	F	" "	87	17' 0"	F
" "	88	15' 0"	F	" "	91	11' 0"	F	" "	91	13' 0"	F
" "	89	15' 5"	F	" "	91	16' 0"	F	" "	91	14' 0"	F
" "	90	13' 0"	F	17/2	91	7' 0"	M	" "	96	18' 0"	F
" "	92	22' 6"	M	" "	67	16' 0"	M	20/2	80	16' 0"	F
12/2	80	10' 0"	F	" "	75	7' 0"	F	" "	85	19' 0"	M
" "	83	16' 0"	M	" "	75	10' 0"	F	" "	86	16' 0"	F
" "	86	13' 0"	M	" "	77	8' 0"	F	" "	87	15' 0"	M
" "	88	1' 6"	M	" "	80	8' 0"	F	" "	88	11' 0"	F
13/2	74	11' 0"	M	" "	82	10' 0"	F	" "	90	16' 0"	F
" "				" "	84	21' 0"	F	" "	91	14' 0"	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.	
21 <sup>1</sup> / <sub>2</sub> 54	75	11' 0"	F	2 <sup>2</sup> / <sub>3</sub> 54	74	11' 0"	M	8 <sup>2</sup> / <sub>3</sub> 54	85	17' 0"	F
" "	83	15' 0"	F	" "	80	5' 0"	M	" "	86	18' 0"	F
" "	85	12' 0"	M	" "	82	7' 0"	M	" "	86	10' 0"	M
" "	88	19' 0"	F	" "	85	15' 0"	F	" "	87	16' 0"	M
" "	91	18' 0"	F	" "	85	24' 0"	F	" "	87	11' 0"	F
22 <sup>2</sup> / <sub>2</sub> "	78	16' 0"	M	" "	85	14' 0"	M	" "	88	9' 0"	M
" "	78	12' 8"	M	" "	86	14' 0"	F	" "	88	16' 0"	F
" "	81	6' 0"	F	" "	87	17' 0"	F	" "	89	20' 0"	M
" "	81	7' 0"	F	" "	88	16' 0"	M	" "	89	13' 0"	F
" "	88	13' 0"	F	" "	88	2' 0"	M	" "	89	9' 0"	M
" "	89	21' 0"	M	" "	89	21' 0"	M	" "	90	15' 0"	M
23 <sup>2</sup> / <sub>2</sub> "	80	15' 0"	F	3 <sup>3</sup> / <sub>3</sub> "	83	12' 0"	F	" "	92	12' 0"	F
" "	81	10' 0"	M	" "	84	19' 0"	F	9 <sup>3</sup> / <sub>3</sub> "	72	10' 0"	M
" "	82	13' 0"	M	" "	85	16' 0"	M	" "	76	13' 5"	M
" "	82	12' 0"	F	" "	86	16' 6"	M	" "	77	16' 0"	M
" "	83	8' 0"	M	" "	91	14' 0"	F	" "	81	12' 0"	F
" "	83	10' 0"	F	4 <sup>3</sup> / <sub>3</sub> "	74	10' 10"	F	" "	84	18' 0"	F
" "	84	7' 0"	F	" "	79	19' 0"	M	" "	85	11' 0"	F
" "	84	{ 8' 0"	M	" "	82	14' 0"	F	" "	85	12' 0"	F
" "	84	{ 8' 0"	F	" "	84	13' 0"	M	" "	86	7' 0"	M
" "	85	9' 0"	M	" "	86	17' 0"	M	" "	86	8' 0"	M
" "	85	14' 0"	F	5 <sup>3</sup> / <sub>3</sub> "	77	11' 0"	M	" "	88	18' 0"	F
" "	85	12' 0"	F	" "	78	8' 0"	F	" "	90	23' 0"	F
" "	85	16' 0"	M	" "	88	15' 0"	M	" "	90	16' 0"	F
" "	87	14' 0"	F	6 <sup>3</sup> / <sub>3</sub> "	74	13' 2"	M	" "	90	15' 0"	F
" "	87	14' 0"	F	" "	74	12' 10"	F	" "	92	17' 0"	F
" "	88	10' 0"	F	" "	78	12' 5"	M	10 <sup>3</sup> / <sub>3</sub> "	84	9' 0"	F
" "	88	14' 0"	F	" "	79	15' 0"	M	" "	85	12' 0"	M
" "	88	21' 0"	F	" "	85	22' 7"	F	" "	86	16' 0"	F
" "	89	12' 0"	M	" "	85	18' 0"	M	" "	87	11' 0"	M
24 <sup>2</sup> / <sub>2</sub> "	81	10' 0"	M	" "	86	11' 0"	F	" "	88	18' 0"	M
" "	83	21' 0"	F	" "	91	14' 0"	F	" "	91	20' 0"	F
" "	85	15' 0"	M	7 <sup>3</sup> / <sub>3</sub> "	75	10' 0"	M	11 <sup>3</sup> / <sub>3</sub> "	84	14' 0"	M
" "	86	12' 0"	M	" "	78	11' 0"	F	" "	84	12' 0"	F
" "	86	10' 0"	M	" "	78	14' 0"	F	" "	85	18' 0"	M
" "	86	12' 0"	F	" "	84	15' 0"	M	" "	86	9' 0"	F
" "	90	19' 0"	M	" "	84	20' 0"	F	12 <sup>3</sup> / <sub>3</sub> "	75	9' 0"	M
25 <sup>1</sup> / <sub>2</sub> "	85	13' 0"	F	" "	85	14' 0"	M	" "	81	12' 0"	F
" "	90	14' 0"	F	" "	85	11' 0"	M	" "	83	19' 0"	M
" "	90	15' 0"	F	" "	85	19' 0"	M	" "	85	14' 0"	F
" "	90	18' 0"	F	" "	86	20' 0"	F	" "	86	16' 0"	M
26 <sup>2</sup> / <sub>2</sub> "	85	15' 0"	M	" "	86	15' 0"	M	" "	87	9' 0"	F
" "	85	{ 12' 0"	M	" "	86	14' 0"	M	" "	89	12' 0"	F
" "	89	{ 12' 0"	M	" "	88	15' 0"	F	" "	93	24' 0"	F
" "	89	19' 0"	M	" "	88	16' 0"	M	13 <sup>3</sup> / <sub>3</sub> "	80	18' 0"	M
" "	94	12' 0"	M	" "	88	7' 0"	M	" "	81	11' 0"	M
27 <sup>2</sup> / <sub>2</sub> "	79	14' 0"	M	" "	88	9' 0"	F	" "	84	12' 0"	M
" "	84	18' 0"	M	" "	89	19' 0"	M	" "	85	17' 0"	F
" "	85	20' 0"	F	" "	90	11' 0"	M	" "	86	17' 0"	F
" "	85	14' 0"	F	" "	90	21' 0"	M	" "	87	16' 0"	F
" "	89	17' 0"	F	8 <sup>3</sup> / <sub>3</sub> "	72	7' 3"	F	" "	90	23' 0"	M
" "	89	{ 10' 0"	F	" "	77	14' 7"	F	14 <sup>3</sup> / <sub>3</sub> "	80	14' 0"	M
" "	89	{ 10' 0"	F	" "	82	17' 0"	M	" "	85	15' 0"	F
28 <sup>2</sup> / <sub>2</sub> "	86	15' 0"	M	" "	82	14' 0"	F	" "	85	18' 0"	F
1 <sup>1</sup> / <sub>3</sub> "	73	13' 8"	F	" "	83	8' 0"	F	" "	88	15' 0"	M
" "	78	7' 8"	M	" "	83	14' 0"	F	" "	88	6' 0"	M
" "	88	19' 0"	M	" "	84	9' 0"	M	" "	89	10' 0"	M
" "	92	22' 0"	F	" "	84	18' 0"	F	" "	92	23' 0"	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.	
15/3 54	84	16' 0"	M	16/3 54	87	13' 0"	F	17/3 54	87	14' 0"	M
" "	85	17' 0"	M	" "	88	16' 0"	M	18/3 "	81	6' 0"	F
" "	86	12' 0"	M	" "	91	20' 0"	M	" "	86	12' 0"	M
" "	91	17' 0"	M	17/3 "	85	16' 0"	F	" "	90	26' 0"	F
16/3 "	81	18' 0"	M	" "	86	14' 0"	M	" "	95	24' 0"	M

Total 519 blue-whale foetuses, of which 264 males and 255 females, or 50.87 per cent males and 49.13 per cent females.

## Fin-whale foetuses.

17/10 53	74	3' 0"	M	14/11 53	73	3' 0"	M	22/12 53	75	5' 0"	M
" "	77	2' 6"	F	17/11 "	75	5' 0"	F	" "	77	8' 0"	F
18/10 "	64	2' 0"	M	" "	76	2' 6"	M	24/12 "	70	7' 0"	F
" "	68	3' 0"	F	" "	78	5' 0"	F	27/12 "	71	9' 0"	F
" "	69	2' 0"	M	18/11 "	62	4' 0"	M	" "	72	8' 0"	M
" "	70	1' 6"	F	" "	71	4' 0"	M	28/12 "	71	3' 0"	M
19/10 "	64	1' 0"	F	19/11 "	64	1' 0"	M	" "	75	6' 0"	M
" "	66	0' 8"	F	20/11 "	72	0' 5"	M	29/12 "	70	7' 0"	F
" "	73	2' 0"	F	21/11 "	70	5' 0"	M	" "	72	7' 0"	M
20/10 "	62	2' 0"	F	23/11 "	69	4' 0"	M	30/12 "	66	6' 0"	F
" "	73	2' 0"	F	24/11 "	74	4' 6"	M	" "	76	2' 8"	M
25/10 "	68	0' 8"	M	" "	75	2' 0"	M	31/12 "	70	7' 0"	M
" "	69	1' 6"	F	25/11 "	73	4' 0"	F	1/1 54	68	3' 0"	M
" "	70	2' 0"	F	26/11 "	67	4' 0"	M	" "	70	3' 0"	M
" "	72	2' 0"	F	" "	68	6' 0"	F	2/1 "	63	0' 6"	M
" "	75	3' 0"	F	27/11 "	64	5' 0"	F	" "	64	4' 0"	F
26/10 "	71	8' 0"	M	" "	68	1' 0"	F	" "	64	2' 6"	M
" "	72	8' 0"	F	29/11 "	71	3' 0"	M	" "	65	3' 0"	M
" "	72	8' 0"	F	" "	72	5' 0"	F	" "	65	5' 0"	M
29/10 "	68	3' 0"	F	1/12 "	66	3' 0"	M	" "	66	6' 0"	M
" "	69	2' 6"	M	" "	67	0' 8"	F	" "	66	3' 0"	M
" "	72	3' 0"	M	" "	72	6' 0"	F	" "	66	5' 0"	M
30/10 "	66	1' 0"	F	2/12 "	64	2' 0"	M	" "	66	2' 0"	M
" "	66	3' 0"	F	" "	73	7' 0"	M	" "	66	5' 0"	F
31/10 "	71	3' 0"	M	" "	74	6' 0"	F	" "	67	5' 0"	M
" "	74	3' 0"	M	" "	74	6' 0"	F	" "	67	5' 1"	M
" "	75	4' 0"	F	3/12 "	72	4' 0"	M	" "	67	2' 0"	M
1/11 "	70	5' 0"	M	5/12 "	68	4' 0"	M	" "	67	3' 7"	F
" "	70	3' 0"	M	" "	70	3' 0"	M	" "	67	2' 0"	M
" "	74	2' 0"	M	6/12 "	69	4' 0"	F	" "	68	9' 0"	F
2/11 "	68	0' 6"	F	" "	70	3' 0"	M	" "	68	6' 0"	M
3/11 "	65	2' 0"	M	" "	74	4' 0"	M	" "	68	6' 0"	F
" "	70	3' 0"	F	7/12 "	67	5' 0"	M	" "	68	0' 5"	F
4/11 "	69	2' 0"	F	8/12 "	65	3' 0"	F	" "	68	6' 3"	F
" "	72	1' 6"	F	" "	69	8' 0"	M	" "	68	5' 0"	F
5/11 "	72	3' 0"	F	9/12 "	66	3' 0"	F	" "	68	4' 8"	F
" "	76	4' 6"	M	12/12 "	72	6' 0"	F	" "	68	4' 11"	F
6/11 "	73	3' 0"	M	14/12 "	70	6' 0"	M	" "	69	3' 0"	F
" "	73	6' 0"	F	" "	71	7' 0"	F	" "	69	6' 0"	M
" "	73	2' 0"	F	16/12 "	72	5' 6"	M	" "	69	4' 0"	F
10/11 "	64	3' 0"	F	" "	73	7' 0"	F	" "	69	3' 0"	M
" "	66	3' 0"	M	18/12 "	70	7' 0"	F	" "	69	3' 0"	M
" "	70	3' 0"	M	21/12 "	72	8' 0"	M	" "	69	5' 6"	M
13/11 "	75	2' 0"	M	22/12 "	70	3' 0"	M	" "	69	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.	
2 <sup>1</sup> / <sub>1</sub> 54	69	5' 11"	M	2 <sup>1</sup> / <sub>1</sub> 54	73	4' 0"	F	3 <sup>1</sup> / <sub>1</sub> 54	69	6' 0"	M
" "	69	3' 3"	F	" "	73	2' 0"	F	" "	69	3' 0"	M
" "	69	4' 4"	M	" "	74	6' 0"	F	" "	69	5' 0"	F
" "	69	5' 0"	M	" "	74	7' 0"	F	" "	69	1' 10"	F
" "	70	7' 1"	F	" "	74	9' 0"	M	" "	69	5' 0"	F
" "	70	4' 5"	F	" "	74	2' 2"	F	" "	70	5' 0"	F
" "	70	6' 0"	M	" "	74	2' 0"	M	" "	70	5' 0"	F
" "	70	5' 0"	F	" "	74	8' 0"	F	" "	70	5' 0"	M
" "	70	3' 0"	F	" "	74	8' 0"	F	" "	70	6' 0"	F
" "	70	7' 0"	M	" "	75	6' 0"	F	" "	70	9' 0"	F
" "	70	8' 0"	F	" "	75	0' 4"	M	" "	70	3' 0"	F
" "	70	4' 7"	F	" "	75	8' 0"	F	" "	70	3' 0"	M
" "	71	8' 0"	F	" "	75	2' 5"	M	" "	70	6' 0"	M
" "	71	7' 0"	F	" "	75	8' 0"	F	" "	70	6' 0"	F
" "	71	8' 0"	M	" "	75	6' 6"	F	" "	71	7' 0"	M
" "	71	4' 0"	M	" "	75	9' 0"	F	" "	71	5' 0"	M
" "	71	6' 0"	M	" "	75	8' 0"	M	" "	71	1' 0"	F
" "	71	6' 6"	F	" "	75	8' 0"	F	" "	71	8' 0"	M
" "	71	7' 8"	F	" "	75	9' 6"	F	" "	71	4' 0"	M
" "	71	6' 0"	M	" "	75	9' 0"	M	" "	71	5' 0"	M
" "	71	0' 11"	F	" "	76	6' 6"	F	" "	71	5' 3"	M
" "	71	8' 3"	F	" "	76	10' 0"	F	" "	71	4' 11"	M
" "	71	4' 3"	F	" "	76	8' 0"	F	" "	71	8' 0"	M
" "	71	5' 8"	M	" "	76	5' 0"	F	" "	72	4' 0"	F
" "	71	4' 0"	M	" "	76	1' 0"	M	" "	72	6' 5"	F
" "	71	5' 1"	F	" "	76	9' 0"	F	" "	72	7' 0"	F
" "	72	3' 0"	M	" "	76	7' 0"	F	" "	72	1' 3"	M
" "	72	9' 0"	F	" "	76	6' 0"	F	" "	72	4' 0"	M
" "	72	9' 0"	M	" "	76	12' 0"	M	" "	72	4' 0"	F
" "	72	2' 6"	M	" "	76	12' 0"	M	" "	72	6' 0"	F
" "	72	5' 0"	M	" "	77	3' 0"	M	" "	72	2' 5"	M
" "	72	3' 0"	M	" "	77	3' 0"	F	" "	73	7' 0"	M
" "	72	7' 0"	M	" "	77	2' 4"	F	" "	73	2' 0"	M
" "	72	6' 0"	M	" "	77	2' 0"	M	" "	73	8' 11"	F
" "	72	9' 0"	F	" "	80	9' 0"	F	" "	73	7' 0"	M
" "	72	9' 0"	F	3 <sup>1</sup> / <sub>1</sub> "	61	5' 11"	F	" "	73	6' 0"	M
" "	72	5' 1"	M	" "	61	3' 6"	M	" "	73	5' 0"	M
" "	72	9' 8"	M	" "	63	1' 0"	M	" "	73	9' 0"	F
" "	72	9' 3"	M	" "	64	3' 0"	M	" "	73	3' 0"	M
" "	72	4' 10"	M	" "	65	5' 0"	F	" "	73	5' 0"	M
" "	72	3' 0"	M	" "	65	6' 0"	M	" "	73	7' 0"	F
" "	72	6' 0"	F	" "	65	2' 6"	M	" "	73	6' 0"	F
" "	72	4' 6"	F	" "	65	3' 0"	M	" "	73	6' 0"	M
" "	72	2' 6"	M	" "	66	5' 0"	F	" "	73	5' 0"	M
" "	73	6' 0"	F	" "	66	5' 0"	M	" "	73	7' 0"	M
" "	73	6' 0"	F	" "	66	1' 0"	M	" "	73	8' 0"	M
" "	73	9' 7"	M	" "	66	6' 0"	F	" "	74	5' 0"	F
" "	73	6' 5"	F	" "	67	4' 0"	M	" "	74	6' 0"	M
" "	73	1' 3"	F	" "	67	5' 5"	F	" "	74	5' 0"	F
" "	73	9' 11"	F	" "	67	3' 7"	F	" "	74	3' 0"	F
" "	73	5' 0"	M	" "	68	7' 0"	M	" "	74	6' 5"	F
" "	73	9' 0"	M	" "	68	5' 0"	F	" "	74	4' 0"	F
" "	73	9' 0"	F	" "	68	3' 0"	M	" "	74	5' 0"	M
" "	73	7' 0"	M	" "	68	7' 0"	M	" "	74	7' 6"	M
" "	73	6' 0"	M	" "	68	1' 0"	M	" "	74	6' 0"	F
" "	73	6' 0"	M	" "	68	3' 0"	M	" "	74	11' 0"	F
" "	73	7' 0"	F	" "	68	6' 2"	M	" "	74	11' 0"	F
" "	73	6' 0"	M	" "	68	2' 7"	M	" "	75	5' 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.	
<sup>3</sup> / <sub>1</sub> 54	75	3'0"	F	<sup>4</sup> / <sub>1</sub> 54	72	9'0"	M	<sup>5</sup> / <sub>1</sub> 54	68	6'6"	F
" "	75	2'9"	M	" "	72	9'6"	F	" "	68	5'8"	F
" "	75	5'0"	M	" "	72	3'0"	M	" "	68	6'1"	F
" "	75	9'0"	M	" "	72	6'0"	F	" "	68	7'2"	F
" "	75	5'0"	F	" "	72	6'4"	F	" "	68	9'0"	F
" "	75	8'0"	M	" "	72	10'2"	F	" "	69	5'0"	M
" "	75	5'6"	F	" "	72	6'4"	F	" "	69	5'2"	M
" "	75	7'8"	M	" "	72	6'6"	M	" "	69	7'0"	F
" "	76	7'0"	F	" "	72	4'7"	F	" "	70	7'0"	M
" "	76	6'0"	F	" "	73	5'6"	M	" "	70	4'0"	M
" "	76	9'0"	M	" "	73	8'8"	F	" "	70	7'0"	M
" "	76	7'6"	F	" "	73	1'3"	M	" "	70	5'0"	F
" "	76	10'0"	F	" "	73	4'3"	M	" "	70	8'9"	F
" "	76	7'0"	F	" "	73	5'0"	F	" "	70	7'0"	F
" "	77	5'0"	M	" "	73	5'0"	M	" "	70	8'0"	M
" "	77	8'0"	F	" "	73	4'0"	F	" "	70	6'0"	M
" "	77	4'0"	F	" "	73	8'0"	F	" "	70	9'0"	M
" "	77	2'6"	M	" "	73	2'0"	F	" "	70	7'0"	M
" "	77	5'0"	M	" "	73	5'0"	M	" "	70	5'1"	M
" "	77	7'0"	M	" "	74	4'4"	M	" "	70	4'6"	F
" "	78	7'0"	F	" "	74	5'9"	F	" "	70	4'9"	F
" "	78	3'0"	M	" "	74	2'0"	F	" "	70	1'0"	M
" "	78	4'0"	M	" "	74	6'0"	M	" "	71	7'6"	M
" "	80	8'0"	F	" "	74	8'0"	M	" "	71	7'0"	M
<sup>4</sup> / <sub>1</sub> 61	61	5'5"	M	" "	74	7'0"	F	" "	71	6'0"	M
" "	63	5'8"	F	" "	74	3'11"	F	" "	71	4'0"	F
" "	65	5'0"	M	" "	75	15'0"	M	" "	71	6'0"	F
" "	66	9'2"	M	" "	75	7'0"	F	" "	71	10'0"	F
" "	66	5'5"	M	" "	75	7'0"	F	" "	71	1'6"	M
" "	67	5'0"	F	" "	75	5'0"	M	" "	71	6'6"	M
" "	67	4'0"	M	" "	75	10'0"	F	" "	71	4'11"	M
" "	67	4'10"	F	" "	75	7'0"	M	" "	71	7'0"	F
" "	67	6'6"	F	" "	76	4'0"	F	" "	71	4'0"	F
" "	68	9'0"	M	" "	76	3'0"	M	" "	72	8'0"	F
" "	68	5'0"	M	" "	76	6'0"	F	" "	72	6'0"	M
" "	69	5'0"	M	" "	76	8'0"	F	" "	72	9'0"	M
" "	69	3'0"	M	" "	76	5'0"	M	" "	72	2'0"	F
" "	69	7'0"	M	" "	76	8'0"	F	" "	72	8'0"	M
" "	69	4'4"	M	" "	76	3'0"	M	" "	72	5'0"	M
" "	69	4'2"	M	" "	76	8'0"	F	" "	72	5'0"	F
" "	69	5'3"	F	" "	76	5'6"	M	" "	72	3'0"	F
" "	69	2'0"	M	" "	76	8'0"	M	" "	72	9'4"	F
" "	70	10'8"	M	" "	77	7'0"	M	" "	72	8'9"	M
" "	70	6'6"	M	" "	77	5'0"	M	" "	73	4'0"	F
" "	70	4'8"	F	" "	77	5'0"	F	" "	73	8'0"	M
" "	70	8'0"	F	" "	78	12'0"	F	" "	73	5'0"	F
" "	70	6'0"	F	<sup>5</sup> / <sub>1</sub> 64	64	3'0"	F	" "	73	8'6"	M
" "	70	2'0"	F	" "	65	4'7"	F	" "	73	7'0"	M
" "	70	5'6"	M	" "	65	4'0"	F	" "	73	4'0"	F
" "	70	8'0"	F	" "	65	3'0"	F	" "	73	7'0"	F
" "	71	3'0"	M	" "	65	6'0"	M	" "	73	4'8"	F
" "	71	5'0"	M	" "	66	10'0"	M	" "	73	5'4"	F
" "	71	5'2"	M	" "	66	3'3"	F	" "	73	1'0"	M
" "	71	10'2"	M	" "	66	4'11"	F	" "	73	10'0"	M
" "	71	1'4"	M	" "	66	3'0"	M	" "	74	6'0"	F
" "	71	3'6"	M	" "	67	3'0"	M	" "	74	4'0"	F
" "	71	3'0"	M	" "	68	6'0"	F	" "	74	5'0"	F
" "	71	3'0"	F	" "	68	4'0"	M	" "	74	7'6"	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.	
5/1 54	74	4'6"	M	6/1 54	70	6'0"	F	6/1 54	74	5'0"	F
" "	75	3'0"	M	" "	70	7'0"	M	" "	75	5'0"	M
" "	75	7'0"	M	" "	70	11'0"	M	" "	75	6'0"	F
" "	75	8'0"	F	" "	70	10'0"	F	" "	75	11'2"	M
" "	76	9'0"	M	" "	70	7'0"	M	" "	75	10'0"	M
" "	76	5'0"	M	" "	70	4'0"	M	" "	75	8'0"	F
" "	76	8'0"	M	" "	70	6'0"	F	" "	75	15'0"	F
" "	76	7'0"	F	" "	70	4'7"	M	" "	75	7'0"	M
" "	76	6'0"	F	" "	70	4'0"	F	" "	75	4'0"	F
" "	76	4'0"	F	" "	70	2'0"	F	" "	75	7'7"	F
" "	76	8'6"	F	" "	71	9'0"	M	" "	75	2'0"	M
" "	76	4'6"	F	" "	71	6'0"	F	" "	76	6'0"	F
" "	77	7'0"	M	" "	71	10'0"	M	" "	76	9'0"	M
" "	77	8'0"	M	" "	71	11'0"	F	" "	76	10'0"	M
" "	77	8'6"	M	" "	71	5'0"	F	" "	76	3'3"	M
" "	77	2'6"	M	" "	71	5'1"	M	" "	76	8'0"	F
" "	78	9'0"	F	" "	71	5'8"	M	" "	76	5'0"	F
" "	78	6'0"	F	" "	71	5'1"	M	" "	77	10'0"	M
" "	78	5'0"	F	" "	71	5'1"	M	" "	77	8'6"	F
" "	78	10'0"	M	" "	72	7'0"	M	" "	77	6'0"	F
" "	78	10'0"	F	" "	72	6'6"	F	" "	77	6'0"	F
" "	79	{10'0"	F	" "	72	3'0"	M	" "	77	8'0"	M
" "	81	{10'0"	M	" "	72	11'0"	M	" "	78	5'0"	F
" "	81	7'0"	M	" "	72	1'0"	F	" "	78	7'0"	M
6/1 62	62	4'0"	F	" "	72	7'0"	F	" "	80	6'0"	M
" "	63	4'0"	M	" "	72	5'6"	F	7/1 "	63	1'0"	M
" "	63	6'0"	F	" "	72	5'0"	M	" "	64	1'6"	M
" "	63	3'0"	M	" "	72	10'0"	F	" "	64	1'5"	M
" "	64	4'0"	F	" "	72	12'0"	F	" "	65	6'0"	M
" "	64	3'6"	F	" "	72	9'3"	F	" "	65	5'0"	F
" "	65	1'6"	M	" "	72	9'4"	M	" "	66	3'0"	M
" "	65	6'0"	M	" "	72	5'0"	M	" "	66	6'11"	F
" "	66	3'0"	F	" "	72	3'0"	F	" "	66	5'11"	M
" "	66	4'0"	M	" "	73	9'0"	M	" "	66	2'0"	M
" "	66	5'2"	F	" "	73	1'0"	F	" "	67	1'2"	M
" "	66	5'11"	F	" "	73	6'6"	M	" "	67	1'0"	M
" "	67	3'0"	F	" "	73	2'0"	M	" "	67	2'0"	M
" "	67	2'0"	M	" "	73	5'0"	M	" "	68	10'3"	F
" "	67	9'0"	F	" "	73	7'0"	M	" "	68	14'0"	M
" "	67	7'6"	M	" "	73	5'0"	M	" "	68	5'10"	M
" "	67	6'1"	M	" "	73	4'0"	F	" "	68	7'8"	F
" "	67	4'4"	F	" "	73	6'11"	F	" "	69	7'0"	M
" "	67	5'7"	F	" "	73	{4'6"	M	" "	69	2'6"	M
" "	67	6'1"	F	" "	73	{4'6"	M	" "	69	3'0"	M
" "	68	7'0"	M	" "	74	4'3"	M	" "	69	8'5"	M
" "	68	8'0"	M	" "	74	3'0"	M	" "	69	8'1"	F
" "	68	3'0"	F	" "	74	2'0"	M	" "	69	5'2"	M
" "	68	7'0"	M	" "	74	6'0"	M	" "	69	5'8"	F
" "	68	2'0"	M	" "	74	0'2"	M	" "	69	5'3"	F
" "	68	9'0"	F	" "	74	6'0"	F	" "	70	6'6"	M
" "	68	6'0"	M	" "	74	10'3"	M	" "	70	4'0"	M
" "	69	3'0"	M	" "	74	8'0"	F	" "	70	3'0"	M
" "	69	4'0"	F	" "	74	4'0"	M	" "	70	7'0"	F
" "	69	4'0"	M	" "	74	12'0"	F	" "	70	9'9"	M
" "	69	6'7"	M	" "	74	8'0"	F	" "	70	6'3"	M
" "	69	3'1"	M	" "	74	2'0"	M	" "	70	9'0"	F
" "	69	4'9"	M	" "	74	4'0"	M	" "	70	5'5"	M
" "	69	5'5"	F	" "	74	3'9"	F	" "	70	7'3"	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.	
7/1 54	70	6' 5"	F	8/1 54	70	8' 0"	M	9/1 54	66	6' 0"	F
" "	71	6' 0"	M	" "	70	2' 0"	M	" "	67	7' 0"	F
" "	71	3' 1"	M	" "	70	6' 0"	M	" "	67	6' 0"	M
" "	72	4' 0"	M	" "	71	7' 0"	M	" "	67	8' 0"	F
" "	72	6' 0"	F	" "	71	4' 0"	F	" "	67	4' 10"	F
" "	72	3' 0"	F	" "	71	3' 0"	F	" "	67	5' 0"	F
" "	72	11' 0"	M	" "	71	6' 0"	F	" "	68	7' 0"	F
" "	72	5' 0"	M	" "	71	4' 0"	M	" "	68	3' 0"	F
" "	72	2' 0"	M	" "	71	6' 0"	F	" "	68	8' 0"	F
" "	72	4' 11"	F	" "	71	4' 0"	M	" "	68	7' 0"	M
" "	72	4' 5"	F	" "	71	4' 0"	F	" "	68	6' 0"	F
" "	72	6' 0"	M	" "	71	4' 0"	F	" "	69	4' 0"	F
" "	72	7' 0"	F	" "	71	6' 3"	M	" "	69	5' 0"	M
" "	72	2' 0"	F	" "	71	3' 8"	M	" "	69	7' 0"	F
" "	73	6' 3"	F	" "	71	5' 5"	M	" "	69	3' 0"	F
" "	73	1' 0"	F	" "	71	4' 11"	M	" "	70	6' 0"	F
" "	73	5' 0"	F	" "	71	3' 0"	F	" "	70	8' 0"	F
" "	73	2' 0"	F	" "	72	4' 0"	F	" "	70	4' 10"	M
" "	73	7' 0"	F	" "	72	6' 0"	M	" "	70	1' 9"	F
" "	74	5' 9"	M	" "	72	6' 1"	M	" "	70	8' 0"	M
" "	74	4' 0"	F	" "	72	7' 8"	M	" "	70	6' 0"	M
" "	74	6' 0"	F	" "	72	7' 0"	F	" "	70	7' 0"	F
" "	74	4' 0"	F	" "	72	5' 6"	F	" "	70	3' 0"	M
" "	74	4' 0"	F	" "	73	9' 10"	M	" "	70	7' 0"	M
" "	74	7' 0"	F	" "	73	13' 0"	M	" "	70	4' 0"	M
" "	74	9' 0"	F	" "	74	12' 0"	M	" "	70	5' 0"	M
" "	74	9' 0"	M	" "	74	4' 0"	M	" "	71	9' 0"	M
" "	74	10' 0"	M	" "	74	5' 0"	F	" "	71	3' 0"	M
" "	74	8' 0"	M	" "	74	5' 7"	F	" "	72	3' 0"	M
" "	75	7' 8"	F	" "	74	9' 0"	M	" "	72	9' 0"	F
" "	75	7' 6"	M	" "	74	3' 6"	M	" "	72	4' 0"	M
" "	75	6' 0"	M	" "	74	5' 0"	M	" "	72	14' 0"	M
" "	75	3' 0"	M	" "	74	5' 0"	M	" "	72	9' 0"	M
" "	75	4' 0"	F	" "	75	10' 0"	F	" "	72	6' 0"	M
" "	75	5' 0"	M	" "	75	1' 4"	M	" "	72	4' 0"	F
" "	76	2' 6"	M	" "	75	2' 0"	M	" "	72	5' 3"	F
" "	76	7' 0"	M	" "	75	7' 0"	M	" "	72	6' 7"	F
" "	76	7' 0"	F	" "	75	6' 0"	F	" "	73	6' 6"	M
" "	76	8' 0"	M	" "	75	5' 0"	M	" "	73	12' 0"	M
" "	77	5' 0"	F	" "	75	8' 0"	F	" "	73	6' 1"	M
" "	77	7' 0"	M	" "	76	9' 0"	M	" "	73	7' 0"	F
8/1 "	60	6' 0"	M	" "	76	12' 0"	F	" "	73	2' 0"	M
" "	61	2' 0"	F	" "	76	8' 0"	F	" "	73	5' 0"	F
" "	66	9' 0"	F	" "	76	5' 0"	F	" "	73	4' 0"	M
" "	66	8' 0"	M	" "	76	8' 0"	F	" "	73	5' 0"	F
" "	66	6' 0"	F	" "	77	9' 0"	F	" "	74	7' 7"	F
" "	66	3' 0"	M	" "	77	3' 0"	F	" "	74	7' 0"	F
" "	67	6' 7"	F	" "	80	4' 0"	F	" "	74	10' 0"	M
" "	68	8' 0"	M	9/1 "	62	3' 6"	M	" "	74	3' 0"	M
" "	68	8' 9"	F	" "	64	7' 0"	M	" "	74	7' 0"	F
" "	68	4' 7"	M	" "	65	3' 0"	M	" "	75	11' 0"	M
" "	69	6' 0"	F	" "	65	6' 0"	F	" "	75	3' 0"	M
" "	69	5' 0"	M	" "	65	5' 0"	M	" "	75	7' 0"	F
" "	69	2' 11"	M	" "	65	2' 0"	F	" "	75	4' 4"	M
" "	69	7' 0"	F	" "	66	1' 6"	M	" "	75	4' 0"	M
" "	70	3' 0"	F	" "	66	5' 0"	M	" "	76	9' 0"	M
" "	70	5' 11"	F	" "	66	6' 0"	F	" "	76	3' 0"	F
" "	70	7' 5"	M	" "	66	4' 0"	M	" "	76	4' 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.	
9 <sup>1</sup> / <sub>1</sub> 54	76	3' 0"	F	10 <sup>1</sup> / <sub>1</sub> 54	73	9' 0"	M	11 <sup>1</sup> / <sub>1</sub> 54	71	11' 0"	F
" "	76	8' 0"	F	" "	73	5' 0"	M	" "	71	7' 0"	F
" "	76	6' 0"	F	" "	73	9' 0"	M	" "	71	7' 6"	F
" "	77	7' 0"	M	" "	73	4' 0"	F	" "	71	5' 6"	F
" "	77	4' 0"	M	" "	73	3' 0"	M	" "	71	9' 0"	M
" "	79	7' 9"	M	" "	73	7' 10"	M	" "	71	8' 0"	F
10 <sup>1</sup> / <sub>1</sub> "	64	5' 5"	F	" "	73	5' 9"	M	" "	72	5' 0"	M
" "	65	3' 0"	F	" "	73	4' 9"	F	" "	72	8' 0"	M
" "	67	2' 0"	F	" "	74	6' 0"	F	" "	72	12' 6"	M
" "	67	4' 0"	F	" "	74	6' 0"	F	" "	72	2' 0"	M
" "	67	2' 0"	M	" "	74	1' 0"	M	" "	72	8' 0"	F
" "	67	4' 6"	M	" "	74	5' 0"	M	" "	72	7' 6"	F
" "	67	7' 7"	F	" "	74	8' 0"	F	" "	73	8' 0"	F
" "	67	3' 0"	F	" "	74	4' 0"	F	" "	73	5' 0"	F
" "	68	5' 0"	M	" "	74	5' 0"	F	" "	73	12' 0"	M
" "	68	3' 3"	M	" "	75	7' 0"	F	" "	73	5' 0"	M
" "	68	4' 0"	F	" "	75	13' 0"	F	" "	73	5' 0"	M
" "	69	1' 0"	M	" "	75	13' 0"	F	" "	73	8' 0"	M
" "	69	10' 0"	F	" "	75	12' 0"	F	" "	73	11' 0"	F
" "	69	5' 0"	M	" "	75	10' 0"	F	" "	74	3' 1"	M
" "	69	3' 0"	M	" "	75	9' 0"	F	" "	74	9' 0"	M
" "	69	5' 0"	F	" "	75	8' 0"	F	" "	74	5' 0"	F
" "	70	8' 0"	F	" "	75	9' 0"	F	" "	74	8' 0"	M
" "	70	13' 0"	M	" "	75	7' 0"	F	" "	74	3' 0"	M
" "	70	5' 6"	F	" "	76	6' 0"	M	" "	74	8' 0"	F
" "	70	7' 0"	M	" "	77	4' 0"	M	" "	74	2' 0"	M
" "	70	7' 0"	M	" "	79	10' 0"	F	" "	74	11' 0"	M
" "	70	9' 0"	M	" "	79	6' 0"	M	" "	74	11' 0"	F
" "	70	10' 0"	F	" "	79	11' 0"	F	" "	75	4' 1"	F
" "	70	3' 0"	M	" "	79	9' 0"	F	" "	76	9' 0"	M
" "	70	10' 0"	M	" "	80	4' 10"	M	" "	76	6' 0"	F
" "	70	4' 11"	M	11 <sup>1</sup> / <sub>1</sub> "	62	3' 0"	M	" "	76	10' 0"	M
" "	71	5' 0"	F	" "	64	6' 0"	M	" "	76	8' 0"	M
" "	71	6' 0"	M	" "	65	5' 0"	M	" "	76	2' 0"	M
" "	71	7' 0"	M	" "	65	5' 0"	M	" "	76	7' 3"	M
" "	71	8' 0"	F	" "	66	3' 0"	M	" "	77	10' 0"	F
" "	71	5' 0"	F	" "	66	5' 0"	F	" "	77	2' 0"	M
" "	71	3' 0"	F	" "	66	3' 0"	F	" "	77	8' 0"	M
" "	71	9' 6"	M	" "	66	3' 1"	F	" "	78	9' 0"	F
" "	71	5' 0"	F	" "	67	7' 0"	F	" "	79	8' 0"	F
" "	71	5' 11"	M	" "	67	3' 0"	M	" "	79	3' 0"	M
" "	71	5' 1"	M	" "	67	5' 0"	M	" "	81	10' 0"	F
" "	72	2' 0"	M	" "	69	9' 0"	M	12 <sup>1</sup> / <sub>1</sub> "	64	6' 0"	M
" "	72	5' 0"	M	" "	69	6' 0"	F	" "	65	1' 8"	F
" "	72	2' 3"	M	" "	70	5' 0"	M	" "	65	9' 6"	F
" "	72	6' 0"	F	" "	70	2' 6"	M	" "	66	6' 0"	M
" "	72	9' 0"	M	" "	70	6' 0"	M	" "	66	2' 0"	F
" "	72	5' 0"	M	" "	70	10' 0"	F	" "	66	5' 0"	M
" "	72	5' 0"	F	" "	70	9' 0"	F	" "	66	2' 0"	F
" "	72	8' 0"	F	" "	70	10' 0"	M	" "	67	7' 0"	M
" "	72	1' 6"	M	" "	70	3' 0"	F	" "	67	3' 0"	F
" "	72	5' 7"	M	" "	70	7' 10"	F	" "	67	3' 1"	F
" "	73	4' 0"	F	" "	70	3' 11"	M	" "	67	5' 0"	M
" "	73	9' 0"	F	" "	70	4' 1"	F	" "	68	5' 0"	F
" "	73	5' 0"	M	" "	71	8' 0"	F	" "	68	7' 0"	F
" "	73	12' 0"	F	" "	71	8' 0"	F	" "	68	4' 8"	M
" "	73	9' 0"	M	" "	71	12' 0"	F	" "	69	11' 0"	F
" "	73	8' 0"	F	" "	71	5' 0"	M	" "	69	7' 7"	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>12</sup> / <sub>1</sub> 54	69	5' 7"	M	<sup>12</sup> / <sub>1</sub> 54	76	8' 0"	F	<sup>13</sup> / <sub>1</sub> 54	74	10' 0"	F
" "	69	5' 10"	M	" "	76	8' 0"	F	" "	74	2' 0"	M
" "	69	3' 0"	F	" "	76	8' 2"	M	" "	74	6' 0"	M
" "	69	5' 0"	M	" "	76	10' 0"	M	" "	75	10' 0"	F
" "	70	7' 0"	M	" "	77	8' 0"	M	" "	75	8' 0"	M
" "	70	4' 6"	F	" "	78	8' 0"	F	" "	75	10' 0"	M
" "	70	4' 0"	M	<sup>13</sup> / <sub>1</sub> "	61	3' 0"	M	" "	76	9' 0"	F
" "	70	5' 0"	F	" "	62	8' 0"	M	" "	76	3' 6"	F
" "	70	3' 0"	F	" "	65	8' 0"	F	" "	76	10' 0"	M
" "	70	4' 0"	F	" "	65	5' 0"	F	" "	76	8' 0"	F
" "	71	9' 0"	F	" "	66	9' 0"	F	" "	76	11' 0"	F
" "	71	5' 0"	M	" "	66	8' 6"	M	" "	76	5' 0"	M
" "	71	10' 0"	M	" "	66	6' 0"	M	" "	77	12' 10"	M
" "	71	5' 0"	F	" "	66	7' 0"	M	" "	77	7' 10"	F
" "	71	7' 0"	M	" "	67	2' 0"	M	" "	77	11' 0"	M
" "	71	3' 0"	M	" "	68	2' 6"	M	" "	77	10' 0"	M
" "	71	8' 0"	F	" "	68	9' 10"	M	" "	77	11' 0"	F
" "	71	5' 0"	M	" "	68	4' 0"	F	" "	77	11' 6"	M
" "	71	10' 0"	F	" "	68	5' 0"	F	" "	78	8' 0"	F
" "	71	5' 0"	M	" "	68	1' 0"	M	" "	78	5' 0"	F
" "	71	10' 0"	F	" "	69	2' 0"	M	" "	79	7' 0"	M
" "	71	5' 0"	F	" "	69	4' 0"	F	" "	80	7' 0"	F
" "	71	6' 0"	M	" "	69	4' 0"	M	<sup>14</sup> / <sub>1</sub> "	65	5' 0"	F
" "	72	10' 0"	F	" "	69	1' 0"	M	" "	65	6' 0"	M
" "	72	8' 0"	F	" "	69	10' 10"	M	" "	65	5' 0"	F
" "	72	4' 0"	F	" "	69	9' 11"	F	" "	66	6' 0"	M
" "	72	8' 0"	M	" "	69	5' 7"	M	" "	66	7' 0"	M
" "	72	8' 0"	M	" "	69	7' 2"	F	" "	67	9' 0"	F
" "	72	5' 3"	F	" "	69	4' 7"	M	" "	67	2' 5"	F
" "	72	4' 8"	M	" "	69	5' 9"	F	" "	67	5' 0"	F
" "	72	6' 11"	F	" "	69	5' 7"	F	" "	67	7' 0"	F
" "	72	5' 0"	F	" "	70	6' 0"	F	" "	67	5' 0"	M
" "	73	6' 0"	F	" "	70	7' 3"	F	" "	67	4' 0"	F
" "	73	9' 0"	F	" "	70	5' 4"	F	" "	68	7' 0"	F
" "	73	7' 0"	F	" "	70	8' 0"	F	" "	68	2' 0"	F
" "	73	6' 6"	F	" "	70	6' 0"	M	" "	68	6' 6"	F
" "	73	6' 0"	F	" "	70	3' 0"	M	" "	68	4' 1"	M
" "	73	7' 0"	F	" "	70	5' 3"	F	" "	68	7' 9"	F
" "	73	7' 1"	M	" "	71	2' 0"	F	" "	68	6' 0"	F
" "	73	4' 11"	F	" "	71	2' 0"	M	" "	69	7' 0"	M
" "	73	4' 0"	F	" "	71	6' 0"	F	" "	69	8' 0"	M
" "	74	8' 0"	F	" "	71	3' 10"	M	" "	69	4' 6"	M
" "	74	6' 0"	F	" "	71	5' 11"	F	" "	70	6' 0"	M
" "	74	14' 0"	F	" "	71	6' 0"	F	" "	70	4' 6"	F
" "	75	4' 0"	F	" "	72	6' 4"	M	" "	70	4' 0"	F
" "	75	9' 0"	M	" "	72	7' 0"	M	" "	70	3' 8"	M
" "	75	9' 0"	F	" "	72	6' 0"	M	" "	70	3' 0"	M
" "	75	5' 0"	M	" "	72	14' 0"	F	" "	70	7' 0"	M
" "	75	3' 1"	F	" "	72	3' 0"	M	" "	70	5' 2"	M
" "	75	7' 0"	M	" "	73	5' 0"	M	" "	70	6' 0"	F
" "	75	8' 0"	M	" "	73	5' 0"	M	" "	70	13' 0"	F
" "	75	3' 0"	M	" "	73	7' 5"	F	" "	70	8' 0"	M
" "	75	6' 0"	M	" "	73	4' 0"	F	" "	71	7' 0"	M
" "	75	3' 6"	M	" "	73	3' 0"	F	" "	71	5' 0"	M
" "	75	7' 0"	F	" "	73	13' 0"	F	" "	71	9' 0"	F
" "	75	7' 0"	F	" "	74	8' 0"	F	" "	71	7' 0"	M
" "	76	10' 0"	M	" "	74	8' 1"	M	" "	71	2' 6"	M
" "	76	4' 0"	F	" "	74	5' 0"	F	" "	71	2' 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.	
14/1 54	71	8' 2"	F	15/1 54	69	2' 4"	F	16/1 54	67	5' 0"	M
" "	71	4' 1"	M	" "	69	5' 0"	M	" "	67	7' 3"	F
" "	72	9' 0"	M	" "	69	11' 8"	F	" "	67	8' 2"	F
" "	72	12' 0"	M	" "	69	6' 3"	F	" "	67	5' 7"	M
" "	72	9' 0"	F	" "	70	6' 0"	F	" "	67	7' 9"	F
" "	72	2' 0"	M	" "	70	6' 10"	F	" "	68	8' 0"	M
" "	72	11' 0"	F	" "	70	3' 0"	M	" "	68	10' 0"	M
" "	72	8' 0"	F	" "	70	7' 3"	F	" "	68	8' 0"	F
" "	72	3' 0"	F	" "	70	1' 10"	F	" "	69	1' 6"	M
" "	72	8' 0"	M	" "	70	9' 3"	F	" "	69	4' 0"	M
" "	72	4' 0"	F	" "	70	9' 0"	F	" "	69	4' 5"	M
" "	72	8' 0"	F	" "	70	4' 6"	F	" "	69	2' 5"	F
" "	72	12' 0"	F	" "	70	5' 5"	F	" "	69	4' 9"	M
" "	73	8' 0"	F	" "	70	7' 7"	F	" "	69	7' 11"	M
" "	73	9' 0"	F	" "	70	5' 11"	F	" "	70	5' 0"	F
" "	73	11' 0"	M	" "	70	5' 1"	M	" "	70	9' 0"	M
" "	73	3' 0"	F	" "	70	2' 0"	M	" "	70	10' 0"	M
" "	73	8' 0"	F	" "	71	3' 0"	F	" "	70	7' 6"	F
" "	74	11' 0"	F	" "	71	5' 0"	F	" "	70	6' 0"	F
" "	74	8' 0"	F	" "	71	5' 6"	M	" "	70	6' 6"	M
" "	74	4' 0"	F	" "	71	6' 5"	M	" "	70	4' 2"	M
" "	74	3' 0"	M	" "	71	5' 10"	F	" "	70	6' 0"	F
" "	74	9' 0"	M	" "	71	10' 0"	M	" "	71	7' 0"	F
" "	74	3' 0"	M	" "	72	3' 0"	F	" "	71	7' 0"	F
" "	74	9' 6"	F	" "	72	12' 0"	M	" "	71	5' 0"	F
" "	74	12' 0"	F	" "	72	2' 6"	M	" "	71	8' 9"	F
" "	74	10' 0"	F	" "	72	14' 0"	M	" "	71	6' 1"	M
" "	75	10' 0"	M	" "	72	5' 0"	M	" "	71	8' 0"	F
" "	75	8' 0"	F	" "	72	8' 0"	M	" "	71	9' 0"	M
" "	75	8' 0"	M	" "	72	8' 6"	M	" "	72	9' 0"	F
" "	75	8' 5"	F	" "	72	7' 2"	F	" "	72	6' 0"	M
" "	75	11' 0"	M	" "	72	7' 0"	F	" "	72	3' 0"	M
" "	75	7' 0"	F	" "	72	6' 0"	F	" "	72	2' 0"	M
" "	75	10' 0"	M	" "	72	5' 0"	M	" "	72	9' 0"	M
" "	75	8' 0"	M	" "	73	7' 0"	M	" "	72	5' 8"	F
" "	76	3' 6"	F	" "	73	6' 4"	F	" "	72	0' 7"	F
" "	76	10' 0"	M	" "	73	11' 2"	M	" "	72	5' 3"	M
" "	76	9' 0"	M	" "	73	2' 0"	M	" "	72	5' 8"	F
" "	77	4' 0"	F	" "	73	9' 0"	M	" "	72	7' 3"	F
" "	78	1' 0"	M	" "	73	1' 0"	M	" "	72	4' 0"	M
" "	78	8' 0"	M	" "	74	5' 0"	M	" "	72	7' 0"	M
" "	79	8' 0"	M	" "	74	7' 0"	F	" "	73	8' 0"	M
" "	80	11' 0"	M	" "	75	2' 0"	F	" "	73	5' 0"	F
" "	81	3' 0"	M	" "	75	8' 0"	M	" "	73	5' 0"	F
" "	81	9' 0"	M	" "	75	6' 0"	M	" "	73	8' 0"	F
15/1 "	64	5' 0"	M	" "	75	6' 5"	M	" "	73	7' 0"	F
" "	64	5' 0"	M	" "	75	3' 0"	M	" "	73	7' 9"	F
" "	66	3' 0"	M	" "	76	9' 5"	F	" "	74	5' 9"	M
" "	66	6' 0"	F	" "	76	4' 0"	F	" "	74	7' 0"	F
" "	66	3' 11"	F	" "	76	6' 0"	M	" "	74	10' 0"	F
" "	67	5' 7"	F	" "	76	10' 0"	M	" "	74	12' 0"	M
" "	67	5' 8"	M	" "	78	7' 0"	M	" "	74	9' 10"	F
" "	67	7' 0"	M	16/1 "	63	4' 9"	M	" "	74	12' 0"	F
" "	68	4' 0"	M	" "	64	6' 1"	M	" "	75	3' 0"	F
" "	68	3' 0"	M	" "	65	1' 6"	M	" "	75	8' 0"	M
" "	68	5' 4"	F	" "	66	6' 0"	F	" "	75	7' 4"	F
" "	68	4' 3"	M	" "	66	7' 4"	M	" "	75	1' 0"	M
" "	69	4' 0"	M	" "	66	5' 7"	M	" "	75	6' 0"	M

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.	
16/1 54	75	3'0"	F	18/1 54	69	10'0"	F	19/1 54	65	3'0"	F
" "	76	5'0"	M	" "	69	7'6"	F	" "	65	6'0"	M
" "	76	5'1"	F	" "	69	3'7"	F	" "	65	5'0"	M
" "	77	7'0"	F	" "	69	3'4"	F	" "	66	2'0"	F
" "	77	3'10"	F	" "	69	10'1"	F	" "	66	3'0"	M
" "	79	9'0"	F	" "	69	5'0"	M	" "	66	2'0"	F
17/1	63	3'0"	M	" "	69	8'0"	M	" "	66	3'0"	F
" "	64	4'4"	F	" "	70	8'0"	F	" "	66	5'6"	M
" "	65	4'0"	M	" "	70	7'0"	F	" "	66	2'0"	M
" "	66	7'0"	F	" "	70	7'0"	F	" "	67	8'8"	M
" "	66	5'1"	F	" "	70	6'9"	M	" "	68	7'0"	M
" "	67	0'9"	M	" "	70	7'0"	F	" "	68	2'0"	F
" "	68	6'0"	F	" "	70	6'11"	M	" "	68	4'0"	M
" "	68	5'0"	F	" "	70	5'11"	M	" "	68	7'2"	M
" "	68	10'7"	M	" "	71	10'0"	F	" "	69	4'0"	F
" "	68	11'3"	M	" "	71	8'0"	F	" "	69	5'0"	F
" "	68	10'6"	M	" "	71	5'6"	F	" "	69	4'0"	M
" "	69	13'0"	M	" "	71	5'0"	M	" "	69	9'9"	F
" "	69	5'10"	F	" "	71	6'0"	F	" "	69	6'0"	F
" "	69	2'6"	F	" "	71	6'9"	M	" "	70	6'0"	F
" "	69	5'11"	M	" "	71	4'8"	M	" "	70	6'0"	M
" "	70	7'7"	M	" "	72	5'0"	F	" "	70	4'0"	M
" "	70	4'9"	F	" "	72	10'6"	F	" "	70	9'6"	M
" "	70	2'0"	M	" "	72	4'6"	M	" "	70	4'0"	M
" "	70	1'0"	F	" "	72	10'0"	F	" "	70	8'0"	M
" "	70	7'0"	M	" "	72	9'0"	M	" "	70	9'0"	M
" "	71	7'0"	F	" "	73	7'0"	F	" "	71	7'0"	M
" "	71	10'0"	M	" "	73	4'8"	M	" "	71	3'0"	F
" "	71	9'0"	F	" "	73	9'0"	F	" "	71	7'0"	F
" "	71	7'7"	M	" "	73	6'0"	M	" "	71	7'0"	F
" "	71	7'1"	F	" "	73	10'0"	F	" "	71	12'0"	M
" "	72	9'0"	M	" "	73	7'3"	F	" "	71	6'0"	F
" "	72	4'0"	M	" "	73	7'0"	F	" "	71	6'6"	M
" "	72	6'9"	M	" "	73	3'0"	M	" "	71	4'7"	F
" "	72	9'0"	M	" "	73	5'7"	F	" "	71	6'3"	M
" "	72	5'2"	F	" "	73	5'8"	F	" "	72	1'6"	F
" "	72	7'10"	F	" "	74	5'0"	M	" "	72	10'0"	F
" "	74	5'9"	F	" "	74	8'6"	F	" "	72	11'0"	F
" "	74	9'0"	M	" "	74	6'0"	M	" "	72	6'0"	F
" "	75	10'6"	F	" "	74	4'0"	M	" "	72	6'0"	M
" "	75	2'0"	M	" "	74	4'0"	F	" "	72	9'5"	F
" "	76	15'2"	M	" "	74	6'0"	M	" "	72	6'0"	F
" "	76	10'0"	F	" "	74	9'11"	M	" "	72	5'3"	M
" "	76	5'9"	F	" "	74	3'0"	F	" "	73	5'0"	F
" "	77	10'0"	F	" "	74	10'0"	M	" "	73	8'0"	F
18/1	65	4'0"	M	" "	74	5'0"	M	" "	73	10'6"	M
" "	66	10'0"	F	" "	74	14'0"	M	" "	73	5'9"	F
" "	66	7'0"	M	" "	74	2'0"	M	" "	73	6'7"	F
" "	66	2'0"	F	" "	75	8'0"	F	" "	74	8'0"	F
" "	66	4'9"	M	" "	75	11'0"	M	" "	74	9'0"	M
" "	67	3'4"	F	" "	75	1'6"	M	" "	74	2'0"	M
" "	67	7'0"	F	" "	75	5'0"	F	" "	74	3'0"	M
" "	68	7'0"	F	" "	76	6'9"	F	" "	74	12'0"	M
" "	68	2'0"	F	" "	76	4'0"	F	" "	74	12'0"	M
" "	68	2'0"	F	" "	78	6'1"	F	" "	74	5'0"	M
" "	68	5'7"	F	" "	79	10'0"	F	" "	74	6'0"	M
" "	68	7'10"	M	" "	80	4'6"	F	" "	74	7'0"	F
" "	69	2'0"	M	" "	80	10'0"	M	" "	74	1'6"	M

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.	
19/1 54	75	10'0"	F	20/1 54	75	5'0"	F	21/1 54	76	3'0"	F
" "	75	12'0"	M	" "	75	6'0"	F	" "	76	3'0"	M
" "	75	5'0"	M	" "	76	9'0"	F	" "	76	6'6"	F
" "	75	11'0"	M	" "	76	8'0"	F	" "	76	2'0"	M
" "	75	7'0"	M	" "	76	8'0"	M	" "	77	6'0"	F
" "	75	6'0"	F	" "	76	6'0"	F	" "	78	6'0"	F
" "	75	3'0"	M	" "	76	6'0"	F	" "	79	11'0"	F
" "	75	12'0"	F	" "	76	12'0"	M	" "	79	9'0"	M
" "	75	7'0"	F	" "	78	8'0"	F	" "	79	8'0"	M
" "	75	4'0"	F	21/1 "	67	5'0"	F	22/1 "	66	9'0"	M
" "	75	6'0"	F	" "	68	5'0"	M	" "	67	5'0"	M
" "	75	11'0"	M	" "	68	3'0"	M	" "	68	6'5"	M
" "	75	5'0"	M	" "	68	4'0"	F	" "	68	5'1"	M
" "	76	5'11"	M	" "	68	5'7"	F	" "	68	6'7"	F
" "	76	7'0"	F	" "	69	4'0"	F	" "	69	5'0"	F
" "	77	7'0"	F	" "	69	6'1"	M	" "	69	13'0"	F
" "	77	6'0"	F	" "	69	6'1"	F	" "	69	9'10"	F
" "	77	5'6"	M	" "	69	8'0"	M	" "	69	9'0"	F
" "	77	4'0"	F	" "	70	8'0"	M	" "	69	8'1"	F
" "	77	4'0"	M	" "	70	7'0"	M	" "	70	4'0"	F
" "	78	3'0"	M	" "	70	8'0"	M	" "	70	9'10"	F
" "	78	5'0"	F	" "	70	10'0"	M	" "	70	10'0"	F
" "	79	5'0"	F	" "	70	2'6"	F	" "	70	6'0"	F
26/1 "	62	4'0"	M	" "	70	2'9"	M	" "	70	5'3"	M
" "	63	5'0"	F	" "	70	8'0"	F	" "	70	6'3"	M
" "	66	8'0"	F	" "	70	9'0"	M	" "	71	3'0"	M
" "	66	4'0"	M	" "	71	7'0"	M	" "	71	5'0"	M
" "	66	3'0"	M	" "	71	8'0"	F	" "	71	2'0"	M
" "	68	7'8"	F	" "	71	7'0"	M	" "	71	2'0"	M
" "	68	5'0"	M	" "	71	5'0"	F	" "	72	4'0"	M
" "	69	6'0"	F	" "	71	4'0"	M	" "	72	7'8"	M
" "	69	12'0"	M	" "	71	7'0"	M	" "	72	6'1"	F
" "	69	8'0"	F	" "	71	9'0"	M	" "	73	10'0"	M
" "	69	2'0"	M	" "	71	3'0"	M	" "	73	6'11"	M
" "	69	6'8"	F	" "	71	7'6"	M	" "	73	6'9"	M
" "	70	8'0"	F	" "	71	9'0"	F	" "	73	5'6"	M
" "	70	7'6"	F	" "	71	9'0"	M	" "	73	6'3"	F
" "	70	5'3"	F	" "	72	11'0"	F	" "	73	5'0"	M
" "	71	9'0"	F	" "	72	7'0"	F	" "	73	5'0"	M
" "	71	2'0"	M	" "	72	1'6"	F	" "	74	10'0"	F
" "	71	10'2"	M	" "	72	6'0"	M	" "	74	7'0"	M
" "	71	8'0"	M	" "	72	8'0"	F	" "	74	8'0"	M
" "	71	10'0"	F	" "	72	1'0"	M	" "	74	7'0"	M
" "	71	3'0"	F	" "	72	5'0"	M	" "	74	6'0"	M
" "	71	4'0"	M	" "	72	2'0"	F	" "	74	12'0"	M
" "	72	5'0"	M	" "	72	9'5"	F	" "	74	8'0"	F
" "	72	6'4"	F	" "	72	1'1"	M	" "	75	6'0"	M
" "	72	4'0"	M	" "	72	7'7"	F	" "	75	3'0"	F
" "	73	8'0"	M	" "	72	5'7"	M	" "	76	7'0"	F
" "	73	8'0"	F	" "	72	5'0"	M	" "	76	6'0"	F
" "	73	7'0"	M	" "	73	4'0"	M	" "	77	8'0"	F
" "	73	5'0"	M	" "	73	14'2"	F	23/1 "	64	7'0"	M
" "	73	12'0"	F	" "	73	5'0"	M	" "	66	7'9"	M
" "	74	5'0"	M	" "	74	2'0"	M	" "	67	5'7"	F
" "	74	7'0"	F	" "	74	3'0"	F	" "	68	5'6"	M
" "	74	8'0"	F	" "	75	5'0"	F	" "	68	9'0"	F
" "	74	5'0"	F	" "	75	4'0"	F	" "	68	6'2"	M
" "	74	9'0"	M	" "	76	6'0"	F	" "	68	7'1"	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>23</sup> / <sub>1</sub> 54	69	9'0"	M	<sup>24</sup> / <sub>1</sub> 54	72	6'0"	F	<sup>25</sup> / <sub>1</sub> 54	72	8'0"	M
" "	69	4'10"	F	" "	72	{10'6"	F	" "	72	3'0"	M
" "	70	9'5"	M	" "	" "	{10'9"	M	" "	72	4'0"	M
" "	70	13'0"	F	" "	73	6'7"	F	" "	72	7'10"	F
" "	71	9'0"	F	" "	73	10'3"	F	" "	72	8'9"	M
" "	71	5'0"	M	" "	73	12'8"	M	" "	72	9'6"	M
" "	71	8'0"	F	" "	73	7'4"	M	" "	73	12'0"	F
" "	71	8'0"	F	" "	73	11'3"	M	" "	73	11'0"	M
" "	71	5'0"	F	" "	74	7'0"	F	" "	73	7'0"	F
" "	71	10'0"	F	" "	74	8'0"	M	" "	73	11'0"	M
" "	71	8'0"	M	" "	74	7'0"	F	" "	73	10'0"	F
" "	71	9'9"	F	" "	74	{7'0"	F	" "	73	4'0"	M
" "	71	7'0"	F	" "	74	{7'0"	M	" "	73	6'5"	M
" "	72	12'0"	F	" "	75	7'11"	F	" "	73	9'0"	M
" "	72	10'6"	F	" "	75	8'0"	M	" "	74	14'0"	M
" "	72	11'0"	F	" "	76	5'0"	M	" "	74	13'4"	M
" "	72	12'0"	F	" "	76	5'0"	F	" "	74	13'0"	M
" "	72	9'1"	F	" "	76	5'0"	M	" "	75	12'0"	M
" "	72	8'5"	M	" "	" "	" "	" "	" "	75	7'0"	M
" "	72	11'3"	M	<sup>25</sup> / <sub>1</sub> "	64	6'0"	F	" "	75	4'0"	F
" "	72	10'0"	F	" "	64	4'0"	M	" "	76	11'0"	M
" "	73	8'0"	M	" "	64	5'0"	M	" "	76	6'9"	F
" "	73	8'0"	M	" "	65	5'0"	M	" "	76	7'0"	M
" "	73	1'6"	M	" "	65	6'0"	M	" "	76	4'0"	F
" "	74	6'0"	M	" "	65	5'0"	M	<sup>26</sup> / <sub>1</sub> "	64	9'0"	F
" "	74	8'0"	F	" "	65	7'0"	M	" "	65	5'0"	F
" "	74	3'0"	M	" "	66	6'0"	M	" "	68	3'0"	F
" "	74	8'0"	F	" "	66	5'0"	F	" "	68	2'0"	F
" "	74	7'0"	F	" "	66	7'7"	M	" "	68	7'9"	M
" "	75	11'0"	M	" "	66	2'2"	F	" "	68	2'9"	F
" "	76	8'6"	F	" "	67	8'0"	F	" "	68	11'7"	F
" "	76	5'0"	F	" "	67	6'0"	F	" "	68	10'10"	F
" "	76	12'0"	F	" "	68	12'0"	F	" "	68	1'7"	F
" "	77	10'0"	F	" "	68	6'0"	F	" "	69	4'0"	F
" "	77	{6'0"	F	" "	68	8'0"	M	" "	69	9'0"	F
" "	77	{6'0"	M	" "	68	7'0"	F	" "	69	7'9"	F
" "	77	{8'9"	M	" "	68	8'0"	M	" "	69	6'2"	F
" "	77	{8'0"	F	" "	69	14'0"	F	" "	69	5'2"	M
" "	78	8'0"	M	" "	69	9'4"	M	" "	70	2'0"	M
<sup>24</sup> / <sub>1</sub> "	64	3'3"	M	" "	69	6'6"	M	" "	70	6'0"	M
" "	68	10'2"	F	" "	69	7'0"	F	" "	70	8'0"	M
" "	68	5'0"	F	" "	69	8'0"	M	" "	70	3'0"	M
" "	69	12'9"	F	" "	70	2'0"	M	" "	71	9'0"	F
" "	69	9'11"	F	" "	70	4'7"	F	" "	71	6'6"	F
" "	69	4'5"	F	" "	70	6'0"	M	" "	71	7'10"	M
" "	71	9'0"	F	" "	70	7'0"	M	" "	71	12'0"	M
" "	71	4'0"	M	" "	70	4'0"	M	" "	71	7'8"	M
" "	71	5'5"	F	" "	70	7'0"	F	" "	71	5'5"	M
" "	71	2'7"	F	" "	70	5'5"	F	" "	71	{6'0"	M
" "	71	8'8"	F	" "	70	4'0"	M	" "	71	{6'0"	M
" "	71	9'2"	F	" "	71	6'0"	F	" "	72	7'0"	F
" "	72	12'0"	F	" "	71	11'0"	M	" "	72	11'0"	M
" "	72	8'0"	M	" "	71	10'2"	M	" "	72	4'0"	M
" "	72	8'0"	F	" "	71	11'1"	F	" "	73	6'0"	F
" "	72	9'7"	M	" "	71	4'6"	M	" "	73	10'0"	F
" "	72	1'6"	F	" "	71	6'0"	F	" "	73	10'7"	F
" "	72	8'3"	F	" "	72	5'0"	F	" "	73	10'0"	M
" "	72	5'11"	M	" "	72	6'0"	M	" "	73	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.	
26/1 54	73	7' 2"	M	27/1 54	72	3' 0"	F	28/1 54	73	9' 0"	F
" "	73	{ 9' 3"	M	" "	72	6' 0"	M	" "	73	4' 0"	M
" "	74	{ 9' 4"	M	" "	72	8' 0"	F	" "	73	7' 0"	M
" "	74	6' 0"	M	" "	73	11' 0"	F	" "	73	5' 0"	M
" "	74	5' 0"	F	" "	73	10' 0"	M	" "	73	4' 0"	M
" "	75	8' 0"	F	" "	73	12' 0"	F	" "	73	9' 0"	F
" "	75	1' 0"	M	" "	73	4' 0"	F	" "	74	5' 0"	M
" "	75	6' 4"	F	" "	73	4' 0"	F	" "	74	11' 0"	M
" "	75	12' 0"	M	" "	74	4' 0"	F	" "	74	2' 6"	M
" "	75	9' 0"	M	" "	74	3' 0"	F	" "	74	11' 0"	M
" "	75	8' 0"	F	" "	74	8' 0"	M	" "	74	5' 0"	F
" "	76	{ 6' 9"	F	" "	74	4' 6"	M	" "	74	15' 0"	F
" "	77	{ 6' 5"	F	" "	74	6' 0"	M	" "	74	12' 0"	M
" "	77	15' 0"	M	" "	75	10' 0"	M	" "	75	11' 0"	M
" "	77	14' 0"	F	" "	75	10' 0"	F	" "	75	3' 0"	M
" "	77	{ 7' 0"	F	" "	75	12' 0"	F	" "	75	10' 0"	M
" "	77	{ 10' 0"	M	" "	76	5' 0"	M	" "	75	4' 0"	F
27/1 "	64	4' 0"	F	" "	76	2' 0"	F	" "	75	8' 0"	F
" "	64	5' 0"	F	" "	76	6' 0"	M	" "	75	6' 0"	F
" "	66	6' 0"	F	" "	77	6' 0"	M	" "	75	4' 0"	M
" "	66	6' 0"	F	" "	77	13' 0"	M	" "	76	6' 0"	M
" "	66	7' 6"	M	28/1 "	65	5' 0"	M	" "	76	9' 0"	F
" "	67	7' 0"	F	" "	66	2' 0"	M	" "	76	6' 0"	M
" "	67	5' 0"	M	" "	67	4' 6"	F	" "	77	6' 0"	M
" "	67	5' 0"	F	" "	67	5' 0"	M	" "	77	6' 0"	M
" "	67	6' 0"	M	" "	67	11' 0"	M	" "	79	7' 0"	M
" "	67	8' 0"	M	" "	68	2' 0"	F	" "	81	9' 0"	M
" "	67	6' 0"	M	" "	68	10' 0"	F	29/1 "	64	3' 0"	M
" "	67	5' 10"	F	" "	69	10' 0"	F	" "	64	4' 0"	M
" "	68	4' 0"	M	" "	69	5' 0"	F	" "	64	4' 0"	M
" "	68	9' 0"	F	" "	69	4' 0"	F	" "	65	5' 0"	M
" "	68	4' 0"	F	" "	69	5' 9"	F	" "	65	6' 0"	F
" "	68	6' 1"	M	" "	69	6' 4"	M	" "	66	7' 0"	F
" "	69	11' 0"	M	" "	69	1' 0"	M	" "	66	7' 0"	F
" "	69	8' 0"	M	" "	70	9' 0"	M	" "	67	8' 0"	F
" "	69	1' 6"	M	" "	70	4' 0"	M	" "	67	7' 4"	M
" "	70	6' 0"	M	" "	70	8' 0"	M	" "	67	6' 5"	F
" "	70	9' 0"	F	" "	70	2' 0"	M	" "	68	4' 0"	F
" "	70	7' 0"	F	" "	71	2' 0"	M	" "	68	6' 0"	F
" "	70	2' 0"	F	" "	71	12' 0"	M	" "	68	11' 0"	M
" "	70	15' 0"	M	" "	71	5' 0"	M	" "	68	11' 3"	M
" "	70	7' 0"	F	" "	71	5' 0"	F	" "	69	7' 0"	M
" "	70	10' 11"	M	" "	71	2' 6"	M	" "	69	2' 0"	M
" "	70	6' 6"	M	" "	71	14' 0"	F	" "	69	7' 0"	F
" "	70	7' 0"	F	" "	71	8' 6"	F	" "	69	2' 6"	M
" "	71	6' 0"	F	" "	71	6' 6"	M	" "	69	7' 0"	M
" "	71	8' 0"	F	" "	71	12' 0"	M	" "	69	13' 4"	F
" "	71	4' 0"	M	" "	71	6' 1"	F	" "	69	4' 5"	M
" "	71	9' 0"	F	" "	71	6' 11"	F	" "	69	8' 0"	M
" "	71	5' 0"	M	" "	72	5' 0"	F	" "	70	2' 0"	M
" "	71	8' 0"	F	" "	72	6, 11"	M	" "	70	10' 0"	M
" "	71	5' 0"	F	" "	72	8' 0"	F	" "	70	2' 10"	M
" "	71	10' 0"	F	" "	72	7' 0"	F	" "	70	9' 0"	F
" "	71	6' 3"	F	" "	73	9' 0"	M	" "	70	7' 0"	F
" "	72	9' 0"	M	" "	73	12' 0"	M	" "	70	6' 6"	F
" "	72	10' 0"	M	" "	73	10' 0"	M	" "	70	6' 4"	F
" "	72	10' 0"	F	" "	73	13' 0"	F	" "	70	5' 11"	M
" "	72	8' 0"	F	" "	73	12' 3"	F	" "	70	4' 9"	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>29</sup> / <sub>1</sub> 54	70	8' 0"	M	<sup>30</sup> / <sub>1</sub> 54	69	8' 0"	F	<sup>31</sup> / <sub>1</sub> 54	73	5' 0"	M
" "	71	10' 0"	F	" "	69	7' 5"	F	" "	73	11' 0"	F
" "	71	3' 0"	F	" "	69	14' 0"	F	" "	73	13' 0"	F
" "	71	6' 0"	M	" "	70	10' 0"	F	" "	73	14' 0"	F
" "	71	12' 0"	M	" "	70	5' 0"	M	" "	73	10' 0"	F
" "	71	3' 0"	M	" "	70	7' 0"	M	" "	73	11' 0"	F
" "	71	4' 0"	F	" "	70	8' 10"	F	" "	74	3' 0"	M
" "	71	9' 3"	F	" "	70	6' 2"	F	" "	74	14' 0"	M
" "	72	9' 0"	F	" "	70	8' 0"	M	" "	75	8' 0"	F
" "	72	11' 0"	M	" "	71	8' 0"	M	" "	75	9' 0"	F
" "	72	10' 0"	F	" "	71	11' 0"	M	" "	75	7' 1"	F
" "	72	8' 0"	F	" "	71	9' 11"	F	" "	76	9' 10"	F
" "	72	7' 0"	M	" "	72	5' 11"	M	" "	76	6' 10"	F
" "	72	9' 5"	F	" "	73	10' 2"	F	" "	79	15' 0"	M
" "	73	14' 0"	M	" "	73	8' 0"	F	" "	81	12' 0"	M
" "	73	6' 0"	F	" "	73	3' 6"	F	" "	81	8' 2"	F
" "	73	12' 0"	F	" "	73	15' 0"	F	<sup>1</sup> / <sub>2</sub> "	63	2' 0"	F
" "	73	12' 0"	M	" "	73	4' 0"	M	" "	64	4' 0"	M
" "	73	9' 0"	F	" "	73	9' 0"	M	" "	66	6' 0"	F
" "	73	8' 0"	M	" "	74	1' 6"	M	" "	67	5' 0"	F
" "	73	7' 2"	M	" "	74	10' 0"	F	" "	67	3' 0"	M
" "	73	7' 1"	M	" "	75	7' 0"	M	" "	67	7' 0"	M
" "	73	7' 0"	M	" "	75	11' 0"	F	" "	67	10' 0"	F
" "	74	6' 11"	M	" "	76	9' 0"	F	" "	67	10' 7"	F
" "	74	8' 0"	F	" "	76	4' 0"	F	" "	67	6' 10"	M
" "	74	8' 0"	M	" "	76	4' 0"	F	" "	67	5' 8"	F
" "	74	6' 0"	M	" "	76	10' 0"	M	" "	67	3' 9"	F
" "	74	8' 0"	M	" "	77	8' 0"	M	" "	68	6' 0"	M
" "	74	10' 0"	M	" "	78	10' 0"	M	" "	68	12' 0"	F
" "	75	8' 0"	F	" "	79	9' 0"	M	" "	68	6' 0"	M
" "	75	14' 0"	M	<sup>31</sup> / <sub>1</sub> "	65	7' 4"	M	" "	68	9' 0"	F
" "	75	15' 0"	F	" "	65	6' 0"	M	" "	69	5' 9"	F
" "	75	6' 0"	M	" "	65	8' 0"	M	" "	69	3' 0"	M
" "	76	2' 0"	F	" "	66	4' 0"	F	" "	69	12' 9"	M
" "	76	5' 0"	M	" "	66	6' 2"	F	" "	69	3' 10"	M
" "	76	8' 0"	M	" "	67	5' 0"	F	" "	70	6' 0"	F
" "	76	4' 6"	F	" "	68	5' 0"	M	" "	70	8' 0"	M
" "	77	5' 0"	F	" "	68	12' 7"	M	" "	70	9' 2"	M
" "	78	8' 0"	M	" "	68	10' 0"	M	" "	70	9' 5"	M
" "	78	8' 6"	F	" "	69	13' 0"	F	" "	70	5' 3"	F
" "	78	7' 0"	F	" "	69	3' 0"	M	" "	70	3' 11"	M
" "	78	10' 0"	M	" "	70	5' 8"	F	" "	71	9' 0"	M
" "	80	12' 0"	M	" "	70	8' 0"	F	" "	71	3' 0"	F
<sup>30</sup> / <sub>1</sub> "	63	5' 0"	M	" "	70	6' 0"	M	" "	71	4' 0"	M
" "	65	7' 0"	F	" "	71	9' 0"	M	" "	71	3' 0"	M
" "	66	7' 0"	F	" "	71	5' 0"	F	" "	71	8' 0"	F
" "	66	6' 0"	M	" "	71	12' 0"	M	" "	71	7' 8"	M
" "	67	6' 0"	M	" "	71	5' 6"	M	" "	72	6' 0"	M
" "	67	6' 0"	F	" "	71	12' 0"	M	" "	72	7' 0"	F
" "	67	3' 0"	F	" "	71	6' 0"	F	" "	72	15' 0"	M
" "	67	2' 0"	M	" "	71	8' 4"	M	" "	72	8' 0"	M
" "	67	6' 0"	M	" "	71	6' 3"	M	" "	72	8' 0"	F
" "	68	3' 0"	M	" "	71	6' 0"	M	" "	72	11' 0"	F
" "	68	3' 10"	M	" "	71	14' 0"	F	" "	72	7' 0"	M
" "	68	11' 0"	M	" "	72	11' 0"	F	" "	72	6' 0"	M
" "	68	11' 0"	M	" "	72	11' 0"	M	" "	73	11' 0"	M
" "	68	7' 0"	M	" "	72	14' 0"	F	" "	73	3' 0"	M
" "	69	4' 0"	M	" "	72	10' 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.	
1/2 54	73	6' 0"	M	2/2 54	71	6' 4"	M	3/2 54	73	7' 0"	M
" "	73	1' 0"	M	" "	71	5' 3"	F	" "	73	5' 0"	F
" "	73	12' 0"	M	" "	71	12' 3"	M	" "	73	7' 0"	F
" "	73	11' 0"	F	" "	71	6' 3"	M	" "	74	12' 0"	M
" "	73	4' 0"	M	" "	71	1' 0"	M	" "	74	7' 0"	F
" "	73	8' 2"	F	" "	71	13' 0"	F	" "	74	10' 0"	M
" "	73	5' 4"	F	" "	72	3' 0"	F	" "	74	10' 2"	F
" "	73	9' 0"	M	" "	72	15' 0"	M	" "	74	11' 3"	F
" "	74	11' 0"	F	" "	72	12' 4"	M	" "	75	7' 0"	F
" "	74	9' 0"	F	" "	72	4' 0"	M	" "	75	5' 0"	M
" "	74	12' 0"	M	" "	72	6' 0"	F	" "	75	4' 0"	F
" "	74	4' 3"	F	" "	72	11' 0"	F	" "	75	9' 0"	F
" "	74	10' 0"	M	" "	72	12' 0"	M	" "	75	5' 0"	F
" "	74	8' 0"	F	" "	73	10' 0"	M	" "	76	12' 0"	M
" "	74	7' 0"	F	" "	73	11' 0"	F	" "	76	8' 0"	M
" "	75	11' 0"	M	" "	73	5' 0"	M	" "	77	10' 0"	M
" "	75	5' 0"	M	" "	73	8' 3"	M	" "	79	11' 0"	M
" "	75	13' 0"	F	" "	73	5' 11"	F	4/2 "	61	6' 0"	M
" "	75	10' 0"	M	" "	73	6' 0"	M	" "	63	7' 0"	M
" "	75	3' 0"	M	" "	73	14' 0"	F	" "	63	7' 4"	F
" "	75	6' 0"	F	" "	73	10' 0"	F	" "	63	2' 0"	M
" "	75	8' 0"	F	" "	74	8' 0"	F	" "	64	6' 6"	M
" "	75	5' 0"	M	" "	74	10' 0"	F	" "	65	1' 7"	M
" "	76	8' 0"	M	" "	74	6' 0"	M	" "	66	4' 0"	M
" "	76	5' 8"	F	" "	74	7' 0"	M	" "	66	5' 0"	F
" "	77	7' 0"	M	" "	74	8' 5"	M	" "	67	7' 0"	F
" "	77	12' 0"	M	" "	74	9' 3"	F	" "	68	5' 0"	M
" "	77	6' 0"	F	" "	75	5' 0"	M	" "	68	4' 0"	F
" "	77	10' 0"	F	" "	75	9' 0"	F	" "	69	3' 0"	M
" "	78	10' 0"	F	" "	75	12' 0"	F	" "	69	11' 0"	M
" "	78	1' 6"	F	" "	75	15' 0"	F	" "	69	8' 0"	M
" "	79	10' 0"	M	" "	76	12' 0"	M	" "	69	14' 2"	M
2/2 "	66	8' 0"	F	" "	76	10' 0"	M	" "	70	4' 0"	M
" "	66	2' 8"	F	" "	77	9' 0"	F	" "	70	8' 0"	F
" "	67	12' 0"	M	" "	77	12' 0"	M	" "	70	6' 0"	F
" "	67	5' 0"	F	3/2 "	64	6' 0"	M	" "	70	9' 8"	M
" "	67	6' 4"	M	" "	65	6' 7"	M	" "	71	4' 0"	M
" "	67	5' 10"	M	" "	66	8' 0"	F	" "	71	8' 0"	M
" "	68	3' 0"	M	" "	67	2' 0"	M	" "	71	10' 0"	M
" "	68	9' 8"	F	" "	69	10' 7"	F	" "	71	10' 0"	F
" "	69	2' 0"	F	" "	69	5' 10"	M	" "	71	11' 2"	F
" "	69	6' 1"	F	" "	69	4' 0"	F	" "	71	9' 5"	M
" "	69	8' 4"	M	" "	70	11' 0"	F	" "	71	6' 0"	M
" "	69	9' 5"	M	" "	70	12' 0"	M	" "	72	12' 0"	F
" "	69	6' 9"	F	" "	70	8' 0"	F	" "	72	8' 0"	F
" "	69	6' 0"	M	" "	70	9' 0"	M	" "	72	10' 0"	F
" "	69	7' 0"	F	" "	70	8' 0"	M	" "	72	12' 0"	F
" "	70	4' 0"	M	" "	70	12' 4"	F	" "	72	12' 0"	F
" "	70	11' 0"	M	" "	71	11' 0"	M	" "	72	4' 0"	M
" "	70	10' 0"	F	" "	71	9' 0"	M	" "	72	7' 0"	M
" "	70	9' 9"	F	" "	71	8' 0"	M	" "	72	7' 0"	M
" "	70	7' 2"	M	" "	71	6' 8"	F	" "	72	10' 0"	M
" "	70	13' 2"	F	" "	72	13' 0"	M	" "	73	12' 0"	M
" "	70	10' 2"	F	" "	72	6' 0"	F	" "	73	8' 0"	F
" "	70	7' 2"	F	" "	72	2' 0"	M	" "	73	9' 0"	M
" "	70	7' 0"	M	" "	72	6' 0"	F	" "	73	7' 0"	F
" "	70	7' 0"	F	" "	72	11' 0"	M	" "	73	5' 0"	M
" "	71	11' 3"	M	" "	73	4' 0"	M	" "	73	2' 6"	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.	
$\frac{4}{2}$ 54	73	6' 0"	M	$\frac{5}{2}$ 54	70	4' 0"	M	$\frac{6}{2}$ 54	68	6' 1"	F
" "	73	10' 0"	M	" "	70	9' 0"	F	" "	68	9' 4"	M
" "	73	10' 0"	F	" "	70	4' 9"	F	" "	69	2' 0"	F
" "	73	6' 0"	M	" "	70	5' 0"	M	" "	69	6' 0"	M
" "	74	10' 0"	M	" "	71	10' 0"	M	" "	69	11' 0"	M
" "	74	7' 0"	M	" "	71	3' 0"	F	" "	69	4' 0"	F
" "	74	4' 0"	F	" "	71	7' 0"	F	" "	69	8' 3"	F
" "	74	9' 0"	F	" "	71	8' 0"	M	" "	69	9' 9"	F
" "	74	13' 0"	M	" "	71	7' 8"	F	" "	69	7' 8"	F
" "	74	10' 0"	F	" "	72	6' 0"	M	" "	70	9' 0"	M
" "	74	10' 0"	M	" "	72	5' 0"	M	" "	70	14' 0"	F
" "	75	14' 0"	M	" "	72	6' 0"	F	" "	70	2' 0"	M
" "	75	12' 0"	F	" "	72	9' 1"	F	" "	70	2' 0"	F
" "	75	6' 0"	F	" "	72	6' 6"	F	" "	70	10' 0"	F
" "	75	4' 0"	M	" "	72	7' 2"	F	" "	70	3' 0"	F
" "	75	7' 0"	M	" "	72	14' 0"	M	" "	70	6' 0"	M
" "	75	8' 0"	F	" "	72	15' 0"	M	" "	70	8' 0"	M
" "	75	4' 9"	F	" "	73	12' 0"	F	" "	70	2' 6"	M
" "	75	10' 0"	M	" "	73	12' 0"	M	" "	70	2' 4"	F
" "	76	12' 0"	F	" "	73	7' 0"	F	" "	70	10' 9"	M
" "	76	5' 0"	F	" "	73	7' 9"	F	" "	70	3' 4"	M
" "	76	6' 0"	F	" "	74	3' 0"	M	" "	71	13' 0"	F
" "	77	8' 0"	F	" "	74	10' 0"	M	" "	71	14' 0"	M
" "	77	12' 0"	M	" "	74	1' 0"	M	" "	71	10' 0"	M
" "	77	7' 0"	F	" "	74	9' 0"	M	" "	71	9' 0"	M
" "	78	{ 10' 0"	M	" "	74	6' 0"	M	" "	71	6' 0"	F
" "		{ 11' 0"	F	" "	74	11' 0"	F	" "	71	3' 4"	M
" "	78	{ 10' 0"	M	" "	74	10' 4"	M	" "	71	11' 5"	F
" "		{ 11' 0"	F	" "	74	11' 4"	M	" "	71	4' 0"	M
" "	79	7' 0"	M	" "	75	5' 0"	F	" "	72	6' 6"	M
" "	80	13' 0"	M	" "	75	11' 0"	F	" "	72	9' 6"	M
$\frac{5}{2}$ "	60	8' 0"	F	" "	75	5' 0"	F	" "	72	2' 0"	F
" "	63	4' 0"	M	" "	75	8' 0"	F	" "	72	9' 0"	F
" "	63	{ 3' 0"	F	" "	75	11' 0"	F	" "	72	12' 7"	F
" "		{ 3' 0"	M	" "	75	11' 0"	F	" "	72	3' 8"	M
" "	64	10' 0"	F	" "	75	8' 4"	M	" "	73	5' 0"	F
" "	65	4' 0"	F	" "	76	11' 0"	F	" "	73	7' 0"	F
" "	66	6' 0"	F	" "	76	8' 0"	F	" "	73	8' 0"	M
" "	66	6' 0"	F	" "	76	6' 0"	M	" "	73	10' 0"	M
" "	66	9' 4"	M	" "	76	6' 4"	F	" "	73	3' 3"	M
" "	66	7' 0"	M	" "	79	11' 0"	M	" "	73	2' 0"	M
" "	67	5' 0"	M	$\frac{6}{2}$ "	62	6' 9"	F	" "	74	10' 0"	F
" "	67	6' 0"	F	" "	64	6' 0"	F	" "	74	4' 0"	M
" "	67	7' 0"	F	" "	65	5' 0"	F	" "	74	5' 0"	F
" "	68	3' 0"	F	" "	65	9' 7"	F	" "	74	8' 0"	M
" "	68	3' 0"	M	" "	65	9' 2"	F	" "	74	4' 0"	M
" "	68	6' 6"	M	" "	65	3' 6"	M	" "	74	8' 0"	F
" "	68	7' 8"	M	" "	66	11' 6"	F	" "	74	5' 0"	M
" "	68	6' 0"	M	" "	66	6' 0"	M	" "	75	11' 0"	F
" "	69	5' 0"	M	" "	67	8' 0"	F	" "	75	6' 0"	M
" "	69	9' 0"	M	" "	67	5' 0"	F	" "	75	7' 0"	F
" "	69	5' 0"	F	" "	67	5' 0"	F	" "	75	12' 0"	M
" "	69	9' 0"	M	" "	67	8' 11"	M	" "	75	12' 0"	M
" "	69	13' 1"	F	" "	67	9' 8"	M	" "	75	12' 0"	F
" "	70	7' 0"	F	" "	68	9' 0"	F	" "	75	1' 0"	F
" "	70	10' 0"	M	" "	68	7' 0"	F	" "	75	6' 0"	M
" "	70	5' 6"	M	" "	68	6' 10"	M	" "	75	8' 0"	M
" "	70	10' 0"	M	" "	68	15' 2"	F	" "	75	12' 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.	
7 <sup>1</sup> / <sub>2</sub> 54	76	10' 0"	M	7 <sup>1</sup> / <sub>2</sub> 54	73	11' 0"	M	8 <sup>1</sup> / <sub>2</sub> 54	78	13' 0"	F
7 <sup>1</sup> / <sub>2</sub> "	63	5' 0"	F	" "	73	5' 0"	F	" "	78	12' 0"	M
" "	64	3' 0"	F	" "	73	7' 0"	M	9 <sup>1</sup> / <sub>2</sub> "	64	6' 0"	F
" "	64	6' 0"	M	" "	73	11' 2"	M	" "	65	7' 0"	F
" "	65	5' 0"	F	" "	73	14' 0"	F	" "	65	6' 0"	F
" "	65	5' 0"	M	" "	73	5' 9"	F	" "	65	7' 0"	M
" "	66	5' 0"	M	" "	74	4' 0"	F	" "	65	8' 0"	F
" "	66	2' 2"	M	" "	74	4' 0"	F	" "	66	12' 0"	F
" "	66	6' 6"	F	" "	74	4' 0"	F	" "	66	7' 0"	M
" "	67	10' 0"	F	" "	74	10' 0"	F	" "	66	6' 0"	F
" "	67	7' 0"	F	" "	74	6' 0"	F	" "	66	3' 0"	F
" "	67	8' 0"	F	" "	74	5' 0"	M	" "	67	3' 7"	F
" "	67	10' 0"	F	" "	74	9' 0"	M	" "	68	2' 6"	M
" "	67	8' 3"	F	" "	74	5' 0"	M	" "	68	9' 0"	M
" "	67	7' 8"	M	" "	75	12' 3"	F	" "	68	4' 0"	M
" "	68	9' 0"	F	" "	75	2' 11"	M	" "	68	11' 0"	M
" "	68	7' 0"	M	" "	75	4' 11"	M	" "	68	10' 0"	M
" "	68	4' 0"	M	" "	75	3' 0"	F	" "	68	11' 0"	M
" "	69	4' 3"	F	" "	75	7' 0"	F	" "	69	7' 0"	M
" "	69	10' 0"	F	" "	76	4' 0"	M	" "	69	9' 6"	M
" "	69	8' 0"	F	" "	76	5' 0"	F	" "	69	13' 0"	M
" "	69	11' 11"	F	" "	78	10' 0"	F	" "	69	6' 0"	M
" "	69	{10' 0"	F	8 <sup>1</sup> / <sub>2</sub> "	67	8' 0"	M	" "	69	4' 0"	F
" "	69	{11' 0"	F	" "	67	12' 3"	F	" "	69	9' 0"	M
" "	70	9' 0"	F	" "	68	12' 0"	F	" "	69	10' 10"	F
" "	70	13' 0"	F	" "	68	7' 0"	F	" "	69	4' 4"	F
" "	70	9' 0"	M	" "	68	5' 3"	M	" "	69	5' 9"	M
" "	70	8' 0"	M	" "	68	6' 2"	M	" "	70	9' 0"	F
" "	70	11' 0"	F	" "	69	5' 0"	F	" "	70	5' 0"	F
" "	70	5' 0"	F	" "	69	10' 6"	M	" "	70	10' 0"	F
" "	70	3' 0"	F	" "	69	8' 5"	M	" "	70	10' 0"	F
" "	70	4' 0"	M	" "	69	11' 0"	M	" "	71	3' 0"	F
" "	70	5' 0"	F	" "	70	9' 0"	F	" "	71	14' 0"	M
" "	70	9' 0"	F	" "	70	4' 0"	F	" "	71	4' 0"	M
" "	70	8' 7"	M	" "	70	8' 0"	M	" "	72	5' 6"	M
" "	70	5' 11"	F	" "	71	8' 0"	M	" "	72	5' 0"	M
" "	70	13' 0"	F	" "	71	6' 0"	M	" "	72	10' 0"	M
" "	71	3' 0"	M	" "	71	6' 3"	M	" "	72	8' 0"	M
" "	71	4' 0"	F	" "	72	12' 0"	F	" "	72	6' 1"	F
" "	71	3' 0"	M	" "	72	10' 0"	M	" "	72	8' 0"	F
" "	71	6' 0"	M	" "	72	14' 0"	M	" "	73	7' 0"	F
" "	71	11' 3"	F	" "	72	2' 0"	M	" "	73	4' 0"	F
" "	71	9' 0"	F	" "	73	13' 0"	F	" "	73	13' 0"	F
" "	71	3' 9"	F	" "	73	4' 0"	M	" "	73	5' 0"	F
" "	71	5' 0"	M	" "	73	4' 0"	M	" "	73	10' 0"	M
" "	71	11' 0"	F	" "	73	13' 4"	F	" "	73	4' 0"	F
" "	71	3' 0"	F	" "	73	10' 0"	F	" "	73	11' 9"	M
" "	72	11' 0"	M	" "	73	16' 0"	F	" "	73	4' 6"	M
" "	72	2' 0"	M	" "	73	8' 0"	M	" "	73	{13' 0"	F
" "	72	4' 6"	F	" "	74	3' 7"	F	" "	73	{14' 6"	M
" "	72	13' 0"	F	" "	74	8' 0"	M	" "	74	8' 0"	F
" "	72	14' 8"	M	" "	74	4' 0"	F	" "	74	5' 0"	F
" "	72	7' 1"	M	" "	74	5' 0"	F	" "	74	12' 0"	M
" "	73	8' 0"	F	" "	74	5' 0"	M	" "	74	11' 0"	M
" "	73	6' 6"	F	" "	75	10' 0"	M	" "	74	8' 0"	F
" "	73	11' 9"	M	" "	76	9' 0"	F	" "	74	6' 0"	F
" "	73	11' 0"	M	" "	77	9' 0"	M	" "	74	5' 0"	M
" "	73	3' 0"	M	" "	77	11' 0"	M	" "	74	2' 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.	
$\frac{9}{2}$ 54	74	9'0"	M	$\frac{10}{2}$ 54	73	12'0"	M	$\frac{11}{2}$ 54	75	3'0"	M
" "	74	14'0"	M	" "	73	6'0"	M	" "	75	9'0"	F
" "	74	6'0"	M	" "	74	3'0"	M	" "	75	9'0"	M
" "	74	7'0"	M	" "	74	6'0"	M	" "	75	10'0"	M
" "	74	8'1"	F	" "	75	13'6"	M	" "	75	12'0"	F
" "	75	10'0"	F	" "	75	5'0"	M	" "	75	9'3"	M
" "	75	4'0"	F	" "	75	10'0"	M	" "	75	5'0"	M
" "	75	7'0"	M	" "	75	12'6"	M	" "	76	13'0"	M
" "	75	12'0"	F	" "	76	3'0"	M	" "	77	18'0"	M
" "	75	8'0"	M	" "	76	10'0"	M	" "	79	16'0"	F
" "	75	6'0"	F	" "	76	11'0"	M	$\frac{12}{2}$ "	62	2'0"	M
" "	75	12'0"	M	" "	76	7'6"	M	" "	64	5'0"	M
" "	75	6'0"	F	" "	76	11'11"	M	" "	65	5'0"	F
" "	75	8'0"	M	" "	76	{ 3'0"	F	" "	66	9'0"	M
" "	76	12'0"	F	" "	76	{ 3'0"	F	" "	66	6'9"	M
" "	76	4'0"	M	" "	77	11'0"	F	" "	66	4'0"	M
" "	77	5'0"	F	" "	77	6'0"	M	" "	67	3'0"	F
" "	77	9'0"	F	" "	78	5'6"	F	" "	67	7'0"	M
" "	77	9'0"	F	" "	78	16'4"	F	" "	68	3'0"	M
" "	77	1'0"	M	" "	79	15'0"	F	" "	68	5'0"	F
" "	80	8'0"	F	" "	79	1'6"	M	" "	68	11'2"	M
$\frac{10}{2}$ "	65	9'0"	M	$\frac{11}{2}$ "	62	5'0"	M	" "	69	7'0"	M
" "	65	7'6"	F	" "	66	9'5"	M	" "	70	13'0"	F
" "	65	7'11"	F	" "	66	10'5"	F	" "	70	2'0"	F
" "	65	8'8"	M	" "	67	2'0"	M	" "	70	4'8"	M
" "	66	4'0"	M	" "	67	4'0"	M	" "	71	10'0"	F
" "	67	9'0"	F	" "	68	12'0"	F	" "	71	9'0"	M
" "	68	11'0"	F	" "	68	5'1"	F	" "	71	8'0"	M
" "	68	6'0"	F	" "	68	5'9"	F	" "	71	6'0"	M
" "	68	7'0"	M	" "	69	6'0"	F	" "	71	14'0"	M
" "	68	4'0"	F	" "	69	10'1"	F	" "	71	13'4"	F
" "	69	9'0"	M	" "	69	6'11"	F	" "	72	6'0"	M
" "	70	5'0"	M	" "	69	4'9"	F	" "	72	10'0"	F
" "	70	10'0"	F	" "	70	6'0"	F	" "	73	1'0"	M
" "	70	8'0"	F	" "	70	10'0"	M	" "	73	12'0"	M
" "	70	2'6"	F	" "	70	6'0"	M	" "	73	9'0"	F
" "	70	13'4"	F	" "	70	6'8"	F	" "	74	7'8"	F
" "	70	12'4"	M	" "	70	12'5"	M	" "	74	9'0"	F
" "	70	9'2"	M	" "	70	9'8"	M	" "	74	13'0"	M
" "	70	6'6"	F	" "	70	11'10"	F	" "	74	13'0"	M
" "	71	10'0"	F	" "	70	{ 4'7"	M	" "	74	13'5"	M
" "	71	8'0"	F	" "	70	{ 4'10"	F	" "	74	5'5"	F
" "	71	2'0"	M	" "	71	4'1"	M	" "	74	9'0"	M
" "	71	7'0"	F	" "	71	10'0"	M	" "	75	2'0"	M
" "	71	4'10"	F	" "	71	6'8"	F	" "	76	9'0"	F
" "	71	5'9"	M	" "	71	5'3"	M	" "	78	8'0"	M
" "	72	12'0"	M	" "	72	7'0"	F	" "	79	9'0"	F
" "	72	12'0"	M	" "	72	10'0"	F	$\frac{13}{2}$ "	64	9'0"	F
" "	72	2'0"	F	" "	72	12'0"	F	" "	65	8'0"	F
" "	72	6'0"	F	" "	72	6'11"	F	" "	66	10'6"	F
" "	72	3'11"	M	" "	73	10'0"	M	" "	67	10'0"	M
" "	72	2'0"	F	" "	73	6'7"	F	" "	67	8'0"	F
" "	72	8'0"	M	" "	73	13'0"	F	" "	67	10'3"	F
" "	72	3'10"	M	" "	74	7'10"	F	" "	67	12'6"	F
" "	72	6'0"	M	" "	74	6'1"	F	" "	67	7'9"	M
" "	73	7'0"	F	" "	74	13'0"	M	" "	67	6'3"	F
" "	73	8'6"	F	" "	74	5'0"	F	" "	67	6'9"	F
" "	73	5'0"	M	" "	74	10'4"	M	" "	67	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.	
13 $\frac{1}{2}$ 54	68	7' 0"	M	14 $\frac{1}{2}$ 54	68	6' 8"	F	14 $\frac{1}{2}$ 54	74	12' 0"	F
" "	68	3' 6"	F	" "	68	4' 9"	F	" "	74	5' 0"	M
" "	68	8' 9"	F	" "	68	2' 0"	M	" "	75	9' 0"	F
" "	68	5' 9"	F	" "	68	7' 0"	M	" "	75	11' 0"	M
" "	69	4' 6"	F	" "	69	7' 0"	F	" "	75	9' 0"	F
" "	69	14' 0"	M	" "	69	6' 0"	F	" "	75	15' 0"	M
" "	69	8' 0"	M	" "	69	1' 0"	M	" "	75	3' 6"	M
" "	69	7' 5"	M	" "	69	7' 0"	M	" "	75	12' 0"	M
" "	69	6' 11"	F	" "	69	6' 2"	M	" "	75	14' 0"	M
" "	69	6' 11"	M	" "	69	7' 0"	M	" "	76	5' 0"	M
" "	70	13' 0"	F	" "	70	13' 0"	F	" "	76	14' 0"	F
" "	70	8' 0"	F	" "	70	6' 0"	M	" "	76	12' 0"	M
" "	70	3' 0"	F	" "	70	8' 0"	F	" "	77	13' 0"	M
" "	70	8' 0"	F	" "	70	11' 2"	F	" "	77	16' 0"	F
" "	70	5' 11"	F	" "	70	7' 4"	F	" "	78	3' 0"	M
" "	70	13' 2"	F	" "	71	4' 0"	F	" "	78	5' 6"	F
" "	70	11' 0"	M	" "	71	10' 0"	F	15 $\frac{1}{2}$ "	63	5' 0"	F
" "	71	2' 6"	M	" "	71	6' 0"	F	" "	65	6' 0"	M
" "	71	13' 0"	M	" "	71	13' 0"	F	" "	66	5' 0"	M
" "	71	12' 0"	M	" "	71	11' 0"	F	" "	67	3' 0"	F
" "	71	14' 0"	M	" "	71	2' 0"	M	" "	67	7' 0"	F
" "	71	11' 0"	M	" "	71	5' 0"	M	" "	67	12' 0"	F
" "	71	7' 3"	F	" "	71	5' 0"	M	" "	68	7' 0"	F
" "	71	13' 0"	F	" "	71	6' 0"	F	" "	68	6' 0"	F
" "	72	14' 0"	M	" "	71	8' 0"	M	" "	68	5' 0"	M
" "	72	13' 0"	M	" "	71	13' 0"	M	" "	68	8' 0"	M
" "	72	11' 0"	F	" "	71	5' 1"	F	" "	68	5' 0"	F
" "	72	13' 0"	M	" "	71	8' 0"	F	" "	68	5' 1"	F
" "	72	5' 0"	F	" "	72	11' 0"	F	" "	68	7' 0"	F
" "	72	10' 0"	M	" "	72	14' 0"	M	" "	69	9' 6"	F
" "	73	12' 0"	M	" "	72	12' 0"	M	" "	69	6' 0"	F
" "	73	14' 0"	F	" "	72	7' 0"	M	" "	69	8' 0"	M
" "	73	6' 0"	M	" "	72	11' 0"	F	" "	69	12' 0"	F
" "	73	10' 0"	F	" "	72	11' 0"	M	" "	69	10' 0"	F
" "	74	11' 0"	M	" "	72	6' 0"	F	" "	69	6' 10"	F
" "	74	13' 0"	M	" "	72	5' 0"	F	" "	69	10' 7"	M
" "	74	3' 0"	M	" "	72	5' 0"	F	" "	69	14' 7"	M
" "	74	14' 0"	F	" "	73	8' 0"	M	" "	69	14' 6"	M
" "	74	12' 0"	M	" "	73	10' 0"	F	" "	69	12' 10"	F
" "	74	15' 0"	M	" "	73	4' 0"	F	" "	69	6' 0"	F
" "	75	11' 0"	M	" "	73	14' 0"	F	" "	70	8' 0"	M
" "	75	13' 6"	F	" "	73	5' 0"	M	" "	70	4' 0"	F
" "	75	5' 0"	M	" "	73	6' 0"	M	" "	70	12' 0"	M
" "	75	8' 0"	M	" "	73	8' 0"	M	" "	70	8' 0"	M
" "	75	5' 0"	M	" "	73	10' 0"	F	" "	70	9' 0"	F
" "	75	7' 0"	F	" "	73	11' 0"	F	" "	70	7' 0"	M
" "	75	8' 0"	M	" "	73	8' 0"	F	" "	70	11' 9"	F
" "	76	13' 0"	F	" "	73	15' 0"	F	" "	70	13' 1"	M
" "	77	10' 0"	F	" "	73	13' 0"	F	" "	71	12' 0"	M
" "	77	5' 0"	M	" "	73	9' 2"	F	" "	71	9' 0"	F
14 $\frac{1}{2}$ "	63	5' 0"	M	" "	73	12' 0"	M	" "	71	9' 0"	F
" "	63	6' 9"	F	" "	73	9' 0"	M	" "	71	13' 0"	M
" "	63	6' 0"	M	" "	73	2' 6"	M	" "	71	6' 0"	M
" "	64	8' 0"	F	" "	74	14' 0"	M	" "	71	15' 0"	M
" "	65	6' 0"	F	" "	74	13' 0"	F	" "	71	9' 0"	M
" "	65	3' 0"	F	" "	74	13' 0"	F	" "	71	12' 6"	M
" "	68	4' 0"	M	" "	74	4' 0"	M	" "	72	8' 0"	M
" "				" "	74	12' 0"	M	" "	72	3' 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.	
15/2 54	72	13' 0"	M	16/2 54	67	7' 0"	M	16/2 54	74	5' 0"	M
" "	72	3' 0"	F	" "	67	6' 7"	M	" "	74	9' 0"	M
" "	72	13' 0"	F	" "	68	3' 0"	M	" "	74	13' 0"	F
" "	72	9' 0"	F	" "	68	6' 0"	M	" "	74	13' 0"	F
" "	72	13' 0"	M	" "	68	8' 0"	F	" "	75	13' 0"	M
" "	72	9' 0"	F	" "	68	6' 6"	F	" "	75	4' 0"	M
" "	72	13' 1"	F	" "	68	5' 0"	F	" "	75	7' 0"	M
" "	72	10' 5"	M	" "	68	9' 0"	F	" "	75	11' 0"	F
" "	72	10' 0"	M	" "	69	7' 0"	F	" "	75	3' 0"	F
" "	73	13' 0"	M	" "	69	5' 0"	M	" "	75	15' 0"	M
" "	73	13' 0"	F	" "	69	9' 3"	M	" "	75	12' 2"	M
" "	73	12' 0"	M	" "	69	14' 2"	F	" "	75	4' 0"	M
" "	73	15' 0"	F	" "	69	5' 6"	F	" "	76	13' 10"	M
" "	73	9' 0"	F	" "	69	6' 9"	M	" "	77	3' 0"	F
" "	73	8' 0"	F	" "	69	13' 0"	M	" "	77	10' 0"	M
" "	73	7' 0"	M	" "	70	7' 0"	M	" "	77	13' 0"	M
" "	73	10' 0"	M	" "	70	10' 0"	F	" "	80	3' 0"	F
" "	73	10' 0"	M	" "	70	7' 0"	M	17/2 "	63	4' 0"	M
" "	73	8' 0"	F	" "	70	6' 0"	F	" "	65	10' 0"	M
" "	74	10' 0"	M	" "	70	5' 0"	M	" "	66	10' 0"	M
" "	74	2' 0"	F	" "	70	7' 0"	F	" "	66	7' 0"	F
" "	74	13' 6"	F	" "	70	14' 10"	M	" "	66	4' 0"	M
" "	74	6' 0"	M	" "	70	12' 0"	F	" "	66	12' 8"	M
" "	74	7' 0"	M	" "	70	14' 0"	F	" "	66	7' 8"	F
" "	74	17' 0"	F	" "	71	9' 0"	F	" "	67	5' 0"	F
" "	74	10' 0"	M	" "	71	8' 0"	M	" "	67	10' 0"	M
" "	74	5' 0"	F	" "	71	6' 0"	M	" "	67	7' 1"	M
" "	74	12' 0"	M	" "	71	8' 0"	F	" "	67	9' 0"	F
" "	74	11' 6"	M	" "	71	13' 0"	M	" "	67	5' 0"	M
" "	75	14' 0"	F	" "	71	5' 10"	F	" "	67	9' 0"	F
" "	75	12' 0"	F	" "	72	9' 0"	F	" "	67	9' 0"	F
" "	75	7' 0"	F	" "	72	10' 0"	M	" "	68	5' 0"	M
" "	75	10' 0"	M	" "	72	12' 0"	M	" "	68	8' 0"	F
" "	75	12' 0"	M	" "	72	16' 0"	F	" "	68	8' 0"	M
" "	75	8' 0"	M	" "	72	4' 0"	F	" "	68	11' 0"	F
" "	75	4' 0"	F	" "	72	5' 0"	F	" "	69	6' 11"	M
" "	75	12' 0"	F	" "	72	9' 0"	F	" "	70	7' 6"	F
" "	75	10' 0"	M	" "	72	4' 0"	F	" "	70	14' 0"	F
" "	75	9' 0"	F	" "	72	3' 0"	F	" "	70	8' 0"	M
" "	76	8' 0"	F	" "	72	4' 0"	M	" "	70	5' 0"	M
" "	76	11' 0"	M	" "	72	4' 0"	M	" "	70	8' 0"	F
" "	76	12' 0"	M	" "	72	6' 0"	F	" "	70	6' 5"	M
" "	76	8' 0"	M	" "	72	8' 6"	F	" "	70	8' 10"	F
" "	76	10' 0"	M	" "	72	11' 10"	F	" "	71	4' 0"	M
" "	77	13' 0"	F	" "	72	10' 11"	M	" "	71	6' 0"	M
" "	77	3' 0"	M	" "	72	14' 5"	F	" "	71	11' 0"	M
" "	77	9' 8"	F	" "	72	6' 11"	M	" "	71	7' 0"	F
" "	78	10' 0"	M	" "	73	11' 0"	M	" "	71	10' 0"	F
16/2 "	65	7' 6"	F	" "	73	4' 0"	M	" "	71	4' 0"	F
" "	65	5' 8"	M	" "	73	6' 0"	M	" "	71	9' 0"	M
" "	66	7' 0"	F	" "	73	14' 0"	F	" "	71	6' 0"	F
" "	66	7' 0"	F	" "	73	11' 0"	F	" "	71	4' 0"	F
" "	66	9' 0"	F	" "	73	4' 9"	F	" "	71	11' 3"	F
" "	66	7' 5"	M	" "	73	13' 7"	F	" "	71	8' 9"	F
" "	66	9' 10"	M	" "	73	8' 3"	F	" "	72	10' 0"	F
" "	67	8' 0"	M	" "	73	7' 2"	M	" "	72	15' 0"	M
" "	67	7' 0"	F	" "	74	8' 0"	M	" "	72	13' 0"	F
" "	67	9' 9"	F	" "	74	14' 0"	F	" "	72	11' 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. in.			Engl. ft.	Engl. in.			Engl. ft.	Engl. in.	
17 <sup>2</sup> 54	72	10' 2"	M	18 <sup>2</sup> 54	72	10' 0"	M	20 <sup>2</sup> 54	67	8' 0"	F
" "	73	8' 0"	M	" "	72	4' 0"	M	" "	67	10' 0"	F
" "	73	6' 0"	M	" "	72	8' 0"	F	" "	67	7' 0"	M
" "	73	11' 0"	M	" "	72	10' 0"	F	" "	67	9' 0"	M
" "	73	11' 0"	M	" "	72	10' 9"	F	" "	67	4' 2"	F
" "	73	11' 0"	M	" "	73	7' 0"	M	" "	68	15' 0"	M
" "	73	5' 10"	F	" "	73	6' 0"	F	" "	68	4' 6"	M
" "	73	9' 3"	F	" "	73	6' 0"	F	" "	68	10' 4"	F
" "	73	12' 0"	F	" "	73	9' 0"	F	" "	68	12' 6"	F
" "	74	13' 0"	F	" "	73	7' 0"	F	" "	69	10' 0"	F
" "	74	6' 0"	F	" "	73	10' 6"	F	" "	69	7' 0"	M
" "	74	14' 0"	F	" "	73	12' 0"	F	" "	69	6' 0"	F
" "	74	13' 0"	F	" "	74	2' 0"	F	" "	69	8' 11"	F
" "	75	13' 0"	M	" "	74	9' 0"	M	" "	69	11' 4"	F
" "	75	7' 0"	F	" "	74	2' 0"	F	" "	70	8' 0"	F
" "	75	8' 0"	F	" "	74	5' 0"	M	" "	70	13' 0"	F
" "	75	7' 0"	F	" "	74	11' 0"	F	" "	70	11' 0"	M
" "	75	6' 0"	M	" "	75	9' 0"	M	" "	70	5' 0"	F
" "	76	6' 0"	F	" "	75	12' 0"	M	" "	70	3' 0"	M
" "	76	15' 0"	F	" "	75	12' 0"	F	" "	71	15' 0"	M
" "	76	5' 0"	M	" "	75	8' 0"	F	" "	71	9' 0"	F
" "	77	10' 0"	F	" "	75	8' 0"	F	" "	71	7' 6"	F
" "	80	7' 0"	M	" "	75	9' 6"	F	" "	71	12' 0"	F
" "	80	11' 6"	M	" "	77	12' 0"	M	" "	72	8' 0"	M
" "	81	5' 0"	F	" "	77	11' 0"	F	" "	72	8' 0"	M
18 <sup>2</sup> "	63	9' 0"	F	" "	77	4' 0"	M	" "	72	5' 0"	M
" "	64	7' 0"	M	" "	78	8' 0"	M	" "	72	11' 0"	M
" "	64	3' 0"	M	" "	80	12' 0"	M	" "	72	6' 0"	M
" "	64	6' 0"	F	19 <sup>2</sup> "	66	6' 0"	M	" "	72	17' 0"	F
" "	65	4' 0"	M	" "	68	6' 0"	M	" "	72	10' 0"	F
" "	65	9' 0"	M	" "	68	4' 0"	M	" "	72	13' 0"	F
" "	67	9' 0"	M	" "	69	7' 0"	F	" "	72	6' 6"	M
" "	67	9' 6"	F	" "	69	2' 6"	F	" "	73	13' 0"	M
" "	67	3' 0"	F	" "	69	5' 6"	F	" "	73	13' 7"	F
" "	68	6' 0"	F	" "	69	9' 10"	F	" "	74	17' 0"	F
" "	68	7' 0"	F	" "	70	5' 0"	F	" "	74	7' 0"	M
" "	68	10' 2"	M	" "	70	7' 1"	M	" "	74	9' 0"	F
" "	68	6' 7"	F	" "	71	16' 0"	F	" "	74	10' 0"	M
" "	68	7' 5"	F	" "	71	15' 6"	F	" "	74	5' 0"	F
" "	69	10' 0"	M	" "	71	5' 0"	F	" "	74	7' 0"	M
" "	69	5' 0"	M	" "	72	12' 0"	F	" "	74	10' 0"	F
" "	69	13' 0"	M	" "	72	3' 0"	M	" "	74	6' 0"	F
" "	69	4' 10"	F	" "	72	8' 0"	F	" "	75	12' 0"	F
" "	69	12' 4"	F	" "	72	12' 0"	M	" "	75	12' 0"	F
" "	69	8' 11"	M	" "	73	13' 0"	F	" "	75	5' 0"	F
" "	70	11' 0"	M	" "	73	7' 0"	F	" "	75	9' 0"	F
" "	70	7' 0"	F	" "	74	7' 0"	M	" "	75	16' 0"	M
" "	70	8' 0"	F	" "	74	14' 0"	F	" "	76	6' 0"	M
" "	70	8' 0"	M	" "	75	11' 0"	M	21 <sup>2</sup> "	63	7' 1"	M
" "	70	7' 0"	F	" "	76	9' 0"	M	" "	64	10' 0"	F
" "	70	6' 0"	F	" "	76	8' 9"	F	" "	64	5' 8"	M
" "	70	8' 0"	F	" "	77	14' 0"	M	" "	65	5' 0"	F
" "	70	5' 6"	F	" "	77	12' 0"	F	" "	65	9' 0"	M
" "	71	12' 0"	F	20 <sup>2</sup> "	65	5' 0"	M	" "	65	5' 0"	M
" "	71	4' 8"	F	" "	65	8' 0"	F	" "	66	7' 0"	M
" "	71	6' 1"	M	" "	66	10' 0"	F	" "	66	9' 0"	F
" "	71	5' 0"	M	" "	66	5' 1"	M	" "	66	9' 0"	F
" "	71	14' 0"	F	" "	66	4' 6"	M	" "	66	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.	
<sup>21</sup> / <sub>2</sub> 54	66	8'0"	F	<sup>21</sup> / <sub>2</sub> 54	74	7'0"	M	<sup>22</sup> / <sub>2</sub> 54	74	12'0"	M
" "	67	4'0"	M	" "	74	7'0"	F	" "	74	14'0"	M
" "	67	10'0"	M	" "	74	16'0"	F	" "	75	16'0"	F
" "	67	7'0"	F	" "	74	7'0"	F	" "	75	2'0"	F
" "	67	8'4"	M	" "	74	15'0"	M	" "	75	12'0"	F
" "	67	6'5"	M	" "	75	6'0"	M	" "	75	13'2"	F
" "	67	8'0"	F	" "	75	12'0"	F	" "	75	1'2"	M
" "	67	14'0"	F	" "	75	12'0"	M	" "	75	10'0"	F
" "	67	9'3"	F	" "	75	14'0"	F	" "	75	11'0"	M
" "	68	6'0"	F	" "	76	6'0"	M	" "	76	2'6"	M
" "	68	8'0"	M	" "	76	12'0"	M	" "	76	12'0"	F
" "	68	8'0"	F	" "	76	6'0"	M	" "	76	10'0"	F
" "	68	9'0"	F	<sup>22</sup> / <sub>2</sub> "	64	3'0"	F	" "	76	11'0"	F
" "	68	7'6"	M	" "	66	4'0"	M	" "	76	12'0"	F
" "	68	12'0"	F	" "	66	9'10"	M	" "	76	8'0"	F
" "	68	7'1"	F	" "	67	8'0"	F	" "	76	8'0"	M
" "	68	8'0"	F	" "	67	9'0"	M	" "	77	6'7"	F
" "	68	11'0"	M	" "	67	13'0"	M	" "	77	10'0"	M
" "	68	8'0"	M	" "	68	7'0"	M	" "	77	10'0"	M
" "	69	8'0"	F	" "	68	9'0"	F	" "	78	12'0"	F
" "	69	6'0"	M	" "	68	8'10"	F	<sup>23</sup> / <sub>2</sub> "	63	11'0"	F
" "	69	12'0"	M	" "	68	6'11"	M	" "	65	10'0"	F
" "	69	11'2"	M	" "	69	8'0"	M	" "	65	4'0"	M
" "	69	10'3"	F	" "	69	4'0"	M	" "	66	8'0"	F
" "	69	6'0"	M	" "	69	7'0"	M	" "	66	9'0"	M
" "	69	9'6"	M	" "	70	10'0"	M	" "	67	3'8"	M
" "	70	6'0"	F	" "	70	14'0"	M	" "	67	10'10"	F
" "	70	4'6"	F	" "	70	4'0"	F	" "	67	7'0"	M
" "	70	14'0"	F	" "	70	7'0"	M	" "	68	3'0"	F
" "	70	15'0"	F	" "	70	8'0"	F	" "	68	11'0"	F
" "	70	3'0"	F	" "	70	7'0"	M	" "	68	6'0"	M
" "	70	8'0"	F	" "	70	4'0"	F	" "	68	12'0"	M
" "	70	11'10"	F	" "	70	14'0"	F	" "	68	10'0"	M
" "	70	3'3"	M	" "	70	7'1"	M	" "	68	3'11"	M
" "	70	12'4"	F	" "	70	9'0"	F	" "	68	11'7"	F
" "	71	3'0"	F	" "	70	12'0"	F	" "	69	10'0"	F
" "	71	8'0"	M	" "	71	9'0"	F	" "	69	6'2"	F
" "	71	5'0"	M	" "	71	7'0"	F	" "	69	14'2"	M
" "	71	8'4"	F	" "	71	12'5"	F	" "	69	7'5"	M
" "	71	15'1"	F	" "	71	6'0"	M	" "	69	9'4"	F
" "	71	14'6"	M	" "	71	10'0"	M	" "	69	9'6"	F
" "	71	8'0"	M	" "	72	5'0"	M	" "	69	9'0"	M
" "	72	8'0"	F	" "	72	10'0"	F	" "	70	9'0"	F
" "	72	10'0"	F	" "	72	13'0"	M	" "	70	6'0"	F
" "	72	6'0"	M	" "	72	14'0"	F	" "	70	11'0"	M
" "	72	13'0"	M	" "	72	12'0"	F	" "	70	6'0"	F
" "	72	13'6"	F	" "	72	18'0"	F	" "	70	6'5"	M
" "	72	8'0"	F	" "	73	6'0"	M	" "	70	8'11"	F
" "	72	9'0"	M	" "	73	8'0"	M	" "	70	7'0"	F
" "	73	5'0"	F	" "	73	12'0"	F	" "	70	8'11"	M
" "	73	14'0"	M	" "	73	11'0"	M	" "	70	10'10"	F
" "	73	14'0"	M	" "	73	6'0"	F	" "	70	10'5"	M
" "	73	13'0"	M	" "	73	13'0"	F	" "	71	13'0"	M
" "	73	12'0"	M	" "	73	14'0"	M	" "	71	16'0"	F
" "	73	11'7"	M	" "	73	8'7"	F	" "	71	12'11"	M
" "	73	13'0"	M	" "	73	12'6"	F	" "	72	12'0"	M
" "	74	11'0"	M	" "	73	7'0"	F	" "	72	11'0"	F
" "	74	9'0"	F	" "	74	9'0"	F	" "	72	6'0"	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.	
23 2 54	72	7'0"	F	24 2 54	70	10'6"	F	25 2 54	70	3'0"	M
" "	72	5'0"	F	" "	70	8'7"	F	" "	70	13'0"	M
" "	73	5'0"	M	" "	71	13'0"	M	" "	70	8'0"	F
" "	73	6'0"	F	" "	71	10'0"	M	" "	70	2'2"	M
" "	73	10'0"	M	" "	71	7'0"	M	" "	70	10'2"	M
" "	73	11'0"	M	" "	71	15'0"	F	" "	70	5'2"	F
" "	73	14'0"	M	" "	71	14'5"	M	" "	70	11'1"	M
" "	73	10'0"	M	" "	71	15'2"	F	" "	70	8'8"	F
" "	73	10'0"	M	" "	71	7'1"	M	" "	70	9'5"	F
" "	73	12'0"	F	" "	71	12'8"	F	" "	71	13'0"	M
" "	73	11'0"	M	" "	71	6'3"	M	" "	71	11'0"	M
" "	73	12'0"	M	" "	71	16'0"	M	" "	71	8'0"	F
" "	73	6'0"	M	" "	72	13'0"	F	" "	71	6'0"	M
" "	73	6'0"	F	" "	72	11'0"	F	" "	71	8'10"	M
" "	73	15'0"	F	" "	72	8'0"	M	" "	72	6'0"	F
" "	74	7'11"	F	" "	72	6'0"	F	" "	72	9'0"	F
" "	74	6'11"	M	" "	72	5'5"	F	" "	72	9'4"	M
" "	74	11'0"	F	" "	72	9'8"	M	" "	72	8'10"	F
" "	74	15'0"	F	" "	72	15'0"	M	" "	73	9'0"	M
" "	74	16'0"	F	" "	73	10'0"	M	" "	73	9'11"	F
" "	74	3'0"	M	" "	73	8'0"	F	" "	73	8'0"	M
" "	75	8'0"	F	" "	73	14'6"	F	" "	74	16'0"	F
" "	75	13'0"	M	" "	73	14'7"	F	" "	75	11'0"	F
" "	75	5'0"	F	" "	73	12'0"	F	" "	75	9'6"	M
" "	75	12'0"	M	" "	73	9'4"	M	" "	75	12'11"	F
" "	75	6'11"	F	" "	73	13'0"	F	" "	77	3'0"	M
" "	76	6'0"	F	" "	73	5'0"	F	" "	77	8'6"	F
" "	76	17'0"	F	" "	74	12'0"	F	" "	77	8'3"	M
" "	76	7'0"	M	" "	74	12'0"	F	" "	78	5'0"	F
" "	77	16'0"	F	" "	74	15'0"	M	26 2	65	9'0"	F
" "	77	6'7"	F	" "	74	1'0"	M	" "	67	13'0"	M
" "	78	12'0"	M	" "	74	16'0"	F	" "	67	8'0"	F
" "	78	5'0"	M	" "	74	10'0"	F	" "	67	4'0"	F
" "	78	7'0"	M	" "	74	10'0"	M	" "	67	10'5"	M
24 2	63	8'2"	M	" "	75	13'0"	M	" "	68	11'0"	M
" "	64	8'3"	F	" "	75	5'0"	M	" "	68	3'7"	M
" "	65	4'0"	F	" "	75	4'11"	F	" "	69	14'0"	M
" "	65	5'0"	M	" "	75	9'9"	F	" "	69	9'0"	M
" "	65	4'0"	F	" "	75	5'0"	F	" "	69	7'9"	F
" "	66	9'4"	F	" "	75	9'0"	F	" "	69	8'8"	F
" "	66	6'3"	M	" "	76	14'0"	M	" "	70	10'0"	M
" "	67	12'0"	M	" "	76	16'0"	F	" "	71	10'0"	F
" "	67	12'3"	F	" "	76	12'0"	M	" "	71	13'0"	M
" "	67	12'2"	M	" "	76	18'0"	F	" "	71	12'4"	M
" "	68	8'0"	F	" "	77	9'9"	F	" "	71	9'5"	F
" "	68	10'0"	M	25 2	65	7'0"	F	" "	71	14'5"	F
" "	68	7'0"	F	" "	66	15'0"	M	" "	71	3'0"	F
" "	68	5'7"	F	" "	66	11'4"	M	" "	72	15'0"	M
" "	68	12'0"	F	" "	66	12'2"	F	" "	72	6'5"	F
" "	69	10'2"	F	" "	67	7'0"	M	" "	73	7'0"	F
" "	69	5'11"	F	" "	67	10'0"	F	" "	73	5'0"	M
" "	69	7'0"	F	" "	68	13'0"	M	" "	73	15'0"	M
" "	70	5'0"	F	" "	68	4'0"	M	" "	73	14'0"	F
" "	70	8'0"	M	" "	69	14'0"	M	" "	73	14'7"	M
" "	70	8'0"	M	" "	69	12'0"	F	" "	73	7'0"	M
" "	70	12'0"	M	" "	69	8'0"	M	" "	73	7'5"	M
" "	70	11'0"	M	" "	69	8'1"	F	" "	73	6'11"	F
" "	70	5'8"	M	" "	70	14'0"	M	" "	73	10'6"	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.	
$26\frac{1}{2}$ 54	73	9' 4"	M	$27\frac{1}{2}$ 54	72	14' 9"	M	$28\frac{1}{2}$ 54	71	15' 0"	M
" "	74	9' 8"	F	" "	72	14' 9"	M	" "	71	9' 0"	M
" "	74	8' 9"	F	" "	73	13' 0"	M	" "	71	12' 0"	M
" "	74	13' 0"	M	" "	73	11' 0"	M	" "	71	6' 11"	M
" "	74	12' 0"	F	" "	73	5' 0"	F	" "	72	12' 0"	M
" "	75	8' 3"	M	" "	73	7' 0"	M	" "	72	13' 0"	M
" "	75	8' 0"	M	" "	73	10' 0"	M	" "	72	10' 0"	F
" "	75	15' 7"	F	" "	73	14' 0"	M	" "	72	15' 0"	M
" "	76	16' 0"	M	" "	73	11' 0"	F	" "	72	14' 6"	F
" "	76	13' 0"	M	" "	73	10' 6"	F	" "	72	11' 0"	F
" "	77	7' 0"	M	" "	73	15' 8"	F	" "	73	8' 0"	M
" "	77	15' 0"	F	" "	73	9' 7"	F	" "	73	13' 6"	F
" "	78	7' 6"	F	" "	73	10' 6"	M	" "	73	16' 0"	M
" "	78	7' 6"	F	" "	73	6' 11"	F	" "	73	9' 0"	F
" "	79	13' 0"	F	" "	74	14' 0"	F	" "	73	7' 0"	M
$27\frac{1}{2}$ "	64	1' 0"	F	" "	74	11' 0"	F	" "	73	10' 0"	F
" "	65	8' 0"	M	" "	74	10' 0"	M	" "	73	15' 0"	M
" "	65	5' 0"	M	" "	74	10' 0"	M	" "	73	15' 0"	M
" "	65	9' 0"	M	" "	74	13' 0"	F	" "	73	8' 11"	F
" "	65	9' 9"	F	" "	74	9' 0"	M	" "	74	7' 0"	F
" "	66	9' 2"	M	" "	74	12' 0"	F	" "	74	14' 0"	F
" "	67	10' 0"	M	" "	74	14' 1"	F	" "	74	3' 0"	M
" "	67	5' 0"	M	" "	75	14' 0"	M	" "	74	16' 0"	F
" "	67	11' 6"	M	" "	75	15' 0"	M	" "	75	9' 0"	M
" "	67	3' 0"	M	" "	75	13' 0"	F	" "	75	9' 0"	M
" "	68	7' 0"	F	" "	75	12' 0"	F	" "	75	8' 0"	F
" "	68	6' 0"	M	" "	75	8' 0"	M	" "	75	12' 0"	F
" "	68	9' 6"	F	" "	75	10' 0"	F	" "	76	17' 0"	M
" "	69	6' 0"	M	" "	75	12' 0"	M	" "	76	11' 0"	F
" "	69	13' 0"	F	" "	75	15' 0"	M	" "	76	12' 0"	F
" "	69	5' 0"	F	" "	76	9' 0"	M	" "	76	10' 0"	M
" "	69	12' 5"	M	" "	76	5' 0"	M	" "	76	15' 0"	F
" "	70	12' 5"	M	" "	76	14' 0"	M	" "	77	13' 0"	M
" "	70	4' 0"	F	" "	76	12' 0"	F	" "	77	16' 0"	M
" "	70	15' 0"	F	" "	77	11' 0"	M	" "	78	4' 0"	M
" "	70	5' 0"	F	" "	78	10' 0"	M	$1\frac{1}{3}$ "	65	6' 0"	M
" "	70	4' 10"	M	" "	79	9' 0"	F	" "	66	5' 0"	M
" "	71	3' 0"	M	" "	63	5' 4"	F	" "	66	9' 3"	M
" "	71	9' 0"	M	$28\frac{1}{2}$ "	65	11' 0"	M	" "	66	8' 4"	M
" "	71	4' 0"	F	" "	66	8' 0"	F	" "	67	10' 0"	F
" "	71	10' 0"	M	" "	67	7' 0"	F	" "	67	8' 3"	M
" "	71	10' 0"	F	" "	68	7' 0"	M	" "	67	5' 0"	M
" "	71	8' 0"	F	" "	68	12' 4"	F	" "	67	11' 0"	M
" "	71	11' 0"	M	" "	69	7' 0"	F	" "	68	14' 5"	M
" "	71	12' 0"	F	" "	69	7' 0"	F	" "	68	10' 0"	M
" "	71	11' 0"	F	" "	69	5' 0"	F	" "	68	11' 0"	F
" "	71	12' 10"	F	" "	69	8' 8"	F	" "	69	9' 0"	M
" "	71	9' 4"	M	" "	70	9' 0"	F	" "	69	8' 0"	M
" "	72	10' 0"	M	" "	70	14' 6"	M	" "	69	12' 9"	M
" "	72	14' 0"	M	" "	70	11' 0"	M	" "	69	8' 10"	M
" "	72	6' 0"	F	" "	70	10' 0"	M	" "	70	10' 0"	M
" "	72	9' 0"	M	" "	70	8' 0"	F	" "	70	13' 0"	F
" "	72	4' 0"	M	" "	70	12' 0"	F	" "	70	12' 10"	M
" "	72	7' 0"	M	" "	70	12' 10"	F	" "	70	11' 10"	F
" "	72	13' 0"	F	" "	70	8' 6"	M	" "	70	12' 0"	M
" "	72	3' 0"	F	" "	70	4' 0"	M	" "	71	7' 0"	M
" "	72	1' 0"	M	" "	71	11' 0"	M	" "	71	8' 0"	M
" "	72	9' 0"	M	" "	71	8' 0"	F	" "	71	10' 5"	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>1</sup> / <sub>3</sub> 54	71	8' 2"	F	<sup>2</sup> / <sub>3</sub> 54	72	9' 2"	F	<sup>3</sup> / <sub>3</sub> 54	72	12' 0"	M
" "	71	9' 6"	M	" "	72	10' 6"	F	" "	72	16' 1"	F
" "	72	14' 0"	M	" "	72	3' 6"	M	" "	73	16' 0"	F
" "	72	6' 11"	F	" "	73	10' 0"	M	" "	73	13' 0"	M
" "	72	6' 7"	F	" "	73	8' 0"	M	" "	73	7' 0"	M
" "	72	13' 0"	F	" "	73	14' 0"	M	" "	73	10' 0"	M
" "	72	9' 0"	M	" "	73	8' 0"	M	" "	73	11' 0"	F
" "	73	3' 11"	F	" "	73	12' 5"	M	" "	73	7' 9"	M
" "	74	15' 0"	M	" "	73	14' 6"	F	" "	74	4' 0"	M
" "	74	19' 0"	M	" "	73	9' 6"	M	" "	74	12' 0"	F
" "	74	10' 7"	F	" "	74	10' 10"	F	" "	74	7' 0"	F
" "	74	2' 8"	F	" "	74	10' 3"	F	" "	74	11' 0"	M
" "	74	16' 0"	F	" "	74	10' 6"	M	" "	74	9' 0"	F
" "	74	12' 0"	M	" "	74	15' 0"	M	" "	74	16' 0"	F
" "	74	10' 0"	F	" "	75	12' 8"	M	" "	74	12' 8"	F
" "	75	3' 0"	M	" "	76	11' 0"	F	" "	74	12' 0"	M
" "	75	10' 0"	F	" "	76	15' 0"	F	" "	74	12' 0"	M
" "	75	4' 11"	M	" "	76	5' 0"	M	" "	74	14' 0"	M
" "	75	14' 0"	F	" "	76	16' 0"	M	" "	75	14' 0"	F
" "	76	7' 0"	F	" "	77	12' 0"	M	" "	75	12' 0"	F
" "	76	7' 0"	F	" "	78	11' 0"	M	" "	75	13' 0"	M
" "	76	3' 0"	F	" "	78	4' 0"	M	" "	75	18' 0"	M
" "	76	11' 0"	F	<sup>3</sup> / <sub>3</sub> "	63	9' 0"	M	" "	75	18' 0"	F
" "	76	14' 0"	F	" "	65	9' 0"	M	" "	75	14' 0"	M
" "	78	1' 0"	F	" "	65	9' 0"	M	" "	75	11' 0"	M
" "	78	14' 0"	F	" "	65	6' 0"	F	" "	75	11' 0"	F
<sup>7</sup> / <sub>3</sub> "	65	8' 0"	M	" "	66	10' 0"	F	" "	76	16' 0"	F
" "	65	11' 0"	M	" "	66	7' 8"	F	" "	76	16' 0"	F
" "	65	7' 0"	M	" "	66	9' 11"	M	" "	76	4' 0"	M
" "	66	3' 0"	M	" "	67	10' 0"	F	" "	76	13' 0"	M
" "	66	8' 4"	F	" "	67	10' 0"	F	" "	76	8' 0"	F
" "	67	5' 0"	F	" "	67	9' 0"	F	" "	76	5' 0"	M
" "	67	5' 0"	F	" "	68	10' 0"	F	" "	76	2' 0"	F
" "	67	7' 2"	F	" "	69	8' 0"	M	" "	76	12' 0"	F
" "	67	8' 4"	M	" "	69	9' 0"	M	" "	76	14' 0"	F
" "	68	4' 0"	F	" "	69	12' 0"	M	" "	76	14' 0"	M
" "	68	5' 3"	F	" "	69	7' 8"	F	" "	77	18' 0"	F
" "	68	15' 8"	F	" "	69	8' 3"	F	" "	77	12' 0"	M
" "	69	4' 0"	F	" "	69	12' 11"	F	" "	78	17' 0"	M
" "	69	4' 0"	F	" "	69	12' 6"	M	" "	79	5' 0"	F
" "	69	9' 9"	F	" "	70	6' 0"	M	" "	80	11' 0"	F
" "	70	8' 0"	F	" "	70	6' 0"	F	<sup>4</sup> / <sub>3</sub> "	65	8' 2"	F
" "	70	8' 0"	F	" "	70	7' 0"	F	" "	65	5' 7"	M
" "	70	12' 0"	F	" "	70	10' 3"	F	" "	65	8' 0"	M
" "	70	10' 0"	F	" "	71	11' 0"	F	" "	66	11' 0"	F
" "	70	15' 0"	M	" "	71	4' 0"	M	" "	68	13' 0"	M
" "	70	6' 11"	M	" "	71	14' 0"	M	" "	68	8' 0"	F
" "	71	10' 0"	M	" "	71	15' 0"	M	" "	69	11' 0"	M
" "	71	5' 0"	F	" "	71	10' 0"	M	" "	69	14' 0"	F
" "	71	7' 0"	M	" "	71	10' 5"	M	" "	69	4' 0"	M
" "	71	16' 0"	M	" "	71	15' 9"	M	" "	70	11' 0"	F
" "	71	9' 0"	F	" "	71	7' 1"	F	" "	70	10' 0"	F
" "	71	7' 11"	M	" "	72	10' 0"	F	" "	70	5' 0"	F
" "	71	5' 0"	M	" "	72	16' 6"	M	" "	70	12' 9"	F
" "	72	13' 0"	F	" "	72	7' 0"	M	" "	70	3' 9"	F
" "	72	10' 0"	M	" "	72	16' 0"	F	" "	70	8' 5"	F
" "	72	11' 0"	F	" "	72	10' 0"	M	" "	71	14' 0"	F
" "	72	14' 4"	M	" "	72	12' 0"	M	" "	71	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.	
$\frac{4}{3}$ 54	71	8' 0"	F	$\frac{5}{3}$ 54	71	7' 0"	F	$\frac{6}{3}$ 54	67	12' 0"	F
" "	71	12' 0"	F	" "	71	9' 0"	F	" "	67	9' 0"	F
" "	72	14' 0"	F	" "	71	13' 0"	M	" "	67	6' 0"	F
" "	72	12' 0"	F	" "	71	10' 0"	F	" "	67	5' 6"	M
" "	72	10' 0"	M	" "	72	11' 0"	F	" "	67	11' 3"	M
" "	72	7' 0"	F	" "	72	12' 0"	M	" "	67	13' 2"	F
" "	72	13' 0"	F	" "	72	13' 6"	M	" "	68	12' 9"	M
" "	72	10' 0"	M	" "	72	10' 0"	M	" "	69	9' 1"	M
" "	72	14' 0"	F	" "	72	16' 0"	M	" "	69	7' 0"	M
" "	72	12' 2"	F	" "	72	14' 0"	F	" "	69	10' 6"	F
" "	73	11' 0"	F	" "	72	12' 0"	M	" "	70	4' 0"	F
" "	73	11' 0"	F	" "	72	8' 4"	F	" "	70	16' 0"	F
" "	73	14' 0"	M	" "	72	10' 4"	M	" "	70	15' 0"	F
" "	73	13' 0"	F	" "	73	10' 0"	F	" "	70	8' 6"	M
" "	73	12' 0"	M	" "	73	9' 0"	M	" "	70	4' 0"	M
" "	74	10' 0"	F	" "	73	16' 0"	M	" "	70	12' 0"	M
" "	74	4' 0"	M	" "	73	13' 0"	M	" "	70	12' 10"	F
" "	74	5' 0"	M	" "	73	13' 4"	F	" "	70	15' 4"	F
" "	74	7' 0"	F	" "	73	10' 0"	F	" "	70	14' 0"	M
" "	74	12' 0"	F	" "	74	14' 0"	F	" "	70	15' 9"	M
" "	74	11' 0"	M	" "	74	12' 0"	M	" "	70	8' 2"	M
" "	75	12' 0"	F	" "	74	10' 6"	M	" "	71	17' 0"	M
" "	75	15' 0"	M	" "	74	10' 0"	M	" "	71	4' 0"	F
" "	75	6' 0"	F	" "	74	12' 0"	M	" "	71	5' 0"	F
" "	75	10' 0"	F	" "	74	15' 0"	F	" "	71	16' 0"	M
" "	75	4' 0"	F	" "	74	10' 0"	M	" "	71	10' 0"	M
" "	75	15' 0"	F	" "	74	7' 0"	F	" "	71	8' 0"	M
" "	75	9' 0"	M	" "	74	16' 0"	M	" "	72	13' 0"	M
" "	76	5' 0"	M	" "	74	4' 0"	F	" "	72	2' 9"	F
" "	76	13' 0"	F	" "	75	14' 0"	F	" "	72	6' 0"	M
" "	76	12' 0"	F	" "	75	10' 0"	F	" "	72	8' 0"	F
" "	76	14' 0"	M	" "	75	13' 0"	F	" "	72	6' 0"	M
" "	76	15' 0"	M	" "	75	12' 0"	F	" "	72	10' 3"	M
" "	76	15' 0"	M	" "	75	12' 0"	M	" "	72	14' 7"	F
" "	76	15' 0"	F	" "	75	12' 0"	F	" "	72	14' 5"	F
" "	77	11' 0"	F	" "	75	10' 6"	F	" "	72	10' 0"	M
" "	77	12' 0"	F	" "	75	8' 3"	F	" "	72	12' 0"	F
" "	77	15' 0"	F	" "	75	9' 1"	F	" "	73	16' 0"	F
" "	77	16' 0"	F	" "	75	9' 10"	F	" "	73	15' 0"	F
" "	79	5' 0"	M	" "	75	7' 3"	M	" "	73	9' 0"	M
$\frac{5}{3}$ "	64	4' 0"	F	" "	76	2' 0"	M	" "	73	14' 0"	M
" "	65	7' 1"	M	" "	76	13' 0"	M	" "	73	15' 0"	F
" "	66	8' 8"	M	" "	76	7' 0"	M	" "	73	11' 0"	F
" "	67	2' 0"	M	" "	76	16' 5"	M	" "	74	17' 0"	F
" "	67	10' 0"	M	" "	77	19' 0"	M	" "	74	15' 0"	M
" "	67	8' 9"	F	" "	77	12' 0"	M	" "	74	9' 7"	F
" "	68	6' 0"	M	" "	77	18' 0"	M	" "	74	6' 0"	M
" "	68	16' 0"	M	" "	77	17' 0"	F	" "	74	5' 0"	M
" "	69	4' 0"	F	" "	77	10' 6"	F	" "	74	19' 0"	F
" "	69	14' 0"	M	" "	80	12' 0"	M	" "	74	14' 0"	M
" "	69	4' 6"	M	" "	63	9' 0"	M	" "	75	5' 0"	M
" "	69	9' 0"	F	$\frac{6}{3}$ "	64	10' 0"	M	" "	75	5' 0"	M
" "	70	12' 0"	M	" "	64	14' 8"	F	" "	75	5' 0"	M
" "	70	12' 0"	F	" "	64	9' 0"	M	" "	75	12' 0"	F
" "	70	7' 0"	F	" "	65	6' 6"	F	" "	75	8' 0"	F
" "	70	10' 0"	M	" "	65	15' 10"	M	" "	75	16' 10"	F
" "	70	11' 6"	F	" "	66	8' 11"	M	" "	76	11' 0"	F
" "	71	6' 6"	M	" "	66	8' 0"	M	" "	76	18' 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.	
$\frac{6}{3}$ 54	76	12' 0"	M	$\frac{7}{3}$ 54	73	12' 0"	F	$\frac{8}{3}$ 54	73	18' 0"	M
" "	77	16' 0"	M	" "	74	12' 0"	F	" "	73	14' 0"	F
" "	77	3' 0"	M	" "	74	8' 0"	F	" "	73	14' 0"	F
" "	77	8' 0"	M	" "	74	12' 0"	F	" "	73	15' 0"	F
" "	78	12' 0"	F	" "	74	18' 0"	M	" "	73	8' 0"	M
" "	78	16' 0"	F	" "	74	5' 0"	M	" "	74	11' 0"	M
" "	78	{16' 0"	F	" "	75	2' 0"	M	" "	74	7' 0"	F
" "	78	{12' 0"	F	" "	75	15' 0"	M	" "	74	5' 0"	F
" "	79	4' 0"	M	" "	75	18' 0"	F	" "	74	18' 0"	F
" "	80	13' 0"	F	" "	75	13' 0"	F	" "	74	11' 0"	M
$\frac{7}{3}$ "	63	10' 0"	F	" "	75	18' 0"	M	" "	74	15' 0"	F
" "	63	10' 11"	M	" "	75	17' 0"	F	" "	74	10' 0"	M
" "	63	11' 7"	F	" "	75	8' 0"	F	" "	74	13' 0"	F
" "	63	5' 1"	M	" "	75	6' 0"	F	" "	74	12' 0"	M
" "	65	14' 0"	M	" "	75	12' 0"	M	" "	74	17' 0"	F
" "	66	8' 0"	M	" "	75	9' 0"	F	" "	75	14' 0"	M
" "	66	5' 0"	M	" "	76	4' 6"	M	" "	75	7' 0"	F
" "	66	7' 0"	F	" "	77	4' 0"	M	" "	75	12' 0"	F
" "	67	8' 0"	M	" "	77	18' 0"	F	" "	75	12' 0"	F
" "	67	3' 0"	M	" "	77	15' 0"	F	" "	75	14' 0"	M
" "	67	10' 6"	M	" "	81	1' 0"	F	" "	75	16' 0"	F
" "	67	7' 0"	M	$\frac{8}{3}$ "	65	12' 0"	M	" "	76	10' 0"	M
" "	68	6' 7"	M	" "	65	5' 0"	F	" "	76	18' 0"	F
" "	68	9' 5"	F	" "	65	5' 0"	F	" "	76	8' 0"	M
" "	68	8' 0"	F	" "	66	8' 0"	M	" "	76	6' 0"	M
" "	69	10' 0"	F	" "	66	5' 0"	M	" "	77	15' 0"	M
" "	69	15' 0"	F	" "	66	5' 0"	M	" "	77	17' 0"	M
" "	69	12' 0"	F	" "	67	7' 6"	M	" "	77	15' 0"	F
" "	69	6' 7"	F	" "	67	8' 0"	F	" "	77	9' 2"	F
" "	70	15' 0"	M	" "	68	15' 0"	M	" "	79	13' 0"	F
" "	70	16' 0"	F	" "	69	16' 0"	F	$\frac{9}{3}$ "	65	11' 0"	M
" "	70	15' 0"	F	" "	69	12' 6"	M	" "	66	{7' 0"	F
" "	70	2' 0"	M	" "	69	8' 0"	F	" "	66	{5' 0"	F
" "	71	13' 0"	M	" "	69	12' 0"	M	" "	67	5' 0"	F
" "	71	15' 0"	M	" "	69	14' 0"	F	" "	68	6' 0"	M
" "	71	12' 0"	M	" "	70	15' 0"	M	" "	68	11' 0"	F
" "	71	13' 0"	M	" "	70	10' 0"	M	" "	68	6' 0"	M
" "	71	5' 0"	F	" "	70	12' 0"	M	" "	68	7' 1"	M
" "	71	12' 4"	M	" "	70	10' 0"	F	" "	68	6' 0"	F
" "	72	13' 0"	M	" "	70	14' 0"	M	" "	69	17' 0"	F
" "	72	8' 0"	M	" "	70	8' 0"	F	" "	69	12' 0"	F
" "	72	10' 0"	F	" "	70	3' 6"	M	" "	69	8' 0"	M
" "	72	13' 6"	M	" "	71	10' 6"	M	" "	69	12' 0"	M
" "	72	10' 3"	M	" "	71	11' 4"	M	" "	69	15' 0"	M
" "	72	11' 10"	F	" "	71	12' 6"	M	" "	69	13' 0"	F
" "	72	8' 0"	M	" "	71	{14' 0"	F	" "	69	12' 0"	F
" "	73	6' 0"	M	" "	71	{14' 0"	M	" "	69	12' 7"	F
" "	73	13' 0"	F	" "	72	4' 0"	M	" "	70	16' 0"	M
" "	73	7' 0"	M	" "	72	18' 0"	F	" "	70	10' 0"	M
" "	73	14' 0"	F	" "	72	9' 6"	F	" "	70	5' 0"	M
" "	73	12' 0"	F	" "	72	12' 0"	F	" "	70	5' 4"	M
" "	73	11' 0"	M	" "	72	9' 0"	M	" "	70	17' 0"	F
" "	73	10' 0"	M	" "	72	7' 0"	F	" "	70	10' 0"	M
" "	73	7' 0"	F	" "	72	5' 0"	M	" "	70	10' 0"	F
" "	73	13' 0"	F	" "	72	{12' 0"	F	" "	70	{9' 0"	M
" "	73	12' 0"	F	" "	72	{12' 0"	F	" "	70	{12' 0"	F
" "	73	9' 0"	F	" "	73	5' 0"	M	" "	71	14' 0"	F
" "	73	16' 0"	F	" "	73	13' 0"	M	" "	71	12' 0"	M

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

Date when measure l.	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.	
$\frac{9}{3}$ 54	71	14' 0"	F	$\frac{10}{3}$ 54	72	15' 0"	F	$\frac{11}{3}$ 54	70	9' 0"	M
" "	71	5' 0"	F	" "	72	9' 0"	F	" "	70	11' 0"	M
" "	71	15' 0"	M	" "	72	2' 0"	F	" "	70	16' 0"	M
" "	72	10' 0"	F	" "	72	13' 0"	M	" "	70	11' 6"	M
" "	72	12' 0"	M	" "	72	12' 0"	F	" "	71	20' 0"	F
" "	72	6' 0"	M	" "	72	15' 0"	M	" "	71	12' 0"	F
" "	72	16' 3"	F	" "	72	15' 0"	M	" "	71	5' 0"	M
" "	72	13' 4"	F	" "	72	7' 0"	M	" "	71	3' 0"	F
" "	72	11' 10"	M	" "	72	14' 0"	F	" "	71	7' 0"	F
" "	73	13' 0"	M	" "	72	12' 0"	F	" "	72	6' 0"	F
" "	73	12' 0"	M	" "	72	5' 0"	F	" "	72	10' 0"	F
" "	73	19' 0"	F	" "	72	10' 0"	M	" "	72	8' 0"	M
" "	73	9' 6"	M	" "	72	10' 0"	M	" "	72	12' 0"	F
" "	73	7' 0"	F	" "	72	14' 0"	F	" "	72	10' 0"	M
" "	73	1' 0"	M	" "	72	14' 0"	F	" "	72	15' 1"	F
" "	73	16' 0"	F	" "	73	10' 0"	M	" "	73	11' 0"	F
" "	74	5' 0"	F	" "	73	5' 0"	F	" "	73	7' 0"	M
" "	74	8' 0"	F	" "	73	14' 0"	M	" "	73	14' 0"	F
" "	74	19' 0"	F	" "	73	9' 0"	F	" "	73	19' 0"	M
" "	74	7' 0"	M	" "	73	13' 0"	F	" "	73	15' 9"	M
" "	75	8' 0"	F	" "	73	11' 0"	M	" "	73	12' 7"	M
" "	75	17' 0"	F	" "	73	7' 0"	M	" "	73	11' 6"	F
" "	75	17' 0"	M	" "	73	9' 0"	F	" "	74	8' 0"	F
" "	75	12' 0"	M	" "	73	11' 0"	M	" "	74	17' 0"	M
" "	75	16' 0"	M	" "	73	12' 0"	F	" "	74	8' 0"	M
" "	75	12' 0"	M	" "	73	9' 0"	F	" "	74	6' 0"	M
" "	76	19' 0"	F	" "	73	13' 0"	F	" "	74	17' 0"	M
" "	76	5' 0"	F	" "	73	3' 0"	F	" "	74	13' 9"	F
" "	76	12' 0"	M	" "	74	4' 0"	F	" "	74	12' 0"	M
" "	76	18' 0"	F	" "	74	12' 0"	M	" "	74	12' 0"	F
" "	76	16' 0"	F	" "	74	15' 0"	F	" "	74	13' 0"	M
" "	76	15' 0"	M	" "	74	9' 0"	F	" "	75	8' 0"	M
" "	76	14' 0"	M	" "	74	12' 10"	M	" "	75	3' 0"	F
" "	76	12' 0"	M	" "	74	12' 0"	F	" "	75	15' 0"	F
" "	77	10' 0"	F	" "	75	6' 0"	M	" "	75	17' 0"	F
" "	80	5' 0"	M	" "	75	7' 0"	F	" "	75	12' 0"	M
" "	80	7' 0"	M	" "	75	4' 0"	F	" "	75	12' 0"	F
$\frac{10}{3}$ "	67	6' 0"	F	" "	75	11' 0"	F	" "	75	9' 0"	M
" "	67	8' 0"	F	" "	75	10' 0"	M	" "	75	18' 0"	M
" "	68	12' 0"	M	" "	75	13' 2"	F	" "	75	13' 5"	F
" "	68	8' 0"	M	" "	76	16' 0"	M	" "	75	12' 3"	M
" "	69	12' 0"	F	" "	76	10' 0"	M	" "	76	9' 0"	F
" "	69	8' 8"	M	" "	76	16' 0"	M	" "	76	9' 0"	F
" "	69	9' 9"	F	" "	76	16' 0"	F	" "	76	10' 0"	M
" "	70	8' 0"	F	" "	77	9' 0"	F	" "	76	11' 0"	F
" "	70	13' 0"	M	" "	77	19' 0"	M	" "	76	15' 0"	M
" "	70	3' 0"	M	" "	77	10' 0"	M	" "	76	10' 0"	M
" "	70	9' 6"	F	" "	78	9' 0"	M	" "	77	9' 0"	F
" "	70	12' 8"	F	" "	78	9' 0"	M	" "	77	16' 0"	M
" "	70	11' 11"	F	" "	78	13' 3"	F	" "	77	13' 0"	F
" "	70	12' 3"	M	" "	78	17' 0"	M	" "	77	12' 4"	M
" "	70	10' 2"	M	" "	79	15' 0"	F	" "	78	12' 0"	F
" "	71	7' 0"	F	$\frac{11}{3}$ "	66	15' 0"	M	" "	78	17' 0"	M
" "	71	14' 0"	F	" "	67	8' 0"	M	$\frac{12}{3}$ "	64	4' 0"	M
" "	71	15' 0"	M	" "	68	9' 2"	M	" "	65	11' 5"	F
" "	71	14' 0"	M	" "	69	14' 0"	M	" "	66	13' 0"	M
" "	71	12' 0"	F	" "	69	10' 0"	F	" "	67	12' 0"	M
" "	71	17' 1"	F	" "	69	8' 10"	F	" "	68	6' 8"	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.	
12/3 54	69	12' 0"	F	13/3 54	70	14' 0"	F	14/3 54	66	8' 0"	F
" "	69	14' 4"	F	" "	70	12' 0"	F	" "	66	8' 0"	F
" "	69	15' 4"	F	" "	70	6' 0"	M	" "	66	9' 0"	F
" "	70	9' 0"	M	" "	70	13' 0"	M	" "	67	7' 0"	F
" "	70	16' 0"	F	" "	70	10' 0"	F	" "	68	12' 0"	M
" "	70	11' 0"	M	" "	70	13' 6"	F	" "	68	8' 0"	F
" "	70	13' 5"	F	" "	70	16' 2"	M	" "	69	5' 0"	F
" "	70	7' 6"	M	" "	71	18' 0"	F	" "	69	12' 9"	M
" "	70	13' 0"	F	" "	71	18' 0"	M	" "	70	4' 0"	M
" "	71	9' 0"	F	" "	71	12' 0"	M	" "	70	14' 0"	F
" "	71	12' 0"	M	" "	71	15' 0"	F	" "	70	8' 0"	M
" "	71	4' 0"	F	" "	71	15' 0"	F	" "	70	11' 4"	F
" "	71	8' 0"	F	" "	71	9' 0"	M	" "	71	12' 0"	F
" "	71	11' 0"	F	" "	71	11' 0"	F	" "	71	12' 0"	F
" "	71	4' 2"	F	" "	72	6' 0"	M	" "	71	15' 0"	F
" "	72	8' 0"	F	" "	72	16' 0"	M	" "	71	6' 0"	M
" "	72	12' 0"	F	" "	72	13' 0"	M	" "	71	7' 4"	F
" "	72	13' 0"	F	" "	72	15' 0"	F	" "	72	10' 0"	M
" "	72	9' 0"	M	" "	72	16' 0"	F	" "	72	13' 0"	F
" "	72	6' 0"	M	" "	72	11' 0"	F	" "	72	17' 0"	F
" "	72	14' 0"	M	" "	72	10' 0"	M	" "	72	6' 0"	F
" "	72	3' 9"	F	" "	72	9' 0"	F	" "	72	12' 0"	F
" "	73	10' 0"	M	" "	73	20' 0"	F	" "	72	15' 0"	M
" "	73	14' 0"	F	" "	73	8' 0"	F	" "	72	15' 0"	F
" "	73	14' 0"	F	" "	73	13' 0"	F	" "	72	6' 0"	F
" "	73	14' 0"	F	" "	73	10' 0"	M	" "	72	15' 0"	M
" "	73	8' 0"	M	" "	73	8' 0"	M	" "	72	14' 0"	M
" "	73	7' 0"	F	" "	73	3' 0"	F	" "	72	14' 0"	M
" "	73	10' 0"	M	" "	73	12' 6"	F	" "	73	14' 0"	M
" "	73	10' 0"	M	" "	73	12' 0"	M	" "	73	10' 0"	F
" "	73	14' 0"	F	" "	74	18' 6"	M	" "	73	10' 0"	M
" "	74	15' 0"	F	" "	74	17' 0"	F	" "	73	12' 0"	M
" "	74	15' 0"	M	" "	74	14' 0"	M	" "	73	11' 0"	F
" "	74	12' 0"	F	" "	74	9' 0"	M	" "	73	10' 0"	F
" "	74	12' 0"	F	" "	74	8' 0"	F	" "	73	9' 10"	M
" "	75	13' 0"	F	" "	74	9' 3"	F	" "	74	17' 0"	M
" "	75	5' 0"	M	" "	74	13' 2"	M	" "	74	1' 6"	M
" "	75	8' 0"	F	" "	74	12' 3"	F	" "	74	14' 0"	M
" "	75	6' 0"	F	" "	74	20' 0"	M	" "	74	16' 0"	F
" "	76	12' 0"	M	" "	75	14' 0"	M	" "	74	15' 0"	F
" "	76	16' 0"	M	" "	75	16' 0"	M	" "	74	8' 0"	F
" "	76	9' 0"	F	" "	75	14' 0"	F	" "	74	18' 0"	M
" "	76	7' 0"	M	" "	75	10' 0"	M	" "	74	3' 0"	F
" "	76	14' 0"	F	" "	75	12' 0"	F	" "	74	12' 0"	M
" "	76	14' 0"	M	" "	75	10' 0"	F	" "	74	10' 0"	M
" "	77	16' 0"	M	" "	75	6' 0"	M	" "	74	8' 0"	M
" "	77	12' 0"	M	" "	76	19' 0"	F	" "	74	10' 0"	M
" "	78	14' 0"	M	" "	76	10' 0"	F	" "	74	13' 6"	F
" "	78	10' 0"	M	" "	76	6' 0"	M	" "	75	14' 0"	M
" "	78	15' 8"	M	" "	76	17' 0"	F	" "	75	10' 0"	F
13/3	67	14' 2"	M	" "	76	8' 0"	M	" "	75	9' 0"	F
" "	67	8' 0"	F	" "	76	12' 0"	F	" "	75	4' 0"	F
" "	67	9' 0"	F	" "	76	12' 0"	F	" "	75	14' 0"	F
" "	68	13' 0"	M	" "	77	14' 0"	M	" "	75	9' 0"	M
" "	68	12' 6"	F	" "	77	6' 0"	F	" "	75	14' 0"	F
" "	68	17' 1"	F	" "	77	2' 0"	F	" "	75	10' 0"	F
" "	68	16' 4"	M	" "	77	16' 0"	F	" "	75	15' 0"	F
" "	70	12' 0"	M	" "	80	13' 0"	M	" "	75	5' 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.	
$14\frac{1}{3}$ 54	75	7' 0"	M	$15\frac{1}{3}$ 54	74	10' 0"	F	$16\frac{1}{3}$ 54	74	5' 6"	F
" "	76	8' 0"	M	" "	74	17' 0"	F	" "	74	9' 0"	F
" "	76	12' 0"	F	" "	74	17' 0"	M	" "	74	3' 0"	F
" "	76	15' 0"	F	" "	74	12' 8"	M	" "	74	12' 6"	F
" "	76	11' 0"	F	" "	74	13' 9"	M	" "	74	14' 0"	M
" "	76	12' 0"	M	" "	74	7' 0"	F	" "	74	15' 0"	F
" "	76	14' 0"	M	" "	75	12' 0"	M	" "	74	4' 0"	M
" "	77	15' 0"	F	" "	75	12' 0"	F	" "	74	8' 0"	M
" "	77	12' 0"	M	" "	75	14' 6"	F	" "	75	7' 0"	F
" "	77	12' 0"	F	" "	75	12' 6"	F	" "	75	10' 0"	M
" "	77	16' 0"	M	" "	76	11' 0"	F	" "	75	10' 0"	M
" "	78	9' 0"	F	" "	76	10' 0"	F	" "	75	14' 0"	M
$15\frac{1}{3}$ "	61	10' 0"	F	" "	76	4' 0"	M	" "	75	6' 0"	M
" "	66	12' 8"	F	" "	76	15' 0"	F	" "	75	14' 0"	M
" "	67	8' 0"	F	" "	76	8' 0"	M	" "	75	0' 5"	M
" "	67	14' 0"	M	" "	76	9' 0"	M	" "	75	12' 0"	F
" "	67	9' 0"	M	" "	77	10' 0"	M	" "	75	16' 0"	F
" "	67	8' 0"	F	" "	77	6' 0"	F	" "	77	16' 4"	F
" "	68	10' 0"	M	" "	77	14' 0"	M	" "	77	17' 0"	F
" "	68	7' 0"	M	" "	77	12' 0"	M	" "	78	12' 0"	M
" "	68	9' 9"	F	" "	78	10' 0"	F	" "	79	10' 0"	M
" "	69	13' 0"	F	" "	80	16' 0"	F	" "	79	17' 0"	M
" "	69	8' 0"	F	$16\frac{1}{3}$ "	65	9' 0"	F	$17\frac{1}{3}$ "	65	12' 0"	M
" "	69	13' 0"	M	" "	65	11' 2"	M	" "	66	7' 0"	M
" "	69	4' 0"	M	" "	67	9' 0"	M	" "	66	11' 0"	M
" "	69	6' 0"	F	" "	67	13' 0"	M	" "	66	8' 0"	M
" "	69	15' 0"	M	" "	68	8' 0"	F	" "	66	9' 0"	M
" "	69	12' 5"	M	" "	68	11' 11"	F	" "	66	12' 3"	M
" "	70	17' 0"	F	" "	68	6' 0"	F	" "	67	7' 0"	M
" "	70	9' 0"	M	" "	69	5' 6"	M	" "	67	6' 0"	F
" "	70	9' 0"	M	" "	69	10' 10"	F	" "	69	3' 6"	F
" "	70	9' 0"	M	" "	69	8' 11"	M	" "	69	10' 0"	M
" "	70	4' 7"	M	" "	69	11' 10"	M	" "	70	7' 0"	F
" "	70	7' 2"	M	" "	69	4' 4"	M	" "	70	16' 4"	M
" "	71	17' 0"	M	" "	70	6' 0"	F	" "	71	8' 0"	M
" "	71	15' 0"	M	" "	70	10' 0"	M	" "	71	18' 0"	F
" "	71	4' 0"	M	" "	70	7' 0"	F	" "	71	4' 0"	F
" "	71	8' 0"	F	" "	70	8' 4"	M	" "	71	6' 0"	F
" "	71	5' 0"	M	" "	70	7' 0"	F	" "	71	6' 0"	M
" "	71	11' 0"	F	" "	71	4' 0"	M	" "	72	6' 0"	F
" "	71	5' 0"	M	" "	71	6' 0"	F	" "	72	14' 0"	F
" "	71	12' 0"	M	" "	71	9' 0"	F	" "	72	4' 0"	M
" "	72	5' 0"	M	" "	71	9' 10"	F	" "	73	16' 0"	F
" "	72	8' 0"	F	" "	71	15' 10"	M	" "	73	12' 0"	M
" "	72	13' 5"	M	" "	71	12' 10"	M	" "	73	5' 0"	M
" "	73	6' 0"	F	" "	72	16' 0"	M	" "	73	8' 0"	M
" "	73	16' 0"	F	" "	72	13' 0"	M	" "	73	12' 0"	F
" "	73	17' 6"	M	" "	72	3' 0"	F	" "	74	7' 0"	F
" "	73	8' 0"	M	" "	72	15' 0"	M	" "	74	16' 0"	M
" "	73	12' 0"	M	" "	72	14' 0"	F	" "	75	12' 0"	F
" "	73	3' 0"	M	" "	72	12' 0"	M	" "	75	17' 0"	F
" "	73	10' 0"	F	" "	72	15' 0"	M	" "	75	8' 0"	F
" "	73	10' 0"	M	" "	73	14' 0"	M	" "	75	7' 0"	F
" "	73	14' 9"	F	" "	73	11' 0"	M	" "	76	12' 0"	F
" "	74	17' 0"	F	" "	73	18' 0"	F	" "	76	11' 0"	F
" "	74	14' 0"	F	" "	73	13' 4"	F	" "	78	4' 0"	F
" "	74	16' 0"	F	" "	73	5' 0"	M	" "	78	5' 0"	M
" "	74	9' 0"	M	" "	73	14' 1"	F	" "	78	9' 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.	
17/3 54	78	9' 0"	M	18/3 54	72	19' 0"	F	18/3 54	75	4' 0"	F
" "	78	15' 0"	M	" "	73	18' 0"	F	" "	75	14' 0"	F
18/3 "	65	12' 3"	F	" "	73	11' 0"	F	" "	75	10' 0"	F
" "	66	13' 0"	M	" "	73	14' 0"	F	" "	75	10' 0"	F
" "	69	14' 0"	F	" "	73	14' 0"	M	" "	76	5' 0"	F
" "	69	9' 6"	M	" "	73	14' 0"	F	" "	76	20' 0"	M
" "	70	14' 0"	M	" "	74	4' 0"	M	" "	77	12' 0"	F
" "	70	16' 0"	F	" "	74	13' 9"	F	" "	78	9' 6"	F
" "	71	10' 0"	M	" "	75	14' 0"	M	" "	78	12' 0"	M
" "	72	5' 0"	F	" "	75	11' 0"	F	" "	80	13' 0"	F
" "	72	16' 0"	M	" "	75	15' 0"	F				
" "	72	9' 0"	F	" "	75	10' 0"	F				

Total 5,037 fin-whale foetuses, of which 2,537 males and 2,494 females. Sex was not stated for 6 foetuses. Of the 5,031 foetuses for which sex was stated, 50.43 per cent were males and 49.57 per cent females.

## Humpback foetuses.

1/2 54	38	2' 5"	M	2/2 54	44	3' 7"	F	3/2 54	50	3' 1"	M
" "	39	3' 0"	F	" "	45	3' 11"	M	" "	51	3' 9"	F
" "	40	1' 11"	M	" "	45	3' 6"	F	" "	37	3' 0"	M
" "	40	3' 0"	M	" "	46	3' 10"	F	" "	38	5' 0"	F
" "	40	2' 6"	M	" "	46	4' 4"	M	" "	38	2' 0"	M
" "	41	4' 5"	M	" "	46	5' 4"	M	" "	41	2' 5"	M
" "	41	3' 11"	M	" "	46	3' 3"	M	" "	41	1' 11"	F
" "	41	3' 0"	M	" "	46	2' 7"	M	" "	41	3' 6"	F
" "	41	1' 2"	F	" "	46	2' 1"	M	" "	42	4' 1"	M
" "	41	3' 4"	M	" "	46	1' 0"	F	" "	42	4' 2"	M
" "	42	3' 7"	F	" "	47	4' 4"	F	" "	42	0' 5"	F
" "	42	4' 0"	F	" "	47	3' 11"	M	" "	42	4' 3"	F
" "	42	4' 6"	F	" "	49	2' 6"	F	" "	42	1' 0"	M
" "	42	2' 0"	F	" "	50	3' 0"	F	" "	42	4' 0"	M
" "	42	4' 0"	F	" "	50	4' 3"	M	" "	43	2' 3"	M
" "	42	3' 3"	M	" "	51	4' 1"	M	" "	43	3' 7"	M
" "	42	1' 5"	F	3/2 "	37	1' 6"	M	" "	43	2' 0"	F
" "	43	3' 0"	M	" "	40	4' 2"	M	" "	43	3' 5"	M
" "	43	4' 3"	F	" "	40	4' 0"	M	" "	43	4' 3"	M
" "	43	3' 0"	F	" "	41	5' 6"	M	" "	43	3' 2"	F
" "	43	3' 0"	F	" "	42	1' 4"	F	" "	43	3' 2"	M
" "	43	1' 9"	M	" "	42	3' 2"	F	" "	44	3' 11"	F
" "	43	3' 5"	F	" "	42	2' 0"	F	" "	44	3' 11"	F
" "	43	1' 7"	F	" "	43	2' 2"	F	" "	44	3' 7"	F
" "	45	3' 11"	M	" "	43	1' 2"	M	" "	44	2' 7"	M
" "	45	2' 0"	F	" "	44	3' 10"	F	" "	45	2' 10"	M
" "	46	1' 0"	M	" "	44	3' 8"	F	" "	45	2' 0"	F
" "	46	2' 0"	M	" "	44	4' 0"	F	" "	45	2' 6"	M
" "	47	4' 0"	M	" "	44	4' 6"	M	" "	46	3' 11"	M
" "	48	4' 6"	F	" "	45	3' 6"	M	" "	46	2' 7"	F
2/2 "	38	2' 8"	M	" "	45	3' 0"	F	" "	46	3' 5"	F
" "	39	4' 0"	M	" "	46	4' 1"	M	" "	47	3' 5"	M
" "	39	1' 6"	M	" "	46	3' 0"	M	" "	48	3' 8"	F
" "	40	2' 9"	F	" "	46	3' 0"	M	" "	48	3' 6"	F
" "	40	3' 0"	F	" "	47	4' 1"	M	7/3 "	42	4' 0"	F
" "	40	3' 0"	F	" "	48	4' 0"	F	9/3 "	46	5' 0"	M
" "	41	1' 0"	M	" "	49	3' 9"	M				

Total 110 humpback foetuses, of which 59 males and 50 females. Sex was not stated for 1 foetus. Of the 109 foetuses for which sex was stated, 54.13 per cent were males and 45.87 per cent were females.

Table No. 10 (cont.).

## Sei-whale 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.	
9/1 54	52	3' 0"	M	1/2 54	51	9' 0"	M	17/2 54	53	10' 0"	F
11/1 "	51	{ 6' 0"	F	" "	51	7' 0"	F	18/2 "	52	11' 0"	F
" "	"	6' 0"	M	" "	52	8' 0"	F	19/2 "	49	9' 0"	F
13/1 "	51	5' 0"	M	" "	52	6' 0"	F	" "	51	8' 0"	M
" "	51	5' 6"	M	" "	54	8' 0"	M	" "	51	8' 0"	F
14/1 "	50	2' 6"	M	" "	54	10' 0"	M	" "	53	9' 0"	M
" "	53	8' 0"	M	" "	55	8' 0"	M	" "	53	6' 0"	M
15/1 "	57	5' 0"	M	2 1/2 "	51	8' 0"	M	" "	55	6' 0"	M
16/1 "	52	7' 0"	M	" "	51	6' 0"	M	20/2 "	50	8' 0"	F
" "	54	7' 0"	F	3 1/2 "	50	5' 0"	F	" "	54	5' 0"	M
17/1 "	49	8' 0"	F	" "	50	5' 0"	F	21/2 "	51	8' 0"	M
" "	50	7' 0"	F	" "	53	4' 0"	M	22/2 "	48	7' 0"	F
18/1 "	54	8' 0"	M	4 1/2 "	49	9' 0"	F	" "	50	4' 0"	F
" "	56	7' 0"	M	" "	51	9' 0"	F	" "	51	8' 0"	F
19/1 "	52	8' 0"	F	" "	51	6' 0"	M	" "	57	9' 0"	F
21/1 "	49	5' 0"	M	" "	51	10' 0"	M	23/2 "	50	7' 0"	F
" "	51	7' 0"	M	" "	51	4' 0"	M	" "	50	{ 5' 0"	M
" "	51	8' 0"	M	" "	52	10' 0"	M	" "	50	5' 0"	F
" "	52	7' 0"	M	" "	53	9' 0"	F	" "	51	5' 0"	M
22/1 "	49	5' 0"	M	" "	56	9' 0"	M	" "	51	11' 0"	M
" "	50	8' 0"	F	5 1/2 "	53	5' 0"	F	" "	52	10' 0"	F
" "	50	4' 0"	M	" "	53	{ 8' 0"	M	" "	54	7' 0"	F
" "	52	7' 0"	M	" "	51	9' 0"	F	" "	54	8' 0"	F
23/1 "	46	7' 0"	F	6 1/2 "	52	10' 0"	F	" "	55	7' 0"	F
" "	50	8' 0"	F	" "	52	3' 0"	M	24/2 "	51	7' 0"	F
" "	51	8' 0"	F	7 1/2 "	46	8' 0"	F	" "	52	12' 0"	M
" "	53	8' 0"	F	" "	51	9' 0"	M	25/2 "	50	8' 0"	M
24/1 "	50	11' 0"	M	" "	51	10' 0"	F	" "	52	14' 0"	M
" "	51	8' 0"	F	" "	52	4' 0"	F	26/2 "	50	12' 0"	F
" "	52	10' 0"	F	" "	54	10' 0"	F	" "	50	13' 0"	M
" "	52	7' 0"	M	8 1/2 "	55	9' 0"	F	" "	52	8' 0"	F
" "	53	7' 0"	F	9 1/2 "	45	8' 0"	M	27/2 "	45	7' 0"	M
" "	54	9' 0"	F	10 1/2 "	46	8' 0"	F	" "	50	11' 0"	F
28/1 "	56	5' 0"	M	" "	51	8' 0"	F	" "	50	7' 0"	M
" "	53	8' 0"	F	" "	53	11' 0"	M	" "	51	10' 0"	M
" "	53	7' 0"	F	11 1/2 "	54	12' 0"	M	" "	52	6' 0"	F
" "	54	7' 0"	M	" "	50	4' 0"	F	" "	53	7' 0"	F
" "	54	8' 0"	F	" "	51	6' 0"	F	" "	54	9' 0"	M
" "	54	7' 0"	F	" "	53	4' 0"	F	" "	55	9' 0"	M
" "	57	9' 0"	F	" "	53	8' 0"	M	" "	55	12' 0"	F
30/1 "	57	5' 0"	F	" "	54	12' 0"	M	28/2 "	47	13' 0"	F
" "	50	9' 0"	F	" "	54	8' 0"	F	" "	47	6' 0"	F
" "	52	10' 0"	M	12 1/2 "	55	3' 0"	F	" "	49	8' 0"	M
" "	53	9' 0"	F	" "	51	9' 0"	M	" "	50	8' 0"	M
" "	53	9' 0"	M	" "	53	7' 0"	F	" "	52	14' 0"	M
" "	53	8' 0"	M	" "	55	4' 0"	F	" "	52	11' 0"	F
31/1 "	50	10' 6"	F	" "	56	6' 0"	M	" "	52	10' 0"	F
" "	51	7' 0"	F	13 1/2 "	47	{ 3' 0"	F	" "	53	7' 0"	F
" "	52	9' 0"	F	" "	48	3' 0"	F	" "	54	8' 6"	M
" "	52	9' 0"	M	" "	51	3' 10"	M	" "	55	9' 6"	F
" "	52	5' 0"	M	14 1/2 "	51	8' 0"	M	1/3 "	48	5' 0"	M
" "	53	2' 0"	M	" "	47	3' 5"	F	" "	49	11' 0"	M
" "	53	1' 6"	F	" "	52	8' 0"	F	" "	49	15' 0"	F
1/2 "	48	6' 0"	F	15 1/2 "	56	9' 0"	F	" "	51	3' 0"	M
" "	51	9' 0"	M	17 1/2 "	51	10' 0"	M	" "	51	9' 0"	M
" "	51	9' 0"	M	" "	47	5' 3"	M	" "	51	11' 0"	F



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.	
$\frac{1}{3}$ 54	52	10' 0"	M	$\frac{15}{3}$ 54	51	11' 0"	M	$\frac{4}{4}$ 54	51	9' 0"	F
$\frac{2}{3}$ "	51	7' 0"	M	$\frac{16}{3}$ "	53	10' 0"	M	" "	53	13' 0"	M
$\frac{4}{3}$ "	56	12' 0"	M	" "	54	10' 0"	F	$\frac{6}{4}$ "	49	12' 0"	F
$\frac{5}{3}$ "	50	7' 0"	M	$\frac{17}{3}$ "	52	12' 0"	M	" "	53	13' 0"	F
" "	52	10' 0"	M	" "	54	14' 0"	F	$\frac{7}{4}$ "	49	15' 0"	M
" "	53	8' 0"	M	$\frac{18}{3}$ "	53	9' 0"	M	" "	50	13' 0"	F
" "	54	12' 0"	F	" "	53	6' 0"	M	" "	53	10' 0"	F
$\frac{7}{3}$ "	52	9' 0"	F	" "	55	7' 0"	M	$\frac{8}{1}$ "	50	12' 0"	F
" "	52	11' 0"	F	$\frac{20}{3}$ "	46	12' 0"	M	" "	52	8' 0"	M
" "	53	9' 0"	M	" "	51	14' 0"	F	" "	52	11' 0"	F
" "	53	10' 0"	M	$\frac{21}{3}$ "	53	13' 0"	M	" "	54	14' 0"	F
$\frac{10}{3}$ "	51	10' 0"	M	$\frac{25}{3}$ "	53	7' 0"	F	" "	54	10' 0"	M
" "	51	11' 0"	M	" "	54	8' 0"	F	$\frac{9}{1}$ "	51	9' 0"	M
" "	56	9' 0"	M	$\frac{26}{3}$ "	50	6' 0"	F	" "	52	10' 0"	F
$\frac{11}{3}$ "	46	9' 0"	M	" "	52	15' 0"	M	" "	54	9' 0"	F
" "	48	10' 0"	F	" "	53	15' 0"	M	" "	55	9' 0"	M
" "	49	7' 0"	M	" "	54	12' 0"	F	" "			
" "	51	8' 0"	F	$\frac{28}{3}$ "	55	6' 0"	M				

Total 220 sei-whale foetuses, of which 111 males and 108 females. Sex was not stated for 1 foetus. Of the 219 foetuses for which sex was stated, 50.68 per cent were males and 49.32 per cent were females.