

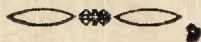
DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

XX

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS



OSLO 1949

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PREFACE

In accordance with the practice followed for the last seasons before the war and for the first post-war season, the Committee presents the whaling statistics for the second post-war season, 1946—47, in two separate publications.

The present publication, International Whaling Statistics XX, contains statistics for the Antarctic whaling in the season 1946—47. Statistics for the whaling in other parts of the world will be given in the next publication (No. XXI), which will appear in a few months.

Oslo, 20th January 1949.

Gunnar Jahn.

Birger Bergersen.

Harald B. Paulsen.

INTRODUCTION

During the first post-war season 1945–46 (see International Whaling Statistics, No. XVIII) pelagic whaling in the Antarctic was carried on with 9 floating factories and 77 catchers.

During the season 1946–47 15 floating factories were engaged with a total of 129 catchers. Of these floating factories

- 7 were Norwegian
- 3 British
- 1 South-African
- 1 Dutch
- 1 Sovjet-Russian
- 2 Japanese.

Whaling was also carried on off South Georgia from 1 British, 1 Argentine and 1 Norwegian land station—in 1945–46, with a total of 16 catchers and in 1946–47 with 18 catchers.

In order to make definite decisions for the regulation of whaling during the season 1946–47 an international whaling conference was held in London in November 1945. In “The Final Act” from this conference it says:

“The object of the Conference was to consider what special measure should be put in force by agreement in respect of the whaling season 1946–47. All the Governments represented at the Conference were parties or signatories to the International Agreement for the Regulation of Whaling signed at London on the 8th June 1937.

The Conference having heard a statement on behalf of the Minister of Food of the United Kingdom on the present position of world stocks of oils and fats, and the prospects in the near future, came to the conclusion that, so far as whaling is concerned, some special relaxation of the Agreement of 1937 and the Protocol of 1938 was desirable for the season 1946–47.

On the other hand the Conference was impressed with two main considerations. In the first place it was of vital importance to further the conservation of existing whale stocks, which prior to the war were already showing signs of depletion. Secondly it was of equal importance that any temporary relaxation of the existing regulations should not serve to encourage countries that had not taken part in whaling operations before to enter the industry only to find that ultimately their expeditions might not prove financially profitable.”

At the conference pelagic whaling in the Antarctic was restricted to the period December 8th 1946–April 7th 1947. In addition, the following regulations were agreed upon (Article 4 in the conference protocol). This article reads as follows:—

Table a.—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.	Float-ing factories.	Catch-ers.	
1919-20	1,874	3,213	261	71	8	14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	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	12	7,271	464,678	7	13	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	10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	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	17,487	11,539	852	216	73	—	30,167	2,546,759	6	38	194	156
1930-31	29,410	10,017	576	145	51	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	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	38,356	2,820,771	2	34	281	136
1939-40	11,480	18,694	2	81	1,938	705	32,900	2,544,253	2	28	240	137
1940-41	4,943	7,831	2,675	110	804	—	16,363	1,100,008	1	11	93	176
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	339	1,158	4	197	101	—	1,799	132,001	1	1	15	120
1944-45	1,042	1,666	60	78	45	—	2,891	223,540	1	1	15	193
1945-46	3,606	9,185	238	85	273	—	13,387	818,652	3	9	93	144
1946-47	9,192	14,547	29	393	1,431	1	25,593	1,939,742	3	15	147	174

¹⁾ Right-whales. ²⁾ 703 "Baleen-whales" no specification given, 2 right-whales.

"(1) During the season of 1946-47 the number of baleen whales caught in the area defined by Article 7 of the Principal Agreement shall not exceed 16,000 blue-whale units.

(2) For the purpose of paragraph 1 of this Article blue-whale units shall be calculated on the basis that one blue-whale equals

- (a) Two fin-whales or
- (b) Two and a half humpback whales or
- (c) Six sei-whales.

(3) Each contracting Government undertakes to ensure that the International Bureau for Whaling Statistics shall be provided, within two days after the end of each calendar week, with data on the number of blue-whale units caught by each factory ship under the jurisdiction of the said Government in the area defined by Article 7 of the Principal Agreement. The Government of the United Kingdom shall consult from time to time with the International Bureau for Whaling Statistics and if it should appear that the annual quota provided by paragraph (1) of this Article may be reached before 7th April, the International Bureau for Whaling Statistics shall be requested to determine, on the basis of the data provided, the date on which the annual quota of blue-

Table b.—Pelagic whaling in the Antarctic.¹

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	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	²⁾ 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	²⁾ 10	6,394	378,850	1	14	47	136
1926-27	2,856	3,958	189	413	22	²⁾ 12	7,450	455,070	1	16	57	131
1927-28	6,209	3,102	23	788	12	²⁾ 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	176
1929-30	16,999	8,143	806	—	34	—	25,982	2,298,796	1	38	167	153
1930-31	28,325	8,601	510	1	27	²⁾ 1	37,465	3,420,410	1	41	205	183
1931-32	6,050	1,136	178	—	3	—	7,367	686,355	—	5	33	223
1932-33	18,624	4,441	159	—	107	—	23,331	2,401,879	—	17	112	208
1933-34	16,813	5,472	780	—	659	—	23,724	2,263,357	—	19	115	206
1934-35	15,944	11,664	1,928	141	556	—	30,233	2,345,858	—	23	143	211
1935-36	16,510	9,177	3,121	2	396	—	29,206	2,293,153	—	24	165	177
1936-37	14,183	13,302	4,460	19	856	²⁾ 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	²⁾ 1	36,681	2,709,281	—	34	270	136
1939-40	11,392	17,757	2	1	1,853	³⁾ 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

¹⁾ 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. ²⁾ Right-whales. ³⁾ 703 "Baleen whales" no specification given, 1 right-whale.

whale units shall be deemed to have been reached and to notify each contracting Government of that date not less than two weeks in advance thereof. The taking of baleen whales in the said area shall be illegal after the date so determined."

The prohibition against killing of humpbacks in pelagic operations was maintained for 1946-47.

It appears from table *a*, page 8, that the total catch in 1946-47 amounted to 25,593 whales. This is a comparatively high number, although it does not attain the high level reached during the last pre-war seasons. However, taking the number of catchers into consideration, the result must be described as good. As in previous seasons, back to 1927-28, pelagic whaling represents the predominating part of the total proceeds in the Antarctic.

As will be seen from table *b* above, the result of the pelagic whaling in 1946-47 was 23,043 whales killed, yielding 1,794,424 barrels of whale- and sperm-oil. Of the whales killed 8,865 were blue-whales, 12,877 fin-whales, 1 hump-back, 2 sei-whales and 1,298 sperm-whales. The maximum catch agreed upon was 16,000 blue-whale units, not including the sperm-whale, and the catch

Table c.—Weekly catch of whales in blue-whale units.

Week ending	Number of blue-whale units	Week ending	Number of blue-whale units	Week ending	Number of blue-whale units
14/12 1946	861.5	1/2 1947	891.0	22/3 1947	748.0
21/12 "	1,109.5	8/2 "	976.0	29/3 "	712.0
28/12 "	933.5	15/2 "	979.0	5/4 "	628.9
4/1 1947	1,187.5	22/2 "	858.0	7/4 "	105.0
11/1 "	1,001.0	1/3 "	812.0		
18/1 "	900.0	8/3 "	839.5		
25/1 "	843.0	15/3 "	952.5		
					Total 15,337.9

calculated in blue-whale units amounted to 15,304.2. Maximum catch was consequently not obtained.

As previously mentioned (see page 8) the whaling companies had to provide the International Bureau for Whaling Statistics with weekly reports on the number of blue-whale units killed during the season 1946-47. On the basis of the reports sent in, it has been possible this year to give a survey of the development of the whaling operations from week to week. See table *c* above. It will be seen that the total of the weekly data recorded is not identical with the total of blue-whale units calculated on the basis of the Whaling Statistics' figures in table *b*. This is due to the fact that some of the expeditions in their final statistical reports have not included whales lost in storm.

The 23,000 whales killed in the pelagic whaling in 1946-47 is a high number considering the number of catchers in operation during this season. As will be seen from table *b*, page 9, the number of whales per catcher has varied between 84 and 223. During the last season it amounted to 179, and since 1920 8 years only have given a higher yield per catcher. One cannot, however, judge as to the stock of whales during the various seasons on the basis of these figures, because the whaling period has not been of equal length every year, and weather conditions together with various regulations have had an influence upon the results. Besides, it is necessary to realize the great development in the efficiency of both whaling boats and floating factories.

But even so, the catch of the various species of whales indicates that the blue-whale catch is rather lower than might be anticipated, judging from the total result. As mentioned, 8,865 blue-whales were killed during the season 1946-47—a number far below the catch of this species during the thirties. On the other hand the fin-whale catch was very large (see table *b*). Before the war this number—12,877—was surpassed in four seasons only.

Table *d*, page 11, gives a better illustration of the distribution of whales caught on the various species. From this table we learn that the percentage of blue-whales killed amounted to 38.5 in 1946-47. This is higher than during the seasons 1937-38 and 1938-39, but lower than in the years prior to 1937.

As previously mentioned, the results cannot be directly compared from season to season. The catching periods have been of unequal length and have

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

Years.	Species of whales caught.					
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1927-28.....	61.3	30.6	0.2	7.8	0.1	100
1928-29.....	73.5	23.4	0.2	2.7	0.2	100
1929-30.....	65.4	31.3	3.1	—	0.2	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

not covered the same months. In 1932-33 the whaling period was for the first time subject to restrictions, the opening day being fixed as October 20th. From 1934-35 close seasons have been agreed upon, as will appear from the particulars below:—

Season 1934-35:	Period December 1st—March 31st
1935-36:	December 1st—March 15th
1936-37:	December 8th—March 7th
1937-38:	December 8th—March 15th
1938-39:	December 8th—March 7th
1939-40:	December 8th—March 7th
— — — — —	
1945-46:	November 24th—March 24th
1946-47:	December 8th—April 7th
1947-48:	December 8th—April 7th

As will be seen from this statement, it is in fact only during January and February that uninterrupted operations have been carried on. As to comparable operations for December, only data from 1936-37 to 1939-40 and from 1946-47 to 1947-48 are available.

In table *e*, page 12, is recorded the number of whales killed in each month and in table *f*, page 13, is given the percentage of the various species for each month. On the basis of these data the whaling results can be directly compared in January and February for all years, and in December for the years mentioned above.

From these records we learn that the number of blue-whales killed in December and January was much lower during the last season than in the years

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

Species of whales and seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1936-37..	4	542	8,279	11,804	¹⁾ 9,966	2,207	—	¹⁾ 32,802	¹⁾ 32,821
	1937-38..	—	1,180	11,062	14,075	12,716	5,110	—	44,143	44,152
	1938-39..	—	1,353	10,138	12,626	9,986	¹⁾ 2,562	—	¹⁾ 36,665	¹⁾ 36,681
	1939-40..	—	151	¹⁾ 4,079	6,020	5,509	1,417	—	¹⁾ 17,176	²⁾ 31,709
	1940-41..	—	306	1,075	552	4	362	64	2,363	15,495
	—	—	—	—	—	—	—	—	—	—
	1943-44..	—	—	—	143	307	326	61	837	837
	1944-45..	—	29	499	488	361	218	—	1,595	1,595
<i>Blue-whales.</i>	1945-46..	—	58	1,316	3,237	3,749	2,452	624	11,436	11,474
	1946-47..	—	351	4,549	6,256	5,768	5,363	746	23,033	23,043
	1936-37..	3	409	5,235	5,332	2,701	497	—	14,177	14,183
	1937-38..	—	678	6,873	4,405	2,051	819	—	14,826	14,826
	1938-39..	—	846	5,124	4,899	2,368	602	—	13,839	13,849
	1939-40..	—	—	1,864	1,986	1,380	337	—	5,567	11,392
	1940-41..	—	230	631	220	—	11	3	1,095	4,936
	—	—	—	—	—	—	—	—	—	—
<i>Fin-whales.</i>	1943-44..	—	—	—	74	89	141	7	311	311
	1944-45..	—	7	321	318	172	96	—	914	914
	1945-46..	—	21	679	1,041	1,204	480	91	3,516	3,526
	1946-47..	—	—	2,592	2,247	1,795	1,948	282	8,864	8,865
	1936-37..	1	7	1,165	4,445	6,118	1,555	—	13,291	13,302
	1937-38..	—	24	3,210	9,079	10,131	4,007	—	26,451	26,457
	1938-39..	—	64	3,605	6,959	7,061	1,788	—	19,477	19,477
	1939-40..	—	—	1,773	3,760	4,054	1,054	—	10,641	17,757
<i>Hump-backs.</i>	1940-41..	—	36	267	166	4	346	61	880	7,084
	—	—	—	—	—	—	—	—	—	—
	1943-44..	—	—	—	69	218	185	54	526	526
	1944-45..	—	22	178	170	187	122	—	679	679
	1945-46..	—	27	545	2,121	2,514	1,962	532	7,701	7,729
	1946-47..	—	—	1,584	3,739	3,762	3,322	463	12,870	12,877
	1936-37..	—	10	1,462	1,854	1,038	96	—	4,460	4,460
	1937-38..	—	233	582	513	474	237	—	2,039	2,039
<i>Sperm-whales.</i>	1938-39..	—	134	456	235	58	—	—	883	883
	1939-40..	—	—	2	—	—	—	—	2	2
	1940-41..	—	30	120	128	—	1	—	279	2,675
	—	—	—	—	—	—	—	—	—	—
	1945-46..	—	—	—	—	—	—	—	—	—
	1946-47..	—	—	—	—	—	—	1	1	1
	1936-37..	—	116	417	173	97	51	—	854	856
	1937-38..	—	245	397	78	60	41	—	821	824
<i>Sei-whales.</i>	1938-39..	—	309	953	533	499	168	—	2,462	2,468
	1939-40..	—	151	439	274	74	26	—	964	1,853
	1940-41..	—	10	57	38	—	4	—	109	778
	—	—	—	—	—	—	—	—	—	—
	1945-46..	—	10	92	75	29	9	1	216	216
	1946-47..	—	351	373	270	211	91	—	1,296	1,298
	1936-37..	—	—	—	—	11	8	—	19	19
	1937-38..	—	—	—	—	—	6	—	6	6
<i>Sei-whales.</i>	1938-39..	—	—	—	—	—	¹⁾ 4	—	¹⁾ 4	¹⁾ 4
	1939-40..	—	—	—	—	1	—	—	1	1
	1940-41..	—	—	—	—	—	—	—	—	22
	—	—	—	—	—	—	—	—	—	—
	1944-45..	—	—	—	—	2	—	—	2	2
	1945-46..	—	—	—	—	2	1	—	3	3
1946-47..	—	—	—	—	—	2	—	2	2	

¹⁾ 1 right-whale included. ²⁾ 1 right-whale, 703 "Baleen whales" included.

Table g.—Average size of whales killed in the Antarctic, by whaling grounds and species of whales 1935/36—1946/47.

Whaling grounds and species of whales.	1935 -36	1936 -37	1937 -38	1938 -39	1939 -40	1940 -41	1941 -42	1942 -43	1943 -44	1944 -45	1945 -46	1946 -47
Pelagic whaling.	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	76.70	76.29	77.26	76.66	76.69	75.59	—	—	75.78	76.34	76.77	76.84
Females	78.99	78.77	79.70	79.57	79.74	80.03	—	—	79.87	79.29	79.85	79.72
Total animals.....	77.75	77.49	78.42	78.11	78.17	77.92	—	—	77.93	77.91	78.25	78.29
<i>Fin-whales.</i>												
Males	66.16	66.44	66.35	65.73	65.84	64.75	—	—	65.19	66.25	66.07	65.83
Females	69.43	69.55	69.72	68.92	68.96	67.88	—	—	67.55	68.89	69.20	69.00
Total animals.....	67.72	67.80	67.86	67.21	67.29	66.26	—	—	66.29	67.33	67.48	67.43
<i>Humpbacks.</i>												
Males	40.20	39.77	39.62	37.69	—	40.75	—	—	—	—	—	—
Females	42.26	41.39	41.95	40.47	—	43.15	—	—	—	—	—	—
Total animals.....	41.43	40.59	41.07	39.64	—	42.35	—	—	—	—	—	—
South Georgia.												
<i>Blue-whales, total ...</i>	74.27	71.79	70.89	75.81	72.41	—	72.96	73.20	73.00	73.38	73.41	77.09
<i>Fin-whales, total ...</i>	64.66	63.56	64.52	65.37	62.88	—	64.65	64.78	65.23	65.36	66.16	67.54
<i>Humpbacks, total ...</i>	40.29	39.82	41.53	—	—	—	42.83	—	40.50	42.03	41.47	38.57
<i>Sperm-whales, total..</i>	48.00	50.82	50.53	50.33	46.42	—	48.25	44.08	50.17	48.91	47.74	45.05

before the war, a result not to be anticipated when the total number of blue-whales killed is considered. The February catch on the other hand must be characterized as rather good in comparison with the previous seasons. During the month of March there was killed an exceptionally high number of blue-whales. The March figures can be compared with those of the season 1945-46 only, because the whaling season in the previous years, from 1935-36, closed on March 7th or 15th. In 1934-35 when operations were carried on throughout March, the blue-whale yield was lower than during the last season, notwithstanding the fact that the total number of blue-whales killed in 1934-35 was nearly twice as large.

When analyzing the percentage figures in table *f*, we observe that the blue-whale catch in proportion to the total catch had a distinctly declining tendency during the pre-war seasons. This becomes even more evident when reverting to the figures as far back as to 1929-30 (See International Whaling Statistics XIV, page 8). The corresponding figures for 1946-47 are slightly above the last pre-war years, but far below the level at the beginning of the thirties. Altogether, the figures seem to indicate that the stock of blue-whales has decreased. This is born out by the fact that the average catch per catcher exceeded 100 during the seasons up to 1936-37. Since that time the yield has been considerably lower. In 1946-47 68.7 blue-whales were killed per catcher.

It will be obvious that, the blue-whale being a more valuable unit than any of the other species, the goal is to catch the greatest number possible of

Table h.—Average size of whales killed, by species and sex 1934/35—1946/47, excl. of blue-whales less than 70', fin-whales less than 55' and humpbacks less than 35'. Antarctic, pelagic whaling.

Species of whales.	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42 and 1942-43	1943-44	1944-45	1945-46	1946-47
<i>Blue-whales.</i>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Males	78.59	77.94	77.68	77.76	77.30	77.21	77.00	—	75.88	76.48	77.15	77.56
Females	81.30	80.53	80.30	80.30	80.26	80.30	81.21	—	79.96	79.37	80.31	80.50
Total animals.	79.87	79.13	78.95	78.97	78.78	78.72	79.29	—	78.03	78.01	78.67	79.06
<i>Fin-whales.</i>												
Males	66.46	66.25	66.50	66.38	65.80	65.91	64.91	—	65.28	66.28	66.11	65.94
Females	69.08	69.50	69.65	69.76	68.97	69.03	68.03	—	67.61	68.89	69.24	69.10
Total animals.	67.69	67.80	67.88	67.89	67.28	67.36	66.42	—	66.37	67.55	67.51	67.53
<i>Humpbacks.</i>												
Males	40.59	40.61	40.54	39.92	38.11	—	40.75	—	—	—	—	—
Females	42.72	42.56	42.18	42.22	40.75	—	43.31	—	—	—	—	—
Total animals.	41.77	41.79	41.38	41.36	39.98	—	42.45	—	—	—	—	—

blue-whales. The technical equipment has also improved considerably after the war. As an example may be mentioned that the average size of the catchers during the season 1934–35 was 250 gross ton with an engine capacity of 894 I.H.P., whereas the average gross tonnage in 1946–47 was 320 and the propelling power 1,266 I.H.P. It might consequently have been assumed that the number of blue-whales killed per catcher had kept level, particularly when taking into consideration the comparatively high *total* yield per catcher in 1946–47. The whaling results therefore seem to indicate a declining trend in the stock of blue-whales.

In the tables *g*, *h* and *i*, page 14–16, are recorded data of the average length of whales killed, and of the mature and immature animals. When comparing these data it must be observed that since 1934–35 several regulations have been in force, forbidding the killing of whales below certain lengths.

During the seasons 1934–35 until and including 1936–37 a voluntary agreement had been arrived at, fixing the minimum length of blue-whales at 65 feet, fin-whales at 50 feet, and humpbacks at 35 feet. The International Agreement for the Regulation of Whaling, Article 7, limits the minimum lengths as follows:—

Blue-whales 70 feet
 Fin-whales 55 „
 Humpbacks 35 „

In order to obtain comparable figures we have in table *h*, above, deducted in the calculations all blue-whales below 70 feet, all fin-whales below 55 feet and all humpbacks below 35 feet.

Table i.—Antarctic, pelagic whaling. Catch of immature and mature whales 1935/36—1946/47.

	1935—36.		1936—37.		1937—38.		1938—39.		1939—40.		1940—41.		1943—44.		1944—45.		1945—46.		1946—47.		
	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.	
Blue-whales.																					
Immature																					
males	2,369	26.50	2,133	29.14	1,825	23.57	1,916	27.53	765	26.73	191	36.80	—	46	31.08	110	25.64	394	21.58	1,080	23.77
females . . .	2,804	37.07	2,600	37.91	2,392	33.90	2,350	34.16	876	32.46	194	33.68	—	47	28.83	151	31.13	480	28.40	1,390	29.91
animals . . .	5,173	31.34	4,733	33.39	4,217	28.49	4,266	30.83	1,641	29.51	385	35.16	—	93	29.90	261	28.56	874	24.86	2,470	26.87
Mature																					
males	6,571	73.50	5,186	70.86	5,919	76.43	5,043	72.47	2,097	73.27	328	63.20	—	102	68.92	319	74.36	1,432	78.42	3,464	76.23
females . . .	4,761	62.93	4,258	62.09	4,665	66.10	4,530	65.84	1,823	67.54	382	66.32	—	116	71.17	334	68.87	1,210	71.60	3,257	70.09
animals . . .	11,332	68.66	9,444	66.61	10,584	71.51	9,573	69.17	3,920	70.49	710	64.84	—	218	70.10	653	71.44	2,642	75.14	6,721	73.13
Fin-whales.																					
Immature																					
males	798	16.65	1,015	13.61	2,175	14.96	2,089	20.04	1,036	18.23	128	28.13	—	58	20.50	61	15.21	588	13.86	1,156	16.30
females . . .	790	18.03	1,003	17.20	2,005	16.89	2,029	22.41	1,086	21.95	120	28.24	—	71	28.86	38	13.67	511	14.77	1,257	16.88
animals . . .	1,588	17.31	2,018	15.18	4,180	15.83	4,118	21.14	2,122	19.96	248	28.18	—	129	24.39	99	14.58	1,099	14.27	2,413	16.59
Mature																					
males	3,996	83.35	6,443	86.39	12,367	85.04	8,333	79.96	4,648	81.77	327	71.87	—	225	79.50	340	84.79	3,654	86.14	5,936	83.70
females . . .	3,592	81.97	4,830	82.80	9,865	83.11	7,026	77.59	3,862	78.05	305	71.76	—	175	71.14	240	86.33	2,948	85.23	6,191	83.12
animals . . .	7,588	82.69	11,273	84.82	22,232	84.17	15,359	78.86	8,510	80.04	632	71.82	—	400	75.61	580	85.42	6,602	85.73	12,127	83.41
Humpbacks.																					
Immature																					
males	395	31.45	789	35.80	297	38.87	177	66.54	—	—	36	38.71	—	—	—	—	—	—	—	—	—
females . . .	574	30.83	940	41.67	435	34.36	305	49.43	—	—	43	23.12	—	—	—	—	—	—	—	—	—
animals . . .	969	31.08	1,729	38.77	732	36.06	482	54.59	—	—	79	28.32	—	—	—	—	—	—	—	—	—
Mature																					
males	861	68.55	1,415	64.20	467	61.13	89	33.46	—	—	57	61.29	—	—	—	—	—	—	—	—	—
females . . .	1,288	69.17	1,316	58.33	831	65.64	312	50.57	—	—	143	76.88	—	—	—	—	—	—	—	—	—
animals . . .	2,149	68.92	2,731	61.23	1,298	63.94	401	45.41	—	—	200	71.68	—	—	—	—	—	—	—	—	—

Table j.—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.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	
Blue-whales.			Eng. ft.			Eng. ft.			Eng. ft.			Eng. ft.			Eng. ft.	
1933/34-1935/36	7,604	15.46	79.15	25,269	51.39	78.04	16,109	32.76	80.28	191	0.39	80.62	49,173	100	78.96	49,267
1936-37	4,158	29.33	78.45	4,940	34.84	77.26	5,079	35.83	76.93	—	—	—	14,177	100	77.49	14,183
1937-38	2,821	19.06	78.84	6,223	42.04	78.40	5,757	38.90	78.23	—	—	—	14,801	100	78.42	14,826
1938-39	3,440	24.86	79.03	4,469	32.29	77.24	4,920	35.55	78.92	1,010	7.30	79.72	13,839	100	78.11	13,849
1939-40	3,441	61.88	78.23	734	33.20	76.84	1,386	24.92	78.72	—	—	—	5,561	100	78.17	11,392
1940-41 ¹	881	80.46	77.78	214	19.54	78.52	—	—	—	—	—	—	1,095	100	77.92	4,936
1943-44	311	100.00	77.93	—	—	—	—	—	—	—	—	—	311	100	77.93	311
1944-45	914	100.00	77.91	—	—	—	—	—	—	—	—	—	914	100	77.91	914
1945-46	599	17.04	78.29	2,917	82.96	78.24	—	—	—	—	—	—	3,516	100	78.25	3,526
1946-47	1,858	20.96	78.63	2,968	33.48	78.41	3,345	37.74	78.13	693	7.82	77.60	8,864	100	78.29	8,865
1933/34-1946/47	26,027	23.19	78.71	47,734	42.52	77.95	36,596	32.60	78.92	1,894	1.69	79.03	112,251	100	78.46	122,069
Fin-whales.																
1933/34-1935/36	6,736	25.66	68.13	15,399	58.67	67.40	4,093	15.60	69.61	18	0.07	69.55	26,246	100	67.94	26,313
1936-37	6,004	45.17	67.76	5,002	37.64	68.08	2,285	17.19	67.31	—	—	—	13,291	100	67.80	13,302
1937-38	11,505	43.56	67.63	8,297	31.41	67.89	6,610	25.03	68.21	—	—	—	26,412	100	67.86	26,457
1938-39	6,257	32.13	67.40	5,711	29.32	66.46	5,547	28.48	67.46	1,962	10.07	68.11	19,477	100	67.21	19,477
1939-40	7,840	73.74	67.39	2,218	20.86	66.88	574	5.40	67.49	—	—	—	10,632	100	67.29	17,757
1940-41 ¹	831	94.43	66.19	49	5.57	67.41	—	—	—	—	—	—	880	100	66.26	7,084
1943-44	529	100.00	66.29	—	—	—	—	—	—	—	—	—	529	100	66.29	526
1944-45	679	100.00	67.33	—	—	—	—	—	—	—	—	—	679	100	67.33	679
1945-46	4,901	63.64	67.68	2,800	36.36	67.12	—	—	—	—	—	—	7,701	100	67.48	7,729
1946-47	4,657	36.19	66.69	4,382	34.05	68.51	3,353	26.05	67.24	478	3.71	65.91	12,870	100	67.43	12,877
1933/34-1946/47	49,939	42.07	67.52	43,858	36.94	67.51	22,462	18.92	68.04	2,458	2.07	67.69	118,717	100	67.62	132,201
Humpbacks.																
1933/34-1935/36	458	7.88	40.45	2,513	43.21	41.21	2,840	48.84	41.01	4	0.07	43.00	5,815	100	41.05	5,829
1936-37	242	5.43	41.86	2,780	62.33	40.51	1,438	32.24	40.54	—	—	—	4,460	100	40.59	4,462
1937-38	335	16.50	40.96	829	40.84	41.01	866	42.66	41.17	—	—	—	2,080	100	41.07	2,039
1938-39	—	—	—	—	—	—	859	97.28	39.63	24	2.72	39.79	883	100	39.64	883
1940-41 ¹	231	82.80	42.60	48	17.20	41.17	—	—	—	—	—	—	279	100	42.35	2,675
1941-45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1946-47	1	100.00	48.00	—	—	—	—	—	—	—	—	—	1	100	—	1
1933/34-1946/47	1,267	9.41	41.23	6,170	45.81	40.87	6,003	44.57	40.72	28	0.21	40.21	13,468	100	40.32 ²	15,891

¹) Summary for 3 expeditions. ²) 2 whales caught in the season 1939-40 are included.

Table k.—Number of whales killed during the seasons 1933/34—1946/47.

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	26,027	23.19	49,939	42.07	1,267	9.41	1,675	20.32	78,908	31.23
III	47,734	42.52	43,858	36.94	6,170	45.81	3,583	43.46	101,345	40.11
IV	36,596	32.60	22,462	18.92	6,003	44.57	2,880	34.93	67,941	26.89
V	1,894	1.69	2,458	2.07	28	0.21	106	1.29	4,486	1.77
Total	112,251	100.00	118,717	100.00	13,468	100.00	8,244	100.00	252,680	100.0

Table l.—Number of whales killed during the seasons 1933/34—1946/47.

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-whales ...	26,027	32.98	47,734	47.10	36,596	53.86	1,894	42.22	112,251	44.43
Fin-whales ...	49,939	63.29	43,858	43.28	22,462	33.06	2,458	54.79	118,717	46.98
Humpbacks ...	1,267	1.61	6,170	6.09	6,003	8.84	28	0.63	13,468	5.33
Sperm-whales..	1,675	2.12	3,583	3.53	2,880	4.24	106	2.36	8,244	3.26
Total	78,908	100.00	101,345	100.00	67,941	100.00	4,486	100.00	252,680	100.00

Table m.—Number and gross tonnage of floating factories and catchers engaged in pelagic whaling in the Antarctic 1933/34—1946/47.

Seasons	Floating factories			Catchers			
	Number	Gross tonnage	Average gross tonnage per fl. factory	Number	Gross tonnage	Average per catcher of:	
						Gross tonnage	I.H.P.
1933-34....	19	238,616	12,559	112	28,672	256	883
1934-35....	23	263,379	11,451	143	36,322	254	894
1935-36....	24	289,309	12,054	165	42,405	257	907
1936-37....	30	370,380	12,346	184	51,888	282	1,028
1937-38....	31	408,332	13,172	244	71,980	295	1,107
1938-39....	34	467,534	13,751	270	80,460	298	1,139
1939-40....	28	382,650	13,666	238	70,954	298	1,127
1940-41....	11	163,725	14,884	86	27,520	320	1,206
— — — —	—	—	—	—	—	—	—
1943-44....	1	14,362	14,362	8	2,180	310	1,238
1944-45....	1	12,215	12,215	8	2,180	310	1,238
1945-46....	9	123,499	13,722	77	24,326	316	1,239
1946-47....	15	198,179	13,212	129	41,301	320	1,266

In the publication „Hvalrødets skrifter” the pelagic activities of the Norwegian floating factories are shown separately for the following 4 areas:—

Area II between 0° and 60° west.

Area III „ 0° and 70° east.

Area IV „ 70° east and 130° east.

Area V „ 130° east and 170° west.

It has now been possible to distinguish between the catch within the demarcations of these 4 areas for the seasons 1933-34 to 1946-47. This distinction

Table n.—Antarctic, pelagic whaling results for the various countries 1934/35—1947/48.

Seasons	All countries			Norway			British Empire			Japan			Germany		
	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed
		Barrels ¹⁾			Barrels			Barrels			Barrels			Barrels	
1934-35...	30,233	2,345,858	143	15,463	1,183,897	78	14,557	1,149,006	62	213	12,955	3	-	-	-
1935-36...	29,206	2,293,153	165	14,421	1,116,033	82	11,697	927,174	63	639	44,145	5	-	-	-
1936-37...	32,821	2,576,479	184	²⁾ 15,039	³⁾ 1,158,665	82	11,617	943,570	65	1,959	156,587	13	920	61,992	6
1937-38...	44,152	3,250,064	244	²⁾ 14,960	³⁾ 1,157,993	83	15,286	1,114,865	80	5,582	388,683	30	5,237	356,858	33
1938-39...	36,681	2,709,281	270	²⁾ 11,521	³⁾ 842,712	90	10,541	847,127	74	7,540	483,476	49	5,066	374,149	41
1939-40...	31,709	2,479,471	228	11,040	909,790	79	11,279	856,819	81	6,990	538,862	51	-	-	-
1940-41...	15,495	1,055,510	88	2,387	203,317	21	3,116	229,780	16	9,992	622,413	51	-	-	-
1941-42-43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1943-44...	837	82,000	8	837	82,000	8	-	-	-	-	-	-	-	-	-
1944-45...	1,595	148,000	8	1,595	148,000	8	-	-	-	-	-	-	-	-	-
1945-46...	11,474	739,775	77	6,765	501,528	44	4,709	238,247	33	-	-	-	-	-	-
1946-47...	23,043	1,794,424	129	11,766	937,318	57	8,946	671,501	44	1,175	73,295	12	-	-	-
1947-48 ⁴⁾	28,232	1,937,470	162	14,623	990,643	84	10,172	698,385	50	1,323	104,912	12	-	-	-

Seasons	Panama			United States			Holland			Sovjet Russia			Denmark		
	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed	Number of whales killed	Oil production	Number of catchers employed
		Barrels			Barrels			Barrels			Barrels			Barrels	
1934-35...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1935-36...	2,449	205,801	15	-	-	-	-	-	-	-	-	-	-	-	-
1936-37...	2,389	181,495	13	-	-	-	-	-	-	-	-	-	897	74,170	5
1937-38...	1,527	117,650	10	1,560	114,015	8	-	-	-	-	-	-	-	-	-
1938-39...	907	68,853	8	1,106	92,964	8	-	-	-	-	-	-	-	-	-
1939-40...	1,421	113,000	8	979	61,000	9	-	-	-	-	-	-	-	-	-
1940-41...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1941-42-43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1943-44...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1944-45...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1945-46...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946-47...	-	-	-	-	-	-	770	77,310	8	386	35,000	8	-	-	-
1947-48 ⁴⁾	-	-	-	-	-	-	1,290	85,130	8	824	58,400	8	-	-	-

¹⁾ Barrel = $\frac{1}{2}$ ton (1 ton = 1,016 kg). ²⁾ Including the catch of two Norwegian expeditions hired by Germany—in 1936-37 1,756 whales, in 1937-38 2,158 whales, and in 1938-39 1,658 whales. ³⁾ Including the production of two Norwegian expeditions hired by Germany—in 1936-37 134,200 barrels, in 1937-38 180,750 barrels, and in 1938-39 118,383 barrels. ⁴⁾ Provisional figures.

Table o.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
1919-20	987	1,673	79	71	8	1) ¹⁾ 14	2,832	147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) ¹⁾ 13	3,682	177,137	5	—	21	175
1921-22	2,570	710	9	103	3	—	3,395	249,042	5	—	20	170
1922-23	3,569	1,445	320	10	19	—	5,363	347,553	5	1	23	233
1923-24	1,927	1,378	130	191	49	—	3,675	247,463	6	—	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	—	4,185	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) ¹⁾ 1	2,736	187,938	5	—	27	101
1931-32	438	1,735	6	16	10	—	2,205	122,205	2	—	12	184
1932-33	267	727	—	2	—	—	996	54,583	1	—	6	166
1933-34	536	1,728	92	—	7	—	2,363	132,187	2	—	11	215
1934-35	556	836	37	125	21	—	1,575	108,141	2	—	10	158
1935-36	1,221	520	41	—	3	—	1,785	143,185	2	—	10	179
1936-37	121	1,079	17	471	70	—	1,758	81,629	2	—	12	147
1937-38	97	1,552	40	155	43	—	1,887	90,266	2	—	12	157
1938-39	232	1,307	—	19	117	—	1,675	111,490	2	—	11	152
1939-40	88	937	—	80	85	1) ¹⁾ 1	1,191	64,782	2	—	12	99
1940-41	7	747	—	88	26	—	868	44,498	1	—	5	174
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	28	632	4	197	101	—	962	50,001	1	—	7	137
1944-45	128	987	60	76	45	—	1,296	75,540	1	—	7	185
1945-46	80	1,456	238	82	57	—	1,913	78,877	3	—	16	120
1946-47	327	1,670	28	391	133	1) ¹⁾ 1	2,550	145,318	3	—	18	142

¹⁾ Right-whale.

has been maintained for practically the entire catch. For the seasons 1939-40 and 1940-41, however, information is missing in regard to Japanese and British operations. The figures are given in table *j* page 17.

On the basis of particulars recorded in table *j*, page 17, summary statements have been prepared in tables *k* and *l*, page 18.

As previously mentioned 15 factory ships were engaged during the season 1946-47. It appears from table *m*, page 18, that the average gross tonnage of the factory ships has been fairly constant from the beginning of the thirties. On the other hand the average gross tonnage of catchers as well as their average I.H.P. has increased considerably.

The nations participating in pelagic whaling in the Antarctic season 1946-47 have been mentioned on page 7. Table *n*, page 19, records the whaling results of the individual countries. As will be seen from this table, Norway and the British Empire are predominating in respect to the number of whales killed and oil production as well as to the catchers employed. In this table preliminary data for 1947-48 have also been added. The aggregate of whales killed during this season has exceeded 28,000 by pelagic operations. If we include the results of the 3 land stations, the aggregate amounts to 31,179 whales

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>	1937-38.....	33	131	421	659	333	203	107	-	1,887	1,887
	1938-39.....	51	240	453	332	218	343	38	-	1,675	1,675
	1939-40.....	8	124	318	341	218	172	10	-	1,191	1,191
	1940-41.....	-	-	-	-	-	-	-	-	-	868
	1941-42.....	5	87	185	237	118	179	61	-	872	1,425
	1942-43.....	-	91	238	292	107	162	92	16	998	998
	1943-44.....	-	25	171	211	177	110	121	7	822	962
	1944-45.....	-	91	436	332	150	156	126	5	1,296	1,296
	1945-46.....	46	360	455	349	296	315	92	-	1,913	1,913
1946-47.....	136	468	458	580	410	456	42	-	2,550	2,550	
<i>Blue-whales.</i>	1937-38.....	4	3	15	36	34	4	1	-	97	97
	1938-39.....	-	7	131	35	24	32	3	-	232	232
	1939-40.....	1	33	9	28	15	2	-	-	88	88
	1940-41.....	-	-	-	-	-	-	-	-	-	7
	1941-42.....	-	1	9	11	2	3	-	-	26	59
	1942-43.....	-	29	75	17	2	1	1	-	125	125
	1943-44.....	-	2	9	10	-	1	2	-	24	28
	1944-45.....	-	31	12	9	14	26	36	-	128	128
	1945-46.....	7	50	11	1	5	5	1	-	80	80
1946-47.....	12	90	142	51	26	6	-	-	327	327	
<i>Fin-whales.</i>	1937-38.....	28	118	381	600	264	90	71	-	1,552	1,552
	1938-39.....	51	232	318	292	189	211	14	-	1,307	1,307
	1939-40.....	7	87	296	299	154	86	10	-	939	939
	1940-41.....	-	-	-	-	-	-	-	-	-	747
	1941-42.....	5	83	164	208	92	123	42	-	717	1,189
	1942-43.....	-	62	163	275	94	141	32	9	776	776
	1943-44.....	-	23	146	176	49	45	101	3	543	632
	1944-45.....	-	60	420	305	91	81	30	-	987	987
	1945-46.....	37	274	274	308	278	232	53	-	1,456	1,456
1946-47.....	122	368	298	505	189	168	20	-	1,670	1,670	
<i>Hump-backs.</i>	1937-38.....	-	-	20	18	2	-	-	-	40	40
	1941-42.....	-	-	11	1	-	-	-	-	12	16
	1942-43.....	-	-	-	-	-	-	-	-	-	-
	1943-44.....	-	-	-	4	-	-	-	-	4	4
	1944-45.....	-	-	-	6	3	6	45	-	60	60
	1945-46.....	-	29	168	33	1	6	1	-	238	238
1946-47.....	1	5	10	9	3	-	-	-	28	28	
<i>Sperm-whales.</i>	1937-38.....	1	10	5	5	-	18	4	-	43	43
	1938-39.....	-	1	4	5	5	87	15	-	117	117
	1939-40.....	-	4	13	4	29	34	-	-	84	84
	1940-41.....	-	-	-	-	-	-	-	-	-	26
	1941-42.....	-	3	1	13	8	30	16	-	71	109
	1942-43.....	-	-	-	-	7	16	1	-	24	24
	1943-44.....	-	-	16	12	19	21	17	4	89	101
	1944-45.....	-	-	4	12	14	12	-	3	45	45
1945-46.....	2	7	2	6	8	15	17	-	57	57	
1946-47.....	1	5	7	3	6	89	22	-	133	133	
<i>Sei-whales.</i>	1937-38.....	-	-	-	-	33	91	31	-	155	155
	1938-39.....	-	-	-	-	-	13	6	-	19	19
	1939-40.....	-	-	-	10	20	50	-	-	80	80
	1940-41.....	-	-	-	-	-	-	-	-	-	88
	1941-42.....	-	-	-	4	16	23	3	-	46	52
	1942-43.....	-	-	-	-	4	4	58	7	73	73
	1943-44.....	-	-	-	9	109	43	1	-	162	197
	1944-45.....	-	-	-	-	28	31	15	2	76	76
1945-46.....	-	-	-	1	4	57	20	-	82	82	
1946-47.....	-	-	1)	12	186	193	-	-	392	392	

1) Right-whale.

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

Species of whales and seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.	
<i>Total animals</i>	1937-38	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1938-39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<i>Blue-whales</i>	1937-38	12.1	2.3	3.6	5.5	10.2	2.0	0.9	—	5.2	5.2
	1938-39	—	2.9	28.9	10.5	11.0	9.3	7.9	—	13.9	13.9
	1939-40	12.5	26.6	2.8	8.2	6.9	1.2	—	—	7.4	7.4
	1940-41	—	—	—	—	—	—	—	—	—	0.8
	1941-42	—	1.1	4.3	4.6	1.7	1.7	—	—	2.9	4.1
	1942-43	—	31.9	31.5	5.8	1.9	0.6	1.1	—	12.5	12.5
	1943-44	—	8.0	5.3	4.7	—	0.9	1.7	—	2.9	2.9
	1944-45	—	34.1	2.8	2.7	9.3	16.7	28.6	—	9.9	9.9
	1945-46	15.2	13.9	2.4	0.3	1.7	1.6	1.1	—	4.2	4.2
1946-47	8.8	19.2	31.0	8.8	6.3	1.3	—	—	12.8	12.8	
<i>Fin-whales</i>	1937-38	84.9	90.1	90.5	91.0	79.3	44.3	66.4	—	82.2	82.2
	1938-39	100.0	96.7	70.2	88.0	86.7	61.5	36.8	—	78.0	78.0
	1939-40	87.5	70.2	93.1	87.7	70.6	50.0	100.0	—	78.8	78.8
	1940-41	—	—	—	—	—	—	—	—	—	86.1
	1941-42	100.0	95.4	89.1	87.8	78.0	68.7	68.9	—	82.3	83.4
	1942-43	—	68.1	68.5	94.2	87.9	87.0	34.8	56.3	77.8	77.8
	1943-44	—	92.0	85.4	83.4	27.7	40.9	83.5	42.9	66.1	65.7
	1944-45	—	65.9	96.3	91.9	60.7	51.9	23.8	—	76.2	76.2
	1945-46	80.4	76.1	60.2	88.2	93.9	73.6	57.6	—	76.1	76.1
1946-47	89.7	78.6	65.1	87.1	46.1	36.9	47.6	—	65.5	65.5	
<i>Hump-backs</i>	1937-38	—	—	4.7	2.7	0.6	—	—	—	2.1	2.1
	1941-42	—	—	6.0	0.4	—	—	—	—	1.4	1.1
	1942-43	—	—	—	—	—	—	—	—	—	—
	1943-44	—	—	—	1.9	—	—	—	—	0.5	0.4
	1944-45	—	—	—	1.8	2.0	3.8	35.7	—	4.6	4.6
	1945-46	—	8.1	36.9	9.5	0.3	1.9	1.1	—	12.4	12.4
1946-47	0.8	1.1	2.2	1.5	0.7	—	—	—	1.1	1.1	
<i>Sperm-whales</i>	1937-38	3.0	7.6	1.2	0.8	—	8.9	3.7	—	2.3	2.3
	1938-39	—	0.4	0.9	1.5	2.3	25.4	39.5	—	7.0	7.0
	1939-40	—	3.2	4.1	1.2	13.3	19.8	—	—	7.1	7.1
	1940-41	—	—	—	—	—	—	—	—	—	3.0
	1941-42	—	3.5	0.6	5.5	6.8	16.8	26.2	—	8.1	7.7
	1942-43	—	—	—	—	6.5	9.9	1.1	—	2.4	2.4
	1943-44	—	—	9.3	5.7	10.7	19.1	14.0	—	10.8	10.5
	1944-45	—	—	0.9	3.6	9.3	7.8	—	60.0	3.5	3.5
	1945-46	4.4	1.9	0.5	1.7	2.7	4.8	18.5	—	3.0	3.0
1946-47	0.7	1.1	1.5	0.5	1.5	19.5	52.4	—	5.2	5.2	
<i>Sei-whales</i>	1937-38	—	—	—	—	9.9	44.8	29.0	—	8.2	8.2
	1938-39	—	—	—	—	—	3.8	15.8	—	1.1	1.1
	1939-40	—	—	—	2.9	9.2	29.0	—	—	6.7	6.7
	1940-41	—	—	—	—	—	—	—	—	—	10.1
	1941-42	—	—	—	1.7	13.5	12.8	4.9	—	5.3	3.7
	1942-43	—	—	—	—	3.7	2.5	63.0	43.7	7.3	7.3
	1943-44	—	—	—	4.3	61.6	39.1	0.8	—	19.7	20.5
	1944-45	—	—	—	—	18.7	19.8	11.9	40.0	5.8	5.8
	1945-46	—	—	—	0.3	1.4	18.1	21.7	—	4.3	4.3
1946-47	—	—	0.2	2.1	45.4	42.3	—	—	15.4	15.4	

Table r.—South Georgia. Catch of immature and mature whales 1936/37—1946/47.

	1936—37.		1937—38.		1938—39.		1939—40.		1940—41.	1941—42.		1942—43.		1943—44.		1944—45.		1945—46.		1946—47.		
	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.	
Blue-whales.																						
Immature males	42	71.19	25	73.53	44	44.90	37	84.09	—	9	81.82	37	64.91	10	90.91	39	73.58	28	77.78	66	45.2	
females	40	64.52	51	80.95	65	48.51	35	79.55	—	13	86.67	53	77.94	8	61.54	54	72.00	30	68.18	53	29.3	
animals	82	67.77	76	78.35	109	46.98	72	81.82	—	22	84.62	90	72.00	18	75.00	93	72.66	58	72.50	119	36.4	
Mature males	17	28.81	9	26.47	54	55.10	7	15.91	—	2	18.18	20	35.09	1	9.09	14	26.42	8	22.22	80	54.8	
females	22	35.48	12	19.05	69	51.49	9	20.45	—	2	13.33	15	22.06	5	38.46	21	28.00	14	31.82	128	70.7	
animals	39	32.23	21	21.65	123	53.02	16	18.18	—	4	15.38	35	28.00	6	25.00	35	27.34	22	27.50	208	63.6	
Fin-whales.																						
Immature males	242	42.61	313	37.89	188	30.72	226	46.22	—	125	34.53	121	28.54	87	30.10	133	27.71	167	20.59	139	19.9	
females	255	49.90	286	39.39	231	33.24	256	57.14	—	146	41.13	135	38.35	91	35.83	180	35.50	152	23.57	140	14.4	
animals	497	46.06	599	38.60	419	32.06	482	51.44	—	271	37.80	256	32.99	178	32.78	313	31.71	319	21.91	279	16.7	
Mature males	326	57.39	513	62.11	424	69.28	263	53.78	—	237	65.47	303	71.46	202	69.90	347	72.29	644	79.41	559	80.1	
females	256	50.10	440	60.61	464	66.76	192	42.86	—	209	58.87	217	61.65	163	64.17	327	64.50	493	76.43	832	85.6	
animals	582	53.94	953	61.40	888	67.94	455	48.56	—	446	62.20	520	67.01	365	67.22	674	68.29	1,137	78.09	1,391	83.3	

Table s.—Average production of oil per blue-whale unit.¹⁾

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

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

killed, yielding a total production of 2,101,035 barrels of whale- and sperm-oil. 17 factory ships participated in addition to the 3 land stations in operation. A total of 184 catchers were engaged.

South Georgia.

The development of whaling off South Georgia since 1919-20 will appear from table *o*, page 20.

The 3 land stations operating from South Georgia in 1946-47 killed 2,550 whales and produced 145,318 barrels of oil. Of the whales 327 were blue-whales, 1,670 fin-whales, 28 humpbacks, 391 sei-whales, 133 sperm-whales and 1 right-whale. The result was considerably larger than in the preceding season, when the same land stations produced 78,877 barrels of oil. The meagre result in that season was, however, mainly due to the fact that 2 of the stations commenced operations late. As compared with the catch from 2 land stations with 10-12 catchers in the last pre-war seasons the catch in 1946-47 was on about the same level.

Tables *p* and *q*, pages 21 and 22, give the catch off South Georgia by months in absolute and percentage figures, and table *r*, page 23, gives the proportion between mature and immature whales.

The output of oil per blue-whale unit in 1946-47 was high in respect to South Georgia as well as to the pelagic whaling. Before the war only one season showed a higher average yield. (See table *s* above.)

Table t.—Antarctic whaling results for the various countries 1935/36—1946/47. Absolute and percentage figures.

Years.	All countries.		Norway.		British Empire.		Japan.		Germany.		Panama.		Others.	
	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.	Number of whales.	Oil production.
<i>Absolute figures</i>		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾
1935-36...	30,991	2,436,338	14,421	1,116,033	12,538	995,167	639	44,145	—	—	2,449	205,801	944	75,192
1936-37...	34,579	2,658,108 ²⁾	15,039 ²⁾	1,158,665	12,361	977,822	1,959	156,587	920	61,992	2,389	181,495	1,911	121,547
1937-38...	46,039	3,340,330 ²⁾	14,960 ²⁾	1,157,993	16,111	1,153,365	5,582	388,683	5,237	356,858	1,527	117,650	2,622	165,781
1938-39...	38,356	2,820,771 ²⁾	11,521 ²⁾	842,712	11,192	891,791	7,540	483,476	5,066	374,149	907	68,853	2,130	159,790
1939-40...	32,900	2,544,253	11,040	909,790	11,765	882,169	6,990	538,862	—	—	1,421	113,000	1,684	100,432
1940-41...	16,363	1,100,008	2,387	203,317	3,116	229,780	9,992	622,413	—	—	—	—	868	44,498
1941-42...	1,425	77,819	—	—	—	359	17,012	—	—	—	—	—	1,066	60,807
1942-43...	998	50,960	—	—	—	—	—	—	—	—	—	—	998	50,960
1943-44...	1,799	132,001	837	82,000	—	—	—	—	—	—	—	—	962	50,001
1944-45...	2,891	223,540	1,595	148,000	—	—	—	—	—	—	—	—	1,296	75,540
1945-46...	13,387	818,652	7,246	520,873	5,059	252,751	—	—	—	—	—	—	1,082	45,028
1946-47...	25,593	1,939,742	12,533	980,838	9,872	725,469	1,175	73,295	—	—	—	—	2,013	160,140
<i>Percentage figures</i>	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1935-36...	100.0	100.0	46.5	45.8	40.4	40.9	2.0	1.8	—	—	7.9	8.4	3.2	3.1
1936-37...	100.0	100.0	43.5	43.6	35.7	36.8	5.7	5.9	2.7	2.3	6.9	6.8	5.5	4.6
1937-38...	100.0	100.0	32.5	34.7	35.0	34.5	12.1	11.6	11.4	10.7	3.3	3.5	5.7	5.0
1938-39...	100.0	100.0	30.0	29.9	29.2	31.6	19.7	17.1	13.2	13.3	2.4	2.4	5.5	5.7
1939-40...	100.0	100.0	33.6	35.8	35.8	34.7	21.2	21.2	—	—	4.3	4.4	5.1	3.9
1940-41...	100.0	100.0	14.6	18.5	19.0	20.9	61.1	56.6	—	—	—	—	5.3	4.0
1941-42...	100.0	100.0	—	—	25.2	21.9	—	—	—	—	—	—	74.8	78.1
1942-43...	100.0	100.0	—	—	—	—	—	—	—	—	—	—	100.0	100.0
1943-44...	100.0	100.0	46.5	62.1	—	—	—	—	—	—	—	—	53.5	37.9
1944-45...	100.0	100.0	55.2	66.2	—	—	—	—	—	—	—	—	44.8	33.8
1945-46...	100.0	100.0	54.1	63.6	37.8	30.9	—	—	—	—	—	—	8.1	5.5
1946-47...	100.0	100.0	49.0	50.6	38.6	37.4	4.6	3.8	—	—	—	—	7.8	8.2

¹⁾ Barrel = 1/6 ton (ton = 1,016 kg). ²⁾ Including the catch of two Norwegian expeditions hired by Germany—in 1936-37 1,756 whales, in 1937-38 2,158 whales, and in 1938-39 1,658 whales. ³⁾ Including the production of two Norwegian expeditions hired by Germany—in 1936-37 134,200 barrels, in 1937-38 180,750 barrels, and in 1938-39 118,380 barrels.

The total whaling results in the Antarctic are in table *t* distributed in respect to the various participating countries. It appears from this table that Norway and the British Empire together accounted for 88 per cent of the total catch, somewhat less than during the previous season, but more than during the last pre-war seasons when Japan and Germany played a not unimportant part in these operations.

During the last two seasons whaling has been strongly stimulated by the high whale-oil prices. In 1947 the price amounted to £ 90–100 per ton. In the thirties the highest price quoted was £ 23. This increased price does not, however, mean a corresponding increase in the earning of the companies. The new post-war material represents considerably larger values, and the operating expenses of the companies are much higher than in the years before the war.

During the season 1946–47 6,966 men were employed in the Antarctic whaling industry. Of these 4,506 were Norwegians in Norwegian and alien companies, 878 were Japanese, 657 British, 379 Russians, 90 South-Africans and the rest, 456, were of other nationalities. Consequently, 65 per cent of the participants were Norwegians, while 49 per cent of the catch was taken by Norwegian companies.

Table No. 1.—Whaling in the Antarctic in the season 1946/47.

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	327	1,670	28	²⁾ 392	133	2,550	Barrel = ¹⁾ / ₆ ton. ¹⁾ 145,318	3	—	18
Antarctic, pelagic whaling	8,865	12,877	1	2	1,298	23,043	1 794,424	—	15	129
Total	9,192	14,547	29	²⁾ 394	1,431	25,593	1 939,742	3	15	147

¹⁾ 1 ton = 1,016 kg. ²⁾ 1 Right-whale included.

Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1946/47.

Countries. Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Norway:—							Barrel = ¹⁾ / ₆ ton. ¹⁾			
South Georgia . . .	88	505	8	²⁾ 140	26	767	43,520	1	—	6
Antarctic, pelagic	4,344	6,776	—	—	646	11,766	937,318	—	7	57
British Empire:—										
South Georgia . . .	110	677	10	92	37	926	53,968	1	—	6
Antarctic, pelagic	3,273	5,043	—	2	628	8,946	671,501	—	4	44
Holland:—										
Antarctic, pelagic	401	354	—	—	15	770	77,310	—	1	8
Japan:—										
Antarctic, pelagic	693	478	—	—	4	1,175	³⁾ 73,295	—	2	12
Argentina:—										
South Georgia . . .	129	488	10	160	70	857	47,830	1	—	6
Sovjet Russia:—										
Antarctic, pelagic	154	226	1	—	5	386	abt.35,000	—	1	8
Total	9,192	14,547	29	²⁾ 394	1,431	25,593	1,939,742	3	15	147

¹⁾ 1 ton = 1,016 kg. ²⁾ 1 Right-whale included. ³⁾ Additional produce: 22,166.83 metr.tons frozen/salted Whale-Meat and Blubber.

Table No. 3.—Average size of whales caught in the Antarctic in the season 1946/47.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>Blue-whales.</u>				
<i>South Georgia</i>	No. 1	Engl. feet. 74.72	Engl. feet. 80.50	Engl. feet. 77.87
Males 146 } Total 327.	" 2	74.76	78.33	76.83
Females 181 }	" 3	74.07	78.74	76.60
Average		74.47	79.21	77.09
<i>Antarctic, pelagic whaling</i>	No. 1	77.39	81.01	79.45
Males 4,398 } Total 8,864.	" 2	78.17	80.62	79.37
Females 4,466 }	" 3	77.09	81.14	79.37
	" 4	77.29	80.23	78.80
	" 5	77.15	80.03	78.56
	" 6	76.70	80.28	78.56
	" 7	76.57	79.74	78.36
	" 8	76.35	79.78	78.11
	" 9	76.85	79.45	78.08
	" 10	75.43	79.97	77.99
	" 11	77.17	78.92	77.99
	" 12	76.41	78.81	77.67
	" 13	76.43	78.83	77.57
	" 14	76.22	78.68	77.35
	" 15	76.10	78.24	77.08
Average		76.84	79.72	78.29
<u>Fin-whales.</u>				
<i>South Georgia</i>	No. 1	65.79	69.36	67.93
Males 698 } Total 1,670.	" 2	65.40	69.13	67.51
Females 972 }	" 3	64.93	68.73	67.17
Average		65.38	69.09	67.54
<i>Antarctic, pelagic whaling</i>	No. 1	67.49	71.08	69.30
Males 6,394 } Total 12,870.	" 2	67.04	70.50	68.71
Females 6,476 }	" 3	66.88	70.29	68.60
	" 4	67.01	70.23	68.59
	" 5	66.34	70.57	68.56
	" 6	66.64	70.38	68.49
	" 7	66.66	70.35	68.47
	" 8	66.74	69.54	68.24
	" 9	66.22	69.51	68.02
	" 10	65.49	68.55	66.98
	" 11	65.07	67.53	66.19
	" 12	65.10	66.91	65.96
	" 13	65.03	66.78	65.84
	" 14	64.48	66.73	65.63
	" 15	63.52	66.52	65.08
Average		65.83	69.00	67.43

Table No 3. (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>Humpbacks.</u>				
<i>South Georgia</i>	No. 1	43.00	42.20	42.13
Males 14 } Total 28.	" 2	38.25	38.67	38.50
Females 14 }	" 3	38.00	30.67	35.80
Average		38.93	38.21	38.57
<i>Antarctic, pelagic whaling</i>	-	-	48.00	48.00
Female 1.				
<u>Sei-whales.</u>				
<i>South Georgia</i>	No. 1	48.62	51.02	50.02
Males 137 } Total 391.	" 2	47.91	50.62	49.71
Females 254 }	" 3	46.76	48.03	47.68
Average		48.00	50.22	49.44
<i>Antarctic, pelagic whaling</i>	-	46.50	-	46.50
Males 2.				
<u>Right-whales.</u>				
<i>South Georgia</i>	-	-	48.00	48.00
Female 1.				
<u>Sperm-whales.</u>				
<i>South Georgia</i>	No. 1	46.09	-	46.09
Males 133	" 2	45.12	-	45.12
	" 3	43.03	-	43.03
Average		45.05	-	45.05
<i>Antarctic, pelagic whaling</i>	No. 1	53.20	-	53.20
Males 1,296.	" 2	52.14	-	52.14
	" 3	51.71	-	51.71
	" 4	51.44	-	51.44
	" 5	51.09	-	51.09
	" 6	50.64	-	50.64
	" 7	50.49	-	50.49
	" 8	50.31	-	50.31
	" 9	50.30	-	50.30
	" 10	50.25	-	50.25
	" 11	49.80	-	49.80
	" 12	49.50	-	49.50
	" 13	48.06	-	48.06
Average		50.77	-	50.77

Table No. 4.—Whales caught in the Antarctic in the season 1946/47, 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.	
59	2	—	2	85	75	274	349
60	2	3	5	86	36	203	239
61	2	5	7	87	17	150	167
62	4	2	6	88	9	124	133
63	3	10	13	89	3	95	98
64	12	9	21	90	3	84	87
65	15	15	30	91	—	39	39
66	31	18	49	92	—	17	17
67	26	24	50	93	—	19	19
68	22	15	37	94	—	7	7
69	4	4	8	95	—	6	6
70	257	202	459	96	—	1	1
71	233	168	401	97	—	1	1
72	224	131	355	98	—	1	1
73	243	148	391	99	—	—	—
74	269	191	460	100	—	1	1
75	357	224	581	101	—	1	1
76	396	221	617	Sum	4,544	4,647	1) 9,191
77	337	202	539	Average size { Males: 76.76 feet Females: 79.70 " Total animals: 78.24 "			
78	431	268	699				
79	377	270	647				
80	413	369	782				
81	265	285	550				
82	221	278	499				
83	155	292	447				
84	100	270	370				
				Per cent { Males: 49.44 Females: 50.56			

1) 1 blue-whale has not been measured.

Fin-whales.

48	1	—	1	70	523	790	1,313
49	—	—	—	71	239	647	886
50	2	1	3	72	109	592	701
51	2	1	3	73	73	577	650
52	2	1	3	74	33	480	513
53	4	1	5	75	16	382	398
54	3	—	3	76	5	210	215
55	57	49	106	77	2	112	114
56	82	54	136	78	4	54	58
57	76	73	149	79	—	27	27
58	92	62	154	80	—	11	11
59	103	78	181	81	—	3	3
60	220	147	367	87	—	1	1
61	247	134	381	Sum	7,092	7,448	1) 14,540
62	265	160	425	Average size { Males: 65.78 feet Females: 69.01 " Total animals: 67.44 "			
63	378	203	581				
64	636	293	929				
65	877	367	1,244				
66	824	407	1,231				
67	863	434	1,297				
68	762	504	1,266				
69	592	593	1,185				
				Per cent { Males: 48.78 Females: 51.22			

1) 7 fin-whales have not been measured.

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	1	2	44	1	2	3
31	-	2	2	45	1	2	3
32	-	-	-	46	-	-	-
33	-	-	-	47	-	-	-
34	-	-	-	48	-	1	1
35	-	1	1	Sum	14	15	29
36	3	2	5	Average size { Males: 38.93 feet Females: 38.87 " Total animals: 38.90 " Per cent { Males: 48.28 Females: 51.72			
37	2	1	3				
38	-	-	-				
39	-	2	2				
40	2	-	2				
41	4	-	4				
42	-	-	-				
43	-	1	1				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
38	-	3	3	53	-	35	35
39	-	-	-	54	1	23	24
40	-	1	1	55	-	4	4
41	-	-	-	56	-	-	-
42	-	1	1	57	-	-	-
43	4	2	6	58	-	1	1
44	5	3	8	Sum	139	254	393
45	13	9	22	Average size { Males: 47.98 feet Females: 50.22 " Total animals: 49.42 " Per cent { Males: 35.37 Females: 64.63			
46	10	5	15				
47	18	13	31				
48	28	22	50				
49	26	26	52				
50	25	45	70				
51	4	32	36				
52	5	29	34				

Right-whales.

Engl. feet.	Number of females.
48	1

Table No. 4 (continued).

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.	Engl. feet.	Number of males.
36	1	46	74	56	35
37	1	47	56	57	15
38	6	48	88	58	5
39	8	49	137	59	3
40	14	50	167	60	-
41	6	51	171	61	1
42	15	52	156	Sum	1) 1,429
43	25	53	165	Average size:	
44	33	54	118	Males: 50.23 feet.	
45	50	55	79		

1) 2 sperm-whales have not been measured.

a. South Georgia.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
70	26	16	42	85	-	10	10
71	17	7	24	86	-	7	7
72	14	7	21	87	-	6	6
73	9	2	11	88	-	3	3
74	9	8	17	89	-	2	2
75	15	8	23	90	-	2	2
76	7	5	12	95	-	1	1
77	13	5	18	Sum	146	181	327
78	12	12	24	Average size { Males: 74.47 feet			
79	11	18	29	Females: 79.21 "			
80	6	23	29	Total animals: 77.09 "			
81	4	8	12	Per cent { Males: 44.65			
82	2	9	11	Females: 55.35			
83	1	10	11				
84	-	12	12				

Fin-whales.

55	6	11	17	73	7	88	95
56	10	10	20	74	4	58	62
57	14	14	28	75	1	45	46
58	14	6	20	76	2	22	24
59	13	7	20	77	-	6	6
60	32	13	45	78	-	6	6
61	22	12	34	79	-	2	2
62	28	16	44	80	-	-	-
63	30	19	49	81	-	1	1
64	64	32	96	Sum	698	972	1,670
65	106	39	145	Average size { Males: 65.38 feet			
66	72	66	138	Females: 69.09 "			
67	81	54	135	Total animals: 67.54 "			
68	66	57	123	Per cent { Males: 41.80			
69	61	81	142	Females: 58.20			
70	38	119	157				
71	19	94	113				
72	8	94	102				

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	1	2	42	-	-	-
31	-	2	2	43	-	1	1
32	-	-	-	44	1	2	3
33	-	-	-	45	1	2	3
34	-	-	-	Sum	14	14	28
35	-	1	1	Average size { Males: 38.93 feet			
36	3	2	5	{ Females: 38.21 "			
37	2	1	3	{ Total animals: 38.57 "			
38	-	-	-	Per cent { Males: 50.00			
39	-	2	2	{ Females: 50.00			
40	2	-	2				
41	4	-	4				

Sei-whales.

38	-	3	3	52	5	29	34
39	-	-	-	53	-	35	35
40	-	1	1	54	1	23	24
41	-	-	-	55	-	4	4
42	-	1	1	58	-	1	1
43	4	2	6	Sum	137	254	391
44	5	3	8	Average size { Males: 48.00 feet			
45	12	9	21	{ Females: 50.22 "			
46	10	5	15	{ Total animals: 49.44 "			
47	18	13	31	Per cent { Males: 35.04			
48	27	22	49	{ Females: 64.96			
49	26	26	52				
50	25	45	70				
51	4	32	36				

Right-whales.

Engl. feet.	Number of females.
48	1

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
36	1	48	5
37	1	49	5
38	6	50	8
39	7	51	4
40	9	52	3
41	6	53	3
42	9	54	3
43	15	55	4
44	16	56	2
45	12	Sum	133
46	12		
47	2		

Average size: Males: 45.05 feet.

Table No. 4 (continued).

b. Antarctic, pelagic whaling

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
59	2	—	2	85	75	264	339
60	2	3	5	86	36	196	232
61	2	5	7	87	17	144	161
62	4	2	6	88	9	121	130
63	3	10	13	89	3	93	96
64	12	9	21	90	3	82	85
65	15	15	30	91	—	39	39
66	31	18	49	92	—	17	17
67	26	24	50	93	—	19	19
68	22	15	37	94	—	7	7
69	4	4	8	95	—	5	5
70	231	186	417	96	—	1	1
71	216	161	377	97	—	1	1
72	210	124	334	98	—	1	1
73	234	146	380	99	—	—	—
74	260	183	443	100	—	1	1
75	342	216	558	101	—	1	1
76	389	216	605				
77	324	197	521	Sum	4,398	4,466	¹⁾ 8,864
78	419	256	675				
79	366	252	618				
80	407	346	753	Average size	{ Males: 76.84 feet		
81	261	277	538		{ Females: 79.72 "		
82	219	269	488		{ Total animals: 78.29 "		
83	154	282	436	Per cent	{ Males: 49.62		
84	100	258	358		{ Females: 50.38		

¹⁾ 1 blue-whale has not been measured.

Fin-whales.

48	1	—	1	70	485	671	1,156
49	—	—	—	71	220	553	773
50	2	1	3	72	101	498	599
51	2	1	3	73	66	489	555
52	2	1	3	74	29	422	451
53	4	1	5	75	15	337	352
54	3	—	3	76	3	188	191
55	51	38	89	77	2	106	108
56	72	44	116	78	4	48	52
57	62	59	121	79	—	25	25
58	78	56	134	80	—	11	11
59	90	71	161	81	—	2	2
60	188	134	322	87	—	1	1
61	225	122	347	Sum	6,394	6,476	¹⁾ 12,870
62	237	144	381				
63	348	184	532				
64	572	261	833	Average size	{ Males: 65.83 feet		
65	771	328	1,099		{ Females: 69.00 "		
66	752	341	1,093		{ Total animals: 67.43 "		
67	782	380	1,162	Per cent	{ Males: 49.68		
68	696	447	1,143		{ Females: 50.32		
69	531	512	1,043				

¹⁾ 7 fin-whales have not been measured.

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of females.
48	1

Sei-whales.

Engl. feet.	Number of males.
45	1
48	1
Sum	2

Average size: 46.50 feet.

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.	Engl. feet.	Number of males.
39	1	48	83	57	15
40	5	49	132	58	5
41	—	50	159	59	3
42	6	51	167	60	—
43	10	52	153	61	1
44	17	53	162		
45	38	54	115	Sum	1) 1,296
46	62	55	75	Average size: 50.77 feet	
47	54	56	33		

1) 2 sperm-whales have not been measured.

Table No. 5.—Whales caught in the Antarctic in the season 1946/47, by species, sex and groups of size.**Total Antarctic.****Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	687	7.47
„ 2. (71 feet to and incl. 85 feet)	7,687	83.64
„ 3. (above 85 feet).....	817	8.89
	9,191	100.00
Immature males	1,080	11.75
„ females	1,390	15.12
„ animals	2,470	26.87
Mature males	3,464	37.69
„ females	3,257	35.44
„ animals	6,721	73.13

Table No. 5 (continued).

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	124	0.85
„ 2. (56 feet to and incl. 65 feet)	4,547	31.27
„ 3. (above 65 feet).....	9,869	67.88
	14,540	100.00
Immature males.....	1,156	7.95
„ females.....	1,257	8.64
„ animals.....	2,413	16.59
Mature males	5,936	40.83
„ females.....	6,191	42.58
„ animals	12,127	83.41

a. South Georgia.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	42	12.85
„ 2. (71 feet to and incl. 85 feet).....	264	80.73
„ 3. (above 85 feet).....	21	6.42
	327	100.00
Immature males.....	66	20.18
„ females.....	53	16.21
„ animals.....	119	36.39
Mature males	80	24.47
„ females	128	39.14
„ animals	208	63.61

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less).....	17	1.02
» 2. (56 feet to and including 65 feet)	501	30.00
» 3. (above 65 feet).....	1,152	68.98
	1,670	100.00
Immature males	139	8.33
„ females.....	140	8.38
„ animals	279	16.71
Mature males.....	559	33.47
„ females	832	49.82
„ animals	1,391	83.29

Table No. 5 (continued).

b. Antarctic, pelagic whaling.**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less)	645	7.28
„ 2. (71 feet to and including 85 feet)	7,423	83.74
„ 3. (above 85 feet)	796	8.98
	8,864	100.00
Immature males	1,014	11.44
„ females	1,337	15.08
„ animals	2,351	26.52
Mature males	3,384	38.18
„ females	3,129	35.30
„ animals	6,513	73.48

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	107	0.83
„ 2. (56 feet to and including 65 feet)	4,046	31.44
„ 3. (above 65 feet)	8,717	67.73
	12,870	100.00
Immature males	1,017	7.90
„ females	1,117	8.68
„ animals	2,134	16.58
Mature males	5,377	41.78
„ females	5,359	41.64
„ animals	10,736	83.42

Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1946/47.

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. ¹⁾	Oil production.	
			Total.	Per blue-whale equivalent. .
			Barrels. ²⁾	Barrels. ²⁾
<i>South Georgia</i>	No. 1	367.4	42,448	115.5
	„ 2	467.8	52,323	111.8
	„ 3	403.7	44,560	110.4
	Average	—	—	112.5
<i>Antarctic, pelagic whaling</i>	No. 1	575.5	76,596	133.1
	„ 2	1,200.0	156,195	130.2
	„ 3	267.4	34,750	130.0
	„ 4	1,059.0	135,995	128.4
	„ 5	1,310.5	159,737	121.9
	„ 6	625.5	76,260	121.9
	„ 7	1,213.0	142,644	117.6
	„ 8	1,036.0	120,721	116.5
	„ 9	1,679.5	184,673	110.0
	„ 10	900.0	98,381	109.3
	„ 11	1,581.0	169,923	107.5
	„ 12	1,095.8	114,361	104.4
	„ 13	1,808.5	184,839	102.2
	„ 14	540.5	51,175	94.7
	„ 15	386.5	22,120	57.2
Average	—	—	113.1	

¹⁾ This refers to whales worked up. ²⁾ Barrel = 1/6 ton. (1 ton = 1,016 kg).

Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1946/47.

Blue-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.
Engl. feet.		Engl. feet.	
70	7	87	69
71	3	88	62
72	2	89	60
73	2	90	49
74	10	91	15
75	25	92	10
76	22	93	7
77	39	94	2
78	59	95	2
79	68	96	1
80	110	97	1
81	104	98	—
82	111	99	—
83	108	100	—
84	110	101	1
85	129		
86	101	Total	1,289

Number of foetuses measured 1,297
of which twin pairs 8

Total number of blue-whale females measured 4,647, of which pregnant animals 1,289, or 27.74 per cent. Total number of mature blue-whale females (above 76 feet) measured 3,257, of which pregnant animals 1,218, or 37.40 per cent.

Table No. 7 (cont.).

Fin-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.
Engl. feet.		Engl. feet.	
56	1	74	232
57	—	75	167
58	—	76	94
59	—	77	52
60	3	78	32
61	2	79	10
62	5	80	6
63	8	81	3
64	13	82	—
65	41	83	—
66	43	84	—
67	101	85	—
68	132	86	—
69	170	87	1
70	248		
71	242		
72	246	Total	2,095
73	243		

Number of foetuses measured 2,099
of which twin pairs 4

Total number of fin-whale females measured 7,448, of which pregnant animals 2,095, or 28.13 per cent. Total number of mature fin-whale females (above 64 feet) measured 6,191, of which pregnant animals 2,063, or 33.32 per cent.

1 foetus with 2 heads.

Humpback females.

Length of mothers.	Number of pregnant animals.
Engl. feet.	
45	1
48	1
Total	2

Number of foetuses measured 2.

Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.
Engl. feet.		Engl. feet.	
47	1	53	5
48	4	54	6
49	7	55	2
50	18		
51	6	Total	53
52	4		

Number of foetuses measured 54
of which twin pairs 1

Table No. 8.—Whale foetuses measured in the Antarctic in the season 1946/47, by species and groups of size, in each month.

		Blue-whale foetuses.							
Groups of size.		Oct.	Nov.	Dec.	Jan.	Febr.	March.	April.	Total.
Engl. feet.									
Less than	1'	2	—	2	—	—	—	—	4
	1'—1' 11"	—	1	3	1	—	—	—	5
	2'—2' 11"	1	2	5	3	1	—	—	12
	3'—3' 11"	—	2	33	10	—	—	—	45
	4'—4' 11"	—	6	59	20	2	—	—	87
	5'—5' 11"	—	3	77	31	7	1	—	119
	6'—6' 11"	—	2	52	44	11	—	1	110
	7'—7' 11"	—	1	53	49	17	4	—	124
	8'—8' 11"	—	—	29	45	25	12	—	111
	9'—9' 11"	—	—	21	32	20	5	1	79
	10'—10' 11"	—	1	14	29	22	31	2	99
	11'—11' 11"	—	—	6	22	21	23	—	72
	12'—12' 11"	—	—	3	17	43	25	1	89
	13'—13' 11"	—	—	—	12	12	22	1	47
	14'—14' 11"	—	—	1	9	12	31	1	54
	15'—15' 11"	—	—	1	8	8	43	4	64
	16'—16' 11"	—	—	—	7	11	30	6	54
	17'—17' 11"	—	—	—	—	5	22	3	30
	18'—18' 11"	—	—	—	1	3	24	3	31
	19'—19' 11"	—	—	—	—	3	8	2	13
	20'—20' 11"	—	—	—	—	3	14	6	23
	21'—21' 11"	—	—	—	—	1	14	—	15
	22'—22' 11"	—	—	—	—	—	6	1	7
	23'—23' 11"	—	—	—	—	—	—	1	1
	24'—24' 11"	—	—	—	—	—	—	—	—
	25'—25' 11"	—	—	—	—	—	1	—	1
	26'—26' 11"	—	—	—	—	—	—	1	1
Total blue-whale foetuses		3	18	359	340	227	316	34	1,297
Average size of foetuses		1' 1"	4' 4"	6' 1"	7' 11"	11' 0"	14' 6"	16' 7"	9' 10"

Fin-whale foetuses.

		Fin-whale foetuses.							
Groups of size.		Oct.	Nov.	Dec.	Jan.	Febr.	March.	April.	Total.
Engl. feet.									
Less than	1'	2	5	6	3	1	—	—	17
	1'—1' 11"	12	21	12	10	1	—	—	56
	2'—2' 11"	4	24	33	32	11	1	—	105
	3'—3' 11"	1	14	54	57	17	1	—	144
	4'—4' 11"	1	12	72	93	28	15	1	222
	5'—5' 11"	—	6	71	107	51	16	—	251
	6'—6' 11"	—	6	40	112	76	37	4	275
	7'—7' 11"	—	1	21	82	63	31	1	199
	8'—8' 11"	—	—	9	64	80	58	3	214
	9'—9' 11"	—	—	3	43	55	44	7	152
	10'—10' 11"	—	—	1	22	55	56	8	142
	11'—11' 11"	—	—	—	7	30	32	4	73
	12'—12' 11"	—	—	—	3	34	55	6	98
	13'—13' 11"	—	—	—	—	12	28	5	45
	14'—14' 11"	—	—	1	—	4	29	7	41
	15'—15' 11"	—	—	—	—	3	17	5	25
	16'—16' 11"	—	—	—	—	2	15	3	20
	17'—17' 11"	—	—	—	—	—	3	3	6
	18'—18' 11"	—	—	—	—	—	7	2	9
	19'—19' 11"	—	—	—	1	—	1	1	3
	20'—20' 11"	—	—	—	—	—	—	2	2
Total fin-whale foetuses		20	89	323	636	523	446	62	2,099
Average size of foetuses		1' 7"	2' 10"	4' 6"	5' 10"	7' 10"	10' 1"	12' 1"	7' 0"

Table No. 8 (continued).

Humpback foetuses.

Groups of size.	Jan.	March.	Total.
Engl. feet.			
Less than 2'.....	—	—	—
2'—2' 11".....	1	—	1
7'—7' 11".....	—	1	1
Total humpback foetuses	1	1	2
Average size of foetuses	2' 0"	7' 0"	—

Sei-whale foetuses.

Groups of size.	Jan.	Febr.	March.	April.	Total.
Engl. feet.					
Less than 1'.....	—	—	—	—	—
1'— 1' 11".....	—	1	—	—	1
2'— 2' 11".....	—	—	—	—	—
3'— 3' 11".....	—	1	—	—	1
4'— 4' 11".....	2	3	—	—	5
5'— 5' 11".....	—	2	—	—	2
6'— 6' 11".....	1	5	4	—	10
7'— 7' 11".....	—	3	2	—	5
8'— 8' 11".....	—	5	5	—	10
9'— 9' 11".....	—	4	9	—	13
10'—10' 11".....	—	1	1	—	2
11'—11' 11".....	—	1	2	—	3
12'—12' 11".....	—	—	1	—	1
13'—13' 11".....	—	—	—	—	—
14'—14' 11".....	—	—	—	—	—
15'—15' 11".....	—	—	1	—	1
Total sei-whale foetuses	3	26	25	—	54
Average size of foetuses.....	4' 8"	6' 9"	8' 9"	—	7' 7"

Table No. 9.—Whale foetuses measured in the Antarctic in the season 1946/47, 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.			
Blue-whale foetuses.					
October.....	1	2	—	3	50
November.....	12	6	—	18	200
December.....	187	171	1	359	109
January.....	165	175	—	340	94
February.....	116	109	2	227	106
March.....	137	179	—	316	77
April.....	14	19	1	34	74
Total	632	661	4	1,297	96

Table No. 9 (continued).

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
Fin-whale foetuses.					
October	13	7	—	20	186
November	34	54	1	89	63
December	165	156	2	323	106
January	293	338	5	636	87
February	268	251	4	523	107
March	226	220	—	446	103
April	29	33	—	62	88
Total	1,028	1,059	12	2,099	97
Humpback foetuses.					
January	1	—	—	1	—
March	1	—	—	1	—
Total	2	—	—	2	—
Sei-whale foetuses.					
January	1	2	—	3	50
February	15	11	—	26	136
March	9	16	—	25	56
Total	25	29	—	54	86

Table No. 10.—Whale foetuses measured in the Antarctic
in the season 1946/47.

Blue-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.	
12/10 46	95	0' 4"	M	28/11 46	80	5' 0"	F	4/12 46	74	6' 0"	M
29/10 "	82	2' 0"	F	" "	82	10' 0"	F	" "	80	3' 0"	M
" "	80	0' 10"	F	" "	81	2' 0"	M	" "	81	8' 0"	F
4/11 "	78	4' 0"	M	29/11 "	75	6' 0"	M	5/12 "	90	3' 6"	M
7/11 "	79	1' 3"	M	" "	74	4' 0"	F	6/12 "	81	7' 0"	F
13/11 "	86	3' 0"	M	" "	75	2' 0"	M	" "	89	12' 0"	M
15/11 "	89	4' 0"	M	30/11 "	75	4' 0"	M	8/12 "	74	6' 0"	M
22/11 "	86	5' 0"	M	" "	85	5' 0"	F	" "	87	2' 6"	M
25/11 "	83	4' 0"	M	1/12 "	79	6' 0"	M	" "	80	3' 0"	M
26/11 "	77	7' 0"	F	2/12 "	85	8' 0"	M	" "	92	5' 2"	F
27/11 "	77	3' 6"	M	" "	78	6' 0"	M	" "	80	7' 0"	F
" "	82	6' 0"	F	3/12 "	75	4' 6"	F	" "	81	5' 0"	M
" "	80	4' 0"	M	" "	81	0' 3"	M	" "	79	5' 6"	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.	
8/12 46	82	3' 6"	M	12/12 46	82	9' 0"	F	16/12 46	78	4' 6"	F
" "	80	6' 0"	F	" "	82	5' 0"	M	" "	78	5' 0"	F
" "	84	5' 0"	F	" "	82	4' 6"	F	" "	89	1' 6"	F
" "	75	8' 0"	M	" "	93	5' 0"	F	" "	80	4' 6"	M
" "	85	3' 0"	F	" "	83	4' 0"	F	" "	87	4' 0"	F
9/12 "	79	6' 0"	M	" "	83	4' 0"	M	" "	90	3' 0"	M
" "	76	4' 0"	M	" "	84	5' 6"	M	" "	83	7' 0"	F
" "	83	5' 0"	M	" "	91	5' 5"	M	" "	88	9' 0"	F
" "	85	4' 0"	F	" "	86	4' 0"	F	17/12 "	83	3' 6"	M
" "	88	4' 0"	F	" "	86	4' 0"	F	" "	84	5' 0"	F
" "	78	4' 0"	F	" "	92	4' 0"	M	" "	80	5' 0"	M
" "	83	5' 6"	F	" "	79	2' 9"	F	" "	81	4' 0"	F
" "	83	3' 0"	M	" "	84	8' 4"	M	" "	89	7' 0"	M
" "	86	1' 1"	F	" "	81	9' 0"	M	" "	80	5' 0"	M
" "	80	5' 0"	F	" "	84	3' 0"	F	" "	84	5' 0"	M
" "	81	3' 0"	M	" "	86	10' 9"	F	" "	81	8' 0"	M
" "	91	0' 6"	F	13/12 "	84	8' 0"	F	" "	88	5' 0"	F
" "	85	6' 0"	F	" "	88	6' 6"	F	" "	84	8' 0"	F
" "	78	4' 1"	M	" "	83	6' 0"	F	18/12 "	85	5' 0"	F
" "	84	4' 1"	M	" "	84	4' 0"	M	" "	84	5' 6"	M
" "	85	4' 1"	F	" "	81	5' 0"	M	" "	83	7' 0"	M
10/12 "	86	7' 6"	F	" "	82	5' 0"	F	" "	88	6' 0"	M
" "	81	5' 6"	M	" "	80	5' 0"	M	" "	81	7' 0"	F
" "	85	7' 0"	M	" "	83	5' 0"	M	" "	80	5' 0"	M
" "	84	4' 0"	M	" "	88	10' 0"	F	" "	80	6' 0"	F
" "	80	4' 0"	F	" "	85	7' 0"	M	" "	82	5' 0"	M
" "	81	5' 0"	F	" "	78	4' 4"	M	" "	81	4' 6"	M
" "	78	3' 0"	M	" "	77	3' 6"	M	" "	77	4' 6"	M
" "	90	4' 0"	M	14/12 "	82	5' 6"	F	19/12 "	86	7' 0"	F
" "	86	7' 0"	M	" "	83	5' 0"	F	" "	88	7' 6"	F
" "	81	6' 0"	M	" "	86	5' 0"	M	" "	84	7' 0"	M
" "	75	4' 0"	M	" "	84	4' 6"	F	" "	79	5' 6"	F
" "	79	4' 0"	M	" "	88	8' 0"	F	" "	90	5' 0"	F
" "	76	4' 0"	M	" "	81	7' 0"	F	" "	82	5' 0"	M
" "	80	5' 0"	F	" "	80	6' 0"	M	" "	75	6' 0"	M
" "	85	5' 0"	F	" "	85	3' 0"	F	" "	78	5' 0"	F
" "	83	5' 0"	F	" "	86	6' 0"	F	" "	84	5' 0"	F
" "	79	3' 6"	F	" "	87	8' 0"	F	" "	85	5' 0"	M
" "	82	3' 3"	F	" "	82	7' 8"	M	" "	83	6' 0"	F
11/12 "	78	6' 0"	M	" "	84	5' 0"	M	" "	80	7' 0"	F
" "	83	7' 0"	F	" "	87	5' 0"	M	" "	86	7' 0"	M
" "	86	7' 0"	M	" "	83	7' 0"	F	" "	82	7' 10"	M
" "	76	4' 0"	F	15/12 "	83	9' 0"	M	" "	81	8' 1"	F
" "	89	6' 0"	F	" "	72	4' 0"	M	20/12 "	80	3' 0"	F
" "	89	5' 0"	M	" "	89	9' 0"	M	" "	80	6' 6"	F
" "	84	5' 0"	M	" "	82	6' 0"	F	" "	90	9' 0"	M
" "	87	6' 0"	M	" "	85	6' 0"	F	" "	72	3' 0"	F
" "	86	5' 8"	F	" "	77	5' 0"	F	" "	89	6' 0"	M
" "	77	4' 6"	M	" "	85	6' 0"	M	" "	82	5' 0"	F
" "	80	6' 0"	M	" "	86	7' 0"	F	" "	88	6' 6"	M
" "	82	9' 0"	F	" "	81	3' 0"	M	" "	82	3' 0"	F
" "	79	3' 0"	F	" "	83	7' 0"	M	" "	84	5' 0"	F
" "	78	4' 0"	F	" "	78	8' 6"	M	" "	85	6' 0"	F
" "	74	3' 0"	F	" "	86	9' 4"	F	" "	82	7' 0"	F
" "	84	5' 0"	F	" "	81	8' 0"	F	" "	81	4' 0"	M
" "	87	4' 0"	M	" "	84	10' 0"	M	" "	79	5' 0"	F
12/12 "	79	1' 6"	M	" "	80	5' 0"	M	" "	81	5' 0"	M
" "	80	4' 6"	M	" "	80	5' 0"	F	" "	83	7' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
20/12 46	91	3' 0"	M	26/12 46	84	7' 0"	M	29/12 46	88	3' 8"	M
21/12 "	80	6' 0"	M	" "	82	4' 0"	F	30/12 "	76	8' 0"	F
" "	87	7' 0"	M	" "	79	8' 0"	F	" "	84	6' 0"	F
" "	85	5' 0"	F	" "	85	3' 0"	M	" "	81	4' 6"	F
" "	77	6' 0"	F	" "	93	6' 0"	F	" "	86	8' 0"	M
" "	85	7' 0"	M	27/12 "	78	4' 6"	F	" "	80	4' 0"	F
" "	84	7' 0"	M	" "	79	6' 0"	M	" "	80	4' 0"	F
" "	83	4' 0"	M	" "	79	5' 0"	M	" "	89	7' 0"	F
" "	86	8' 0"	M	" "	87	7' 0"	F	" "	82	9' 8"	M
" "	85	4' 0"	M	" "	87	3' 0"	M	" "	85	5' 10"	F
" "	76	7' 0"	M	" "	90	5' 1"	M	" "	83	11' 0"	M
" "	87	7' 0"	F	" "	87	4' 6"	F	" "	90	4' 0"	M
" "	78	4' 6"	M	" "	85	10' 0"	M	" "	82	9' 8"	F
" "	81	3' 0"	M	" "	83	7' 0"	M	" "	88	3' 6"	M
" "	79	4' 0"	F	" "	85	9' 0"	F	" "	85	10' 6"	M
" "	78	7' 0"	M	28/12 "	87	7' 0"	F	" "	81	5' 0"	M
22/12 "	87	2' 0"	F	" "	81	5' 0"	M	" "	77	7' 0"	M
" "	76	3' 0"	F	" "	86	6' 0"	M	" "	85	14' 0"	F
" "	82	6' 0"	F	" "	85	6' 0"	M	" "	86	9' 0"	F
" "	85	10' 0"	M	" "	85	9' 0"	M	" "	86	15' 0"	F
" "	87	8' 0"	M	" "	88	2' 0"	M	" "	83	8' 0"	F
" "	86	8' 0"	F	" "	88	5' 0"	F	" "	83	4' 5"	F
" "	78	5' 3"	F	" "	86	8' 0"	M	" "	79	4' 0"	M
" "	84	10' 0"	F	" "	79	4' 0"	F	" "	80	5' 4"	M
" "	83	6' 0"	M	" "	83	3' 6"	M	31/12 "	83	6' 0"	F
" "	77	5' 0"	M	" "	86	7' 6"	M	" "	85	10' 0"	M
" "	82	4' 0"	M	" "	79	7' 0"	F	" "	83	6' 0"	M
" "	89	5' 0"	M	" "	84	11' 0"	F	" "	83	3' 0"	F
" "	84	6' 0"	F	" "	80	8' 6"	M	" "	81	3' 0"	M
23/12 "	78	7' 0"	M	" "	83	5' 6"	M	" "	81	7' 0"	M
" "	80	5' 0"	F	" "	85	10' 0"	F	" "	80	7' 0"	F
" "	80	8' 0"	F	" "	90	8' 6"	F	" "	86	2' 0"	F
" "	88	7' 0"	M	" "	78	5' 0"	F	" "	79	9' 0"	F
" "	80	4' 0"	M	" "	82	4' 0"	M	" "	85	12' 0"	M
" "	89	4' 3"	F	" "	87	11' 0"	F	" "	84	11' 0"	F
24/12 "	79	6' 0"	F	" "	89	6' 0"	M	" "	83	4' 0"	M
" "	87	9' 0"	M	" "	85	4' 5"	F	" "	86	9' 0"	M
" "	82	5' 6"	M	" "	86	7' 4"	F	" "	84	10' 9"	F
" "	70	4' 0"	F	" "	86	7' 10"	M	" "	84	6' 6"	F
" "	79	5' 0"	F	" "	88	10' 8"	F	" "	85	12' 0"	F
" "	83	6' 3"	M	" "	84	7' 5"	M	" "	74	5' 0"	M
" "	86	4' 2"	M	" "	82	7' 7"	F	" "	84	9' 6"	F
" "	83	7' 4"	M	" "	76	3' 4"	M	" "	85	6' 6"	F
25/12 "	79	5' 0"	F	" "	85	8' 0"	M	" "	91	11' 0"	F
" "	85	6' 0"	M	28/12 "	87	7' 0"	F	" "	80	7' 0"	M
" "	83	6' 0"	F	" "	87	11' 0"	M	" "	81	9' 0"	M
" "	81	9' 0"	M	" "	73	8' 0"	F	" "	85	6' 3"	F
" "	81	5' 0"	M	" "	80	6' 0"	M	" "	79	8' 0"	M
" "	83	4' 6"	M	" "	83	7' 0"	M	" "	77	8' 4"	F
" "	74	5' 0"	F	" "	80	3' 0"	F	" "	77	5' 8"	M
" "	90	10' 0"	F	" "	80	6' 0"	F	" "	83	5' 4"	F
" "	91	7' 0"	M	" "	71	10' 0"	M	" "	84	10' 0"	F
" "	85	9' 0"	M	" "	74	5' 0"	F	1/1 47	82	9' 0"	M
" "	80	6' 6"	M	" "	76	8' 0"	M	" "	86	7' 0"	M
26/12 "	80	5' 6"	M	" "	84	6' 0"	M	" "	77	7' 6"	M
" "	86	6' 0"	M	" "	79	5' 0"	F	" "	81	4' 2"	M
" "	90	10' 0"	M	" "	83	8' 6"	F	" "	93	13' 0"	M
" "	84	7' 0"	M	" "	87	9' 3"	M	" "	86	12' 6"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{1}{1}$ 47	89	7' 0"	F	$\frac{5}{1}$ 47	84	4' 8"	M	$\frac{9}{1}$ 47	82	6' 0"	F
" "	80	5' 0"	M	$\frac{6}{1}$ "	78	4' 0"	F	" "	83	11' 0"	F
" "	87	11' 6"	F	" "	88	10' 0"	M	" "	81	11' 0"	M
" "	84	9' 1"	F	" "	86	8' 10"	M	" "	70	5' 0"	F
" "	85	9' 8"	M	" "	88	9' 0"	F	" "	83	10' 0"	M
" "	75	5' 4"	F	" "	88	11' 0"	F	" "	81	6' 0"	F
" "	84	6' 6"	M	" "	81	8' 0"	M	" "	79	1' 10"	F
" "	78	10' 2"	F	" "	79	9' 6"	M	$\frac{10}{1}$ "	88	6' 0"	M
" "	77	4' 10"	M	" "	84	8' 7"	F	" "	82	6' 0"	M
$\frac{2}{1}$ "	87	6' 0"	F	$\frac{7}{1}$ "	86	6' 0"	F	" "	83	8' 0"	F
" "	83	6' 0"	M	" "	86	6' 0"	M	" "	87	9' 0"	M
" "	84	7' 0"	F	" "	88	12' 0"	M	" "	85	5' 0"	M
" "	84	6' 0"	M	" "	81	6' 0"	M	" "	75	9' 0"	F
" "	86	9' 0"	M	" "	85	8' 0"	F	" "	85	14' 0"	F
" "	89	16' 0"	F	" "	78	8' 0"	M	" "	86	11' 0"	M
" "	86	8' 0"	F	" "	80	8' 0"	M	" "	83	7' 11"	F
" "	80	8' 0"	F	" "	84	7' 10"	F	$\frac{11}{1}$ "	89	10' 0"	F
" "	81	6' 0"	M	" "	88	8' 4"	M	" "	82	7' 0"	M
" "	81	7' 6"	F	" "	87	4' 0"	F	" "	77	4' 0"	M
" "	86	7' 2"	M	" "	84	13' 6"	F	" "	88	8' 0"	M
$\frac{3}{1}$ "	79	9' 0"	M	" "	84	7' 0"	M	" "	87	6' 0"	M
" "	77	11' 0"	F	" "	83	5' 0"	M	" "	78	8' 9"	M
" "	71	6' 0"	F	" "	74	6' 0"	F	" "	81	12' 6"	M
" "	83	6' 0"	M	" "	82	8' 0"	F	" "	75	7' 6"	F
" "	77	3' 0"	F	" "	86	12' 6"	M	" "	86	9' 6"	F
" "	85	10' 0"	F	" "	83	7' 9"	M	" "	75	6' 0"	F
" "	83	4' 0"	F	" "	78	4' 10"	F	" "	81	6' 3"	M
" "	79	7' 0"	F	$\frac{8}{1}$ "	89	5' 0"	F	" "	82	2' 6"	F
" "	87	8' 0"	M	" "	83	6' 0"	F	" "	80	9' 1"	M
" "	79	6' 0"	F	" "	81	10' 0"	F	" "	83	9' 0"	M
" "	88	7' 0"	M	" "	89	7' 0"	F	" "	81	13' 10"	F
" "	84	13' 0"	F	" "	77	3' 0"	M	$\frac{12}{1}$ "	79	5' 0"	F
" "	84	7' 0"	M	" "	81	6' 0"	F	" "	87	3' 6"	M
" "	82	4' 0"	F	" "	75	4' 0"	F	" "	82	6' 0"	M
" "	83	10' 0"	F	" "	81	9' 0"	F	" "	80	8' 4"	M
" "	82	14' 0"	F	" "	86	3' 0"	M	" "	75	9' 6"	M
" "	79	5' 0"	M	" "	84	7' 0"	M	" "	86	16' 0"	F
" "	82	3' 0"	F	" "	81	9' 0"	M	" "	84	9' 0"	F
" "	85	7' 0"	F	" "	89	10' 0"	F	" "	85	8' 0"	M
$\frac{4}{1}$ "	88	8' 0"	M	" "	79	9' 0"	F	" "	78	7' 10"	M
" "	87	5' 0"	M	" "	91	11' 0"	M	$\frac{13}{1}$ "	84	5' 0"	F
" "	88	5' 0"	F	" "	89	9' 0"	M	" "	85	9' 6"	F
" "	85	6' 0"	F	" "	83	5' 0"	M	" "	93	12' 0"	F
" "	85	9' 0"	M	" "	87	6' 0"	M	" "	82	5' 0"	M
" "	78	2' 10"	M	" "	91	9' 0"	F	" "	79	5' 0"	F
" "	80	9' 6"	F	" "	89	8' 0"	M	" "	84	4' 0"	F
" "	87	4' 0"	M	" "	88	4' 0"	F	" "	75	4' 0"	M
" "	83	8' 0"	F	" "	77	9' 5"	F	" "	88	8' 6"	F
" "	86	8' 0"	F	$\frac{9}{1}$ "	83	8' 0"	M	" "	85	13' 9"	F
" "	80	7' 5"	M	" "	86	7' 0"	F	" "	84	8' 0"	M
" "	78	4' 8"	F	" "	80	6' 0"	M	" "	96	7' 0"	M
$\frac{5}{1}$ "	86	6' 6"	F	" "	89	10' 0"	M	" "	86	12' 0"	F
" "	85	3' 0"	M	" "	84	6' 0"	M	" "	90	14' 0"	M
" "	83	10' 0"	F	" "	80	6' 0"	M	" "	84	5' 5"	M
" "	88	11' 0"	M	" "	80	6' 0"	F	" "	81	8' 1"	F
" "	85	5' 0"	F	" "	90	7' 0"	M	$\frac{14}{1}$ "	81	10' 8"	F
" "	86	6' 6"	F	" "	84	{7' 0"	M	" "	80	7' 6"	F
" "	82	5' 0"	F	" "	84	{7' 0"	M	" "	79	8' 6"	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.	
14/1 47	82	7' 0"	F	20/1 47	81	11' 0"	F	25/1 47	81	12' 0"	M
" "	82	10' 0"	F	" "	81	12' 0"	M	" "	83	15' 0"	M
" "	82	5' 0"	F	" "	80	15' 0"	M	26/1 "	87	12' 0"	M
" "	82	8' 3"	M	" "	79	14' 0"	F	" "	84	10' 0"	F
" "	83	9' 5"	M	" "	79	12' 0"	F	" "	82	7' 0"	M
" "	81	8' 6"	F	" "	89	3' 7"	F	" "	79	7' 0"	M
15/1 "	83	10' 6"	F	" "	81	6' 5"	M	" "	81	7' 6"	F
" "	79	8' 0"	F	" "	78	4' 1"	F	" "	83	11' 0"	F
" "	84	13' 0"	M	21/1 "	84	7' 0"	M	" "	95	13' 0"	M
" "	82	15' 0"	F	" "	89	8' 0"	M	" "	85	12' 0"	M
" "	79	5' 6"	M	" "	89	7' 0"	M	" "	87	14' 6"	M
" "	91	10' 0"	F	" "	81	7' 0"	F	" "	81	2' 11"	F
" "	78	4' 0"	F	" "	87	14' 0"	M	" "	87	10' 5"	M
" "	86	16' 0"	F	" "	83	9' 0"	F	27/1 "	88	5' 0"	M
" "	76	12' 0"	M	" "	78	7' 0"	M	" "	84	8' 0"	M
" "	89	7' 0"	F	" "	82	10' 0"	F	" "	80	5' 0"	M
" "	89	15' 0"	M	" "	79	8' 0"	M	" "	86	8' 0"	M
" "	79	8' 4"	M	" "	84	15' 6"	M	" "	87	8' 0"	M
" "	80	4' 9"	M	" "	89	16' 6"	F	" "	85	18' 1"	F
" "	78	4' 7"	F	" "	78	4' 8"	M	28/1 "	77	5' 0"	F
16/1 "	84	6' 0"	F	22/1 "	77	10' 0"	F	" "	85	7' 0"	F
" "	87	6' 0"	F	" "	80	10' 0"	F	" "	87	9' 0"	F
" "	88	13' 0"	M	" "	85	3' 0"	M	" "	80	6' 1"	F
" "	88	14' 0"	M	" "	85	3' 0"	M	" "	75	6' 8"	F
" "	85	14' 0"	F	" "	83	7' 0"	F	29/1 "	78	7' 0"	F
" "	81	6' 0"	F	" "	83	5' 0"	F	" "	84	7' 0"	M
" "	88	7' 6"	M	" "	83	8' 0"	M	" "	89	11' 0"	F
" "	82	5' 0"	M	" "	87	6' 0"	F	" "	87	16' 0"	M
" "	79	9' 9"	M	" "	75	5' 6"	M	" "	89	10' 0"	M
17/1 "	82	5' 0"	F	" "	78	8' 9"	M	" "	86	8' 0"	M
" "	89	9' 0"	F	" "	77	11' 0"	M	" "	85	6' 0"	F
" "	81	10' 0"	F	" "	77	8' 7"	M	" "	81	3' 0"	F
" "	88	5' 0"	M	23/1 "	79	7' 0"	M	" "	89	13' 4"	F
" "	86	5' 0"	F	" "	89	10' 0"	F	" "	87	13' 7"	F
" "	84	5' 0"	M	" "	86	12' 0"	F	30/1 "	80	11' 0"	M
" "	87	7' 0"	F	" "	86	12' 0"	F	" "	83	11' 0"	F
" "	86	15' 0"	M	" "	77	10' 8"	F	" "	86	10' 0"	M
" "	86	15' 1"	M	" "	81	8' 0"	F	" "	88	13' 0"	F
" "	87	8' 0"	F	" "	83	12' 10"	F	" "	76	11' 0"	F
" "	78	6' 6"	F	" "	83	11' 7"	F	" "	82	7' 0"	M
" "	85	16' 6"	M	24/1 "	80	11' 0"	F	31/1 "	84	9' 0"	F
18/1 "	84	8' 0"	M	" "	79	12' 0"	F	" "	85	10' 0"	M
" "	85	6' 0"	F	" "	80	10' 0"	M	" "	88	7' 0"	M
" "	85	9' 0"	M	" "	80	12' 0"	F	" "	77	7' 10"	F
" "	81	7' 0"	M	" "	70	5' 0"	M	1/2 "	83	7' 0"	F
" "	81	5' 6"	M	" "	88	10' 0"	M	" "	88	10' 0"	M
" "	82	8' 2"	F	" "	88	11' 0"	F	" "	85	12' 0"	M
" "	85	8' 1"	M	" "	76	7' 2"	F	" "	84	9' 0"	F
" "	79	10' 4"	M	25/1 "	91	13' 0"	F	" "	80	6' 0"	M
" "	77	7' 9"	F	" "	90	11' 0"	F	" "	82	14' 0"	M
" "	84	9' 0"	F	" "	88	8' 0"	F	" "	86	14' 6"	M
" "	81	14' 4"	F	" "	84	6' 0"	M	2/2 "	81	9' 0"	F
19/1 "	80	6' 0"	F	" "	85	15' 6"	M	" "	86	14' 0"	F
" "	80	16' 0"	M	" "	86	11' 0"	F	" "	86	9' 2"	M
" "	80	11' 0"	F	" "	71	6' 0"	M	" "	83	8' 8"	M
" "	90	8' 0"	F	" "	87	6' 0"	F	" "	84	8' 11"	M
" "	83	11' 0"	F	" "	97	10' 0"	M	" "	79	9' 0"	F
" "	70	7' 0"	M	" "	84	9' 0"	F	" "	81	18' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$2\frac{1}{2}$ 47	84	11' 0"	F	$7\frac{1}{2}$ 48	79	15' 0"	M	$16\frac{1}{2}$ 47	85	16' 0"	F
" "	83	4' 6"	F	" "	79	7' 1"	M	" "	78	11' 0"	M
$3\frac{1}{2}$ "	90	6' 0"	F	" "	82	11' 7"	F	" "	87	12' 0"	M
" "	85	9' 0"	F	$8\frac{1}{2}$ "	84	12' 0"	F	" "	"	10' 0"	F
" "	84	10' 0"	F	" "	91	12' 0"	M	" "	82	13' 0"	F
" "	90	16' 0"	F	" "	81	16' 0"	M	" "	79	11' 0"	M
" "	83	6' 0"	F	" "	81	13' 2"	F	" "	81	10' 9"	F
" "	83	13' 0"	M	" "	88	8' 5"	F	" "	78	9' 10"	F
" "	85	14' 0"	M	$9\frac{1}{2}$ "	86	11' 0"	F	$17\frac{1}{2}$ "	76	6' 0"	F
$4\frac{1}{2}$ "	80	10' 0"	M	" "	83	12' 0"	F	" "	86	11' 0"	M
" "	86	11' 0"	M	" "	88	7' 0"	F	" "	88	15' 0"	M
" "	81	11' 0"	M	" "	83	16' 0"	F	" "	89	9' 0"	M
" "	82	12' 0"	M	" "	86	12' 7"	M	" "	84	7' 0"	M
" "	90	16' 5"	F	" "	86	6' 11"	M	" "	88	14' 0"	F
" "	82	11' 4"	F	" "	80	9' 8"	M	" "	82	10' 0"	M
" "	81	5' 0"	F	$10\frac{1}{2}$ "	85	8' 0"	M	" "	89	10' 0"	M
" "	80	12' 0"	M	" "	85	11' 0"	M	" "	85	12' 3"	M
" "	81	13' 0"	M	" "	86	9' 2"	F	" "	90	11' 11"	F
" "	80	12' 0"	M	" "	78	9' 0"	F	" "	"	10' 2"	F
" "	83	9' 0"	M	$11\frac{1}{2}$ "	84	12' 0"	M	$18\frac{1}{2}$ "	80	10' 0"	M
" "	80	12' 0"	M	" "	85	10' 0"	F	" "	82	8' 0"	M
" "	85	9' 0"	M	" "	82	17' 0"	M	" "	84	12' 0"	F
" "	90	10' 0"	F	" "	80	12' 0"	F	" "	82	10' 0"	F
" "	80	8' 0"	F	" "	82	8' 0"	M	" "	87	12' 0"	F
" "	88	15' 9"	F	" "	83	6' 0"	M	" "	88	19' 0"	F
$5\frac{1}{2}$ "	84	14' 0"	M	$12\frac{1}{2}$ "	81	13' 0"	M	" "	83	7' 0"	M
" "	87	8' 10"	F	" "	90	11' 0"	M	" "	81	18' 0"	M
" "	89	9' 0"	M	" "	79	14' 0"	M	" "	82	7' 4"	F
" "	81	8' 0"	F	" "	82	8' 0"	M	$19\frac{1}{2}$ "	83	12' 0"	M
" "	75	7' 0"	F	" "	92	12' 6"	M	" "	90	20' 0"	F
" "	81	8' 0"	M	" "	84	15' 0"	M	" "	82	12' 0"	M
" "	82	7' 0"	M	" "	86	16' 0"	M	" "	85	12' 6"	M
" "	83	11' 0"	M	" "	89	12' 0"	M	" "	82	8' 1"	F
" "	87	12' 0"	M	" "	84	8' 0"	M	$20\frac{1}{2}$ "	81	12' 0"	F
" "	86	11' 0"	F	" "	90	15' 0"	M	" "	82	11' 0"	M
" "	80	7' 3"	F	" "	83	16' 0"	M	" "	76	10' 0"	F
$6\frac{1}{2}$ "	90	12' 0"	F	" "	81	8' 4"	F	" "	83	11' 0"	F
" "	85	10' 0"	F	" "	86	2' 1"	F	" "	78	12' 0"	M
" "	88	13' 0"	M	" "	86	14' 6"	M	" "	80	15' 6"	F
" "	87	12' 0"	F	$13\frac{1}{2}$ "	70	5' 0"	F	" "	89	17' 11"	F
" "	81	7' 0"	M	" "	86	5' 0"	M	$21\frac{1}{2}$ "	87	19' 6"	M
" "	80	10' 0"	F	" "	90	12' 0"	M	" "	81	6' 0"	M
" "	78	5' 0"	F	" "	85	9' 0"	F	" "	77	12' 0"	F
" "	86	10' 0"	M	" "	80	11' 10"	F	" "	86	12' 0"	F
" "	89	12' 8"	F	$14\frac{1}{2}$ "	83	12' 0"	F	" "	85	8' 0"	M
" "	86	10' 0"	M	" "	85	8' 0"	F	$22\frac{1}{2}$ "	77	12' 3"	M
" "	90	20' 0"	M	" "	82	7' 0"	F	" "	74	8' 0"	M
" "	81	8' 0"	F	" "	80	8' 4"	F	" "	86	8' 6"	M
" "	83	8' 0"	M	$15\frac{1}{2}$ "	81	7' 0"	M	" "	81	14' 0"	M
$7\frac{1}{2}$ "	87	8' 0"	M	" "	80	12' 0"	F	" "	85	17' 0"	M
" "	84	6' 0"	F	" "	83	13' 0"	F	" "	90	20' 0"	M
" "	90	14' 0"	M	" "	81	6' 0"	F	" "	80	7' 0"	M
" "	80	8' 0"	M	" "	77	12' 3"	F	$23\frac{1}{2}$ "	85	9' 0"	F
" "	85	8' 4"	F	" "	80	12' 4"	F	" "	85	17' 2"	F
" "	76	9' 7"	M	" "	88	13' 3"	F	" "	83	7' 2"	M
" "	84	9' 0"	M	$16\frac{1}{2}$ "	85	12' 0"	F	" "	79	11' 2"	F
" "	80	5' 0"	F	" "	93	7' 0"	M	$24\frac{1}{2}$ "	83	16' 6"	F
" "	82	13' 0"	M	" "	82	8' 0"	M	" "	80	10' 6"	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.	Eng. . .	
24 ¹ / ₂ 47	81	15' 0"	M	4 ¹ / ₃ 47	82	10' 0"	F	9 ¹ / ₃ 47	81	8' 8"	M
" "	83	17' 3"	F	" "	78	11' 0"	M	10 ¹ / ₃ "	90	14' 0"	F
25 ¹ / ₂ "	82	12' 0"	M	" "	88	15' 6"	F	" "	80	10' 0"	M
" "	84	12' 0"	M	" "	86	18' 3"	M	" "	85	12' 0"	F
" "	90	7' 0"	F	5 ¹ / ₃ "	80	8' 0"	M	" "	90	21' 0"	M
" "	78	5' 0"	M	" "	82	15' 0"	F	" "	88	8' 0"	F
" "	85	13' 0"	M	" "	92	16' 0"	F	" "	88	11' 0"	M
" "	86	21' 0"	M	" "	80	10' 0"	F	" "	87	18' 1"	M
" "	82	6' 0"	F	" "	81	13' 0"	M	" "	85	17' 0"	F
" "	75	6' 0"	M	" "	83	15' 0"	M	" "	89	15' 0"	M
" "	78	16' 6"	F	" "	82	12' 0"	M	" "	91	17' 0"	M
26 ¹ / ₂ "	84	11' 0"	F	" "	80	14' 0"	F	" "	88	16' 0"	M
" "	88	15' 0"	F	" "	81	11' 2"	F	" "	90	17' 0"	M
" "	92	18' 0"	F	" "	82	11' 8"	M	" "	90	20' 0"	M
" "	87	12' 0"	M	" "	85	8' 0"	M	" "	80	14' 0"	M
" "	89	12' 0"	M	" "	85	8' 0"	F	11 ¹ / ₃ "	81	12' 0"	F
" "	83	12' 7"	M	" "	81	14' 0"	M	" "	82	11' 0"	M
" "	77	10' 6"	M	" "	92	17' 0"	M	" "	90	19' 0"	F
" "	82	13' 0"	M	" "	81	15' 0"	F	" "	85	12' 0"	F
" "	80	12' 0"	M	" "	80	11' 4"	F	" "	90	15' 0"	F
" "	78	13' 0"	F	6 ¹ / ₃ "	82	10' 0"	F	" "	75	10' 0"	M
" "	91	11' 0"	F	" "	86	11' 0"	F	" "	80	9' 0"	F
" "	81	14' 9"	F	" "	84	8' 0"	M	" "	85	16' 0"	F
" "	85	16' 5"	M	" "	87	10' 0"	M	" "	82	16' 0"	M
27 ¹ / ₂ "	82	10' 0"	M	" "	78	10' 9"	M	" "	85	21' 0"	F
" "	89	12' 0"	F	" "	87	20' 2"	F	12 ¹ / ₃ "	92	13' 0"	F
" "	86	19' 0"	F	" "	84	12' 1"	F	" "	88	22' 0"	M
" "	82	16' 0"	M	" "	82	10' 1"	F	" "	85	15' 0"	M
" "	85	14' 0"	M	" "	82	10' 0"	F	" "	85	10' 0"	M
" "	86	10' 0"	F	" "	77	16' 0"	F	" "	90	14' 0"	F
" "	81	9' 0"	M	" "	82	14' 9"	F	" "	78	10' 0"	F
" "	78	11' 0"	M	7 ¹ / ₃ "	86	14' 0"	F	" "	80	10' 0"	M
" "	82	9' 0"	F	" "	81	8' 0"	M	" "	86	18' 0"	F
" "	85	7' 4"	M	" "	80	12' 0"	M	" "	81	15' 0"	M
" "	76	10' 10"	M	" "	81	15' 0"	M	" "	85	14' 0"	F
28 ¹ / ₂ "	84	5' 0"	F	" "	85	15' 0"	F	" "	85	12' 0"	F
" "	79	12' 4"	M	" "	90	15' 0"	M	13 ¹ / ₃ "	85	19' 0"	F
" "	70	4' 0"	F	" "	85	20' 0"	F	" "	89	18' 0"	M
" "	80	9' 0"	F	" "	82	11' 8"	F	" "	88	21' 0"	F
1 ¹ / ₃ "	89	5' 0"	F	" "	83	18' 0"	F	" "	83	12' 0"	F
" "	86	11' 0"	F	" "	73	11' 6"	M	" "	90	18' 0"	M
" "	75	11' 0"	F	8 ¹ / ₃ "	84	10' 0"	M	" "	79	11' 0"	M
" "	77	12' 0"	M	" "	85	13' 0"	F	" "	86	15' 0"	F
" "	82	17' 0"	F	" "	90	13' 0"	M	" "	86	15' 0"	M
" "	82	11' 0"	F	" "	89	8' 0"	M	" "	85	13' 2"	F
" "	79	12' 9"	M	" "	89	20' 0"	M	" "	79	17' 0"	F
2 ¹ / ₃ "	78	14' 0"	M	" "	84	20' 0"	F	" "	85	12' 0"	M
" "	80	15' 0"	F	" "	85	17' 0"	M	" "	90	22' 1"	M
" "	82	14' 0"	F	" "	84	7' 0"	M	" "	82	13' 2"	M
" "	85	13' 2"	M	" "	91	9' 0"	F	" "	83	19' 0"	F
3 ¹ / ₃ "	76	11' 0"	F	" "	78	14' 0"	F	" "	86	15' 0"	F
" "	88	14' 0"	M	" "	83	17' 0"	F	14 ¹ / ₃ "	83	13' 0"	M
" "	85	17' 0"	M	" "	89	21' 6"	M	" "	85	20' 0"	M
" "	87	15' 0"	M	9 ¹ / ₃ "	85	18' 0"	M	" "	87	20' 0"	F
" "	79	10' 8"	F	" "	80	15' 0"	M	" "	85	15' 0"	M
4 ¹ / ₃ "	94	14' 0"	F	" "	87	12' 0"	F	" "	88	10' 0"	M
" "	87	16' 0"	F	" "	77	14' 0"	M	" "	87	16' 0"	F
" "	79	16' 0"	M	" "	77	7' 0"	M	" "	82	14' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
14/3 47	77	12' 0"	F	20/3 47	82	15' 0"	M	25/3 47	82	16' 0"	M
" "	93	17' 0"	F	" "	80	8' 0"	F	" "	84	15' 6"	F
" "	76	16' 0"	F	" "	90	10' 0"	M	" "	85	10' 0"	M
" "	78	18' 0"	F	" "	82	18' 0"	M	26/3 "	88	12' 0"	M
" "	86	15' 0"	M	" "	75	15' 0"	F	" "	76	14' 0"	M
15/3 "	88	20' 0"	F	21/3 "	79	15' 0"	M	" "	82	10' 0"	F
" "	89	22' 0"	F	" "	85	16' 0"	F	" "	78	16' 0"	M
" "	85	12' 0"	F	" "	86	16' 0"	F	" "	87	22' 0"	F
" "	86	21' 0"	M	" "	87	15' 0"	M	" "	89	18' 0"	F
" "	85	18' 0"	M	" "	80	16' 0"	F	" "	81	10' 0"	M
" "	85	20' 0"	F	" "	91	16' 0"	M	" "	75	8' 0"	M
" "	85	21' 0"	F	" "	87	12' 0"	F	" "	82	14' 0"	M
" "	89	21' 0"	F	" "	84	14' 0"	F	" "	89	21' 0"	M
" "	88	17' 1"	M	" "	82	7' 0"	M	" "	86	13' 0"	F
" "	85	15' 9"	F	" "	85	10' 0"	F	" "	85	17' 0"	F
" "	85	13' 0"	F	" "	75	12' 1"	F	" "	82	15' 0"	F
" "	82	11' 0"	F	22/3 "	83	11' 0"	F	" "	87	15' 0"	F
" "	84	14' 0"	F	" "	82	14' 0"	F	" "	83	12' 0"	M
16/3 "	82	10' 0"	M	" "	83	15' 0"	F	" "	88	18' 0"	M
" "	86	11' 0"	M	" "	80	15' 0"	F	" "	90	10' 0"	F
" "	87	12' 0"	F	" "	84	21' 0"	F	" "	83	18' 2"	M
" "	80	12' 0"	M	" "	80	15' 0"	F	27/3 "	85	15' 0"	F
" "	84	21' 0"	M	" "	87	16' 0"	F	" "	89	22' 0"	M
" "	83	7' 0"	F	" "	82	17' 0"	F	" "	86	16' 0"	M
" "	75	14' 0"	F	" "	78	14' 0"	M	" "	83	17' 6"	F
" "	80	17' 6"	F	" "	84	14' 0"	M	" "	81	13' 0"	M
" "	77	14' 11"	F	" "	79	13' 0"	F	" "	75	15' 0"	M
" "	84	10' 0"	F	" "	91	19' 0"	F	" "	77	11' 0"	F
" "	85	14' 0"	F	23/3 "	87	15' 0"	M	" "	79	13' 0"	F
17/3 "	88	17' 0"	F	" "	76	10' 0"	F	" "	86	16' 0"	F
" "	90	18' 0"	M	" "	78	9' 6"	F	" "	88	19' 0"	F
" "	84	9' 0"	F	" "	80	17' 0"	F	" "	85	19' 0"	F
" "	83	12' 0"	M	" "	90	14' 0"	F	" "	84	12' 0"	F
" "	79	16' 0"	F	" "	85	17' 6"	M	28/3 "	82	13' 0"	M
" "	82	15' 0"	M	" "	86	11' 0"	M	" "	84	20' 0"	F
" "	82	16' 0"	F	" "	81	18' 0"	F	" "	77	8' 0"	F
" "	81	19' 0"	M	" "	78	13' 5"	F	" "	82	15' 0"	F
18/3 "	88	21' 0"	F	24/3 "	87	21' 6"	M	" "	82	14' 0"	F
" "	89	25' 0"	M	" "	90	20' 0"	F	" "	89	12' 0"	F
" "	82	16' 0"	M	" "	84	14' 0"	M	29/3 "	85	18' 0"	F
" "	78	11' 0"	M	" "	85	15' 6"	M	" "	74	18' 0"	M
" "	84	15' 0"	F	" "	80	10' 0"	M	" "	76	16' 0"	F
" "	84	15' 0"	M	" "	81	16' 0"	F	" "	89	18' 0"	F
" "	84	11' 2"	M	" "	83	18' 0"	F	" "	92	22' 0"	M
" "	86	16' 6"	M	" "	77	13' 0"	F	" "	89	20' 0"	F
" "	77	13' 0"	M	" "	76	10' 0"	F	" "	84	14' 0"	F
" "	81	17' 0"	M	" "	84	15' 0"	M	" "	82	18' 0"	F
" "	89	15' 0"	F	" "	84	21' 0"	F	30/3 "	81	17' 0"	M
" "	85	11' 0"	M	25/3 "	79	16' 0"	F	" "	84	18' 0"	M
19/3 "	92	18' 0"	F	" "	84	13' 0"	M	" "	82	16' 0"	M
" "	80	20' 0"	F	" "	79	11' 0"	F	" "	80	12' 0"	M
" "	89	20' 0"	F	" "	79	13' 0"	F	" "	83	16' 8"	F
" "	87	16' 0"	M	" "	83	8' 0"	M	" "	70	15' 6"	F
" "	79	15' 0"	M	" "	80	14' 0"	F	" "	78	13' 0"	F
" "	81	10' 0"	M	" "	82	13' 0"	F	" "	86	10' 0"	M
" "	78	17' 0"	F	" "	80	15' 0"	F	" "	84	14' 0"	F
20/3 "	86	17' 0"	F	" "	79	10' 0"	F	" "	87	9' 0"	F
" "	85	18' 0"	F	" "	79	10' 0"	F	" "	84	21' 6"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
31/3 47	94	19' 0"	M	1/4 47	87	16' 0"	M	4/4 47	80	18' 0"	M
" "	89	18' 0"	M	" "	101	26' 0"	F	" "	86	20' 0"	M
" "	81	13' 0"	M	" "	90	10' 0"	F	" "	81	15' 6"	M
" "	80	12' 0"	F	" "	90	16' 4"	M	" "	85	20' 2"	M
" "	81	16' 0"	F	2/4 "	78	15' 0"	F	5/4 "	90	20' 0"	F
" "	89	16' 0"	F	" "	85	15' 0"	F	" "	83	15' 0"	F
" "	90	10' 0"	F	" "	83	13' 0"	F	6/4 "	83	20' 4"	F
1/4 "	84	18' 0"	F	3/4 "	89	22' 0"	M	" "	79	17' 4"	F
" "	90	19' 0"	F	" "	84	20' 0"	M	" "	88	17' 0"	F
" "	88	16' 0"	F	" "	83	12' 0"	M	7/4 "	82	18' 0"	F
" "	84	19' 6"	M	" "	83	16' 0"	F	" "	86	10' 0"	F
" "	93	9' 6"	M	" "	76	17' 9"	M	" "	79	20' 0"	F
" "	78	14' 0"	M	" "	78	16' 5"	M	8/4 "	80	16' 0"	F
" "	86	23' 0"	F	" "	80	6' 0"					

Total 1,297 blue-whale foetuses, of which 637 males and 656 females. Sex was not stated for 4 foetuses. Of the 1,293 foetuses for which sex was stated 49.27 per cent were males and 50.73 per cent females.

Fin-whale foetuses.

21/10 46	74	1' 0"	F	8/11 46	65	0' 2 1/2"	?	15/11 46	71	1' 6"	M
" "	75	1' 0"	M	" "	67	0' 10"	F	" "	74	1' 0"	F
22/10 "	73	1' 1"	F	" "	73	2' 0"	F	" "	75	3' 0"	F
23/10 "	74	2' 0"	F	9/11 "	72	3' 6"	M	" "	75	6' 0"	F
" "	72	1' 0"	M	" "	70	1' 6"	M	" "	73	2' 6"	F
24/10 "	75	4' 0"	M	10/11 "	72	1' 0"	M	16/11 "	71	2' 0"	M
" "	72	2' 0"	M	" "	65	1' 0"	M	" "	68	3' 6"	M
" "	73	1' 0"	F	" "	75	5' 0"	F	21/11 "	69	3' 0"	M
25/10 "	72	1' 0"	M	" "	73	4' 0"	M	" "	72	3' 0"	M
" "	72	0' 11"	F	" "	70	3' 6"	M	" "	73	4' 6"	F
" "	75	3' 6"	M	" "	73	3' 0"	F	" "	73	2' 0"	F
27/10 "	70	1' 0"	F	" "	75	4' 6"	F	22/11 "	69	2' 0"	F
" "	78	2' 6"	F	" "	73	1' 6"	M	" "	70	4' 6"	F
" "	71	1' 6"	M	11/11 "	70	2' 0"	M	" "	70	2' 0"	F
" "	71	0' 9"	M	" "	69	2' 0"	M	" "	66	2' 0"	F
28/10 "	71	1' 6"	M	" "	74	1' 1"	M	23/11 "	73	1' 0"	F
" "	71	1' 4"	F	" "	71	1' 6"	F	25/11 "	71	1' 6"	F
29/10 "	74	1' 6"	M	12/11 "	69	3' 0"	F	" "	73	4' 0"	F
31/10 "	71	1' 0"	M	" "	73	2' 0"	M	26/11 "	74	4' 0"	F
" "	75	2' 6"	F	" "	71	3' 0"	M	27/11 "	72	4' 0"	F
1/11 "	73	1' 6"	F	" "	69	2' 6"	F	" "	73	6' 0"	F
2/11 "	73	2' 6"	M	" "	70	1' 6"	M	28/11 "	64	1' 6"	M
" "	76	1' 0"	F	13/11 "	74	2' 6"	F	" "	71	6' 0"	F
" "	74	1' 3"	M	" "	71	1' 8"	M	" "	73	5' 0"	F
3/11 "	74	2' 0"	F	" "	70	4' 0"	F	" "	71	2' 6"	M
4/11 "	72	1' 6"	M	" "	71	3' 0"	F	" "	71	3' 0"	F
" "	73	6' 0"	F	" "	69	5' 0"	M	29/11 "	67	0' 8"	F
" "	74	2' 3"	F	" "	73	4' 0"	F	" "	70	2' 8"	F
" "	79	1' 0"	F	14/11 "	72	2' 0"	F	" "	68	0' 3"	M
" "	75	1' 6"	M	" "	72	4' 0"	F	" "	73	7' 0"	F
7/11 "	73	2' 10"	F	" "	73	5' 0"	F	" "	73	5' 0"	F
" "	72	0' 3"	F	" "	74	2' 3"	F	" "	72	6' 0"	F
8/11 "	76	2' 0"	M	" "	70	1' 9"	M	30/11 "	69	3' 0"	M
" "	66	2' 0"	F	" "	70	3' 0"	M	" "	67	4' 0"	F
" "	67	2' 6"	M	15/11 "	75	5' 0"	F	" "	72	3' 0"	F
" "	71	1' 6"	F	" "	73	2' 6"	M	" "	70	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.	
30/11 46	67	6' 0"	M	10/12 46	72	3' 0"	F	17/12 46	72	4' 0"	M
1/12 "	69	3' 6"	F	11/12 "	71	3' 0"	F	" "	76	5' 0"	M
" "	69	5' 0"	F	" "	72	5' 0"	F	" "	74	7' 0"	M
" "	73	6' 0"	M	" "	66	3' 0"	M	" "	70	0' 1"	?
" "	73	3' 0"	F	" "	71	4' 3"	F	" "	72	6' 0"	M
" "	74	4' 0"	F	" "	73	2' 8"	F	" "	74	6' 0"	F
3/12 "	68	3' 0"	M	" "	69	2' 9"	M	" "	70	5' 0"	F
" "	73	3' 0"	M	" "	72	3' 3"	F	" "	75	4' 1"	M
4/12 "	70	2' 0"	M	" "	72	4' 3"	M	" "	71	3' 0"	M
" "	68	3' 6"	M	" "	69	2' 6"	F	" "	72	5' 3"	F
" "	69	8' 0"	M	12/12 "	70	6' 0"	M	" "	69	1' 1"	M
5/12 "	70	8' 0"	F	" "	70	4' 0"	F	18/12 "	74	5' 0"	M
" "	72	5' 6"	F	" "	70	2' 0"	M	" "	74	5' 0"	M
" "	74	4' 0"	F	" "	73	4' 6"	M	" "	70	2' 0"	M
6/12 "	74	1' 6"	M	" "	76	2' 6"	M	" "	68	2' 6"	M
" "	72	4' 6"	F	13/12 "	73	4' 0"	F	" "	73	4' 0"	M
" "	76	3' 0"	M	" "	69	7' 0"	F	" "	74	5' 0"	M
" "	78	6' 0"	F	" "	74	4' 6"	M	" "	73	4' 5"	M
" "	69	6' 0"	M	" "	76	6' 0"	F	" "	66	5' 6"	M
7/12 "	71	5' 0"	M	" "	70	4' 0"	F	" "	69	3' 0"	F
" "	69	3' 6"	F	14/12 "	68	1' 6"	F	" "	72	5' 0"	F
" "	71	5' 0"	F	" "	67	3' 0"	M	" "	67	5' 0"	F
" "	69	3' 6"	F	" "	74	5' 0"	F	" "	70	6' 5"	M
" "	72	4' 6"	M	" "	74	6' 3"	F	" "	69	4' 1"	F
" "	70	6' 0"	F	" "	73	7' 6"	F	" "	75	6' 3"	M
8/12 "	67	4' 0"	F	" "	69	5' 0"	M	" "	72	7' 0"	F
" "	67	5' 0"	M	" "	74	1' 9"	F	" "	69	2' 5"	M
" "	73	3' 6"	M	15/12 "	73	4' 0"	M	19/12 "	76	5' 0"	M
" "	73	6' 6"	M	" "	67	3' 6"	F	" "	68	4' 6"	M
" "	72	3' 0"	F	" "	74	5' 0"	M	" "	70	1' 6"	F
" "	74	3' 0"	M	" "	74	6' 6"	M	" "	81	4' 6"	F
" "	70	5' 0"	F	" "	70	6' 0"	F	" "	73	2' 0"	F
" "	75	3' 0"	F	" "	74	2' 6"	F	" "	72	6' 0"	F
" "	70	5' 0"	F	" "	68	4' 0"	M	" "	67	3' 0"	F
" "	71	4' 0"	M	" "	67	2' 6"	M	" "	74	4' 0"	F
" "	74	1' 6"	M	" "	76	3' 6"	F	" "	73	5' 0"	F
" "	69	1' 6"	M	" "	70	4' 0"	M	" "	66	2' 0"	M
" "	73	5' 0"	F	" "	69	3' 0"	M	" "	71	2' 0"	M
" "	68	5' 0"	M	" "	72	4' 0"	F	" "	68	4' 0"	F
9/12 "	70	3' 0"	M	" "	71	3' 0"	F	" "	74	4' 0"	M
" "	74	5' 0"	M	" "	73	7' 0"	M	" "	67	4' 3"	M
" "	74	3' 0"	M	" "	74	2' 6"	F	" "	71	2' 11"	F
" "	71	4' 0"	M	" "	69	4' 0"	F	20/12 "	73	6' 0"	F
" "	74	7' 0"	M	" "	72	7' 0"	F	" "	69	3' 0"	M
" "	75	5' 6"	M	" "	71	4' 8"	M	" "	67	2' 0"	M
" "	70	1' 6"	F	16/12 "	75	5' 0"	F	" "	74	4' 0"	F
" "	70	4' 0"	F	" "	75	6' 0"	F	" "	73	5' 6"	F
" "	72	3' 0"	M	" "	68	3' 6"	F	" "	71	3' 0"	F
" "	70	2' 0"	M	" "	70	3' 0"	M	" "	71	4' 0"	F
" "	71	5' 5"	M	" "	71	3' 0"	M	" "	74	3' 0"	F
10/12 "	74	5' 0"	M	" "	65	4' 6"	M	" "	69	1' 0"	F
" "	73	6' 0"	F	" "	68	3' 5"	F	" "	71	5' 0"	F
" "	72	4' 0"	F	" "	73	4' 2"	M	" "	73	4' 0"	M
" "	73	3' 0"	F	17/12 "	73	9' 0"	F	" "	76	5' 0"	M
" "	73	5' 0"	F	" "	70	6' 6"	F	" "	71	4' 0"	M
" "	69	3' 6"	F	" "	73	7' 0"	F	" "	67	4' 0"	M
" "	69	6' 0"	M	" "	72	7' 0"	M	" "	77	2' 6"	M
" "	76	6' 6"	F	" "	72	5' 0"	M	" "	70	4' 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.	
20/12 46	67	0' 6"	M	25/12 46	73	4' 1"	M	29/12 46	71	4' 0"	M
" "	68	5' 0"	F	" "	72	5' 0"	F	" "	76	5' 0"	M
" "	72	3' 11"	M	" "	72	6' 9"	M	" "	69	5' 0"	F
" "	71	5' 0"	F	" "	75	7' 0"	M	" "	63	3' 9"	F
" "	71	5' 0"	F	" "	72	7' 0"	F	" "	65	6' 1"	F
" "	71	6' 0"	F	" "	68	3' 4"	M	" "	68	4' 8"	M
21/12 "	72	6' 0"	F	27/12 "	72	7' 0"	F	" "	72	5' 0"	F
" "	73	2' 0"	M	" "	71	4' 0"	M	" "	74	5' 0"	M
" "	73	4' 0"	F	" "	74	5' 0"	F	" "	73	6' 0"	M
" "	72	3' 0"	M	" "	69	4' 0"	F	30/12 "	72	4' 6"	M
" "	67	5' 0"	F	" "	76	8' 0"	M	" "	69	3' 0"	F
" "	71	3' 0"	M	" "	68	4' 0"	F	" "	72	3' 0"	F
" "	74	5' 0"	F	" "	69	4' 0"	M	" "	69	6' 0"	M
" "	73	2' 0"	F	" "	74	4' 0"	M	" "	74	5' 0"	M
" "	68	3' 0"	F	" "	74	4' 0"	M	" "	73	6' 0"	M
" "	73	4' 0"	F	" "	75	3' 9"	M	" "	75	6' 11"	F
" "	74	1' 11"	M	" "	73	4' 6"	M	" "	69	6' 0"	M
" "	71	4' 2"	M	" "	75	8' 0"	M	" "	68	5' 0"	M
" "	68	5' 4"	M	" "	69	5' 0"	M	" "	73	6' 0"	M
" "	65	5' 0"	M	" "	72	5' 0"	F	" "	74	2' 0"	M
" "	69	5' 0"	M	27/12 "	71	7' 0"	F	31/12 "	69	4' 0"	M
" "	71	5' 0"	M	" "	66	4' 0"	F	" "	68	3' 0"	F
" "	76	9' 0"	F	" "	67	2' 0"	M	" "	70	6' 0"	F
22/12 "	74	5' 0"	F	" "	70	3' 0"	M	" "	73	7' 0"	M
" "	70	2' 0"	F	" "	74	8' 0"	F	" "	67	5' 0"	F
" "	66	4' 0"	M	" "	70	4' 0"	F	" "	75	4' 0"	F
" "	73	4' 0"	F	" "	74	6' 6"	M	" "	73	1' 0"	M
" "	72	6' 0"	F	" "	69	6' 0"	F	" "	74	3' 0"	F
" "	69	5' 0"	M	" "	66	4' 0"	F	" "	69	4' 6"	M
" "	65	2' 0"	M	" "	71	2' 0"	F	" "	69	5' 9"	M
" "	70	3' 0"	M	" "	65	3' 0"	F	" "	76	4' 0"	M
" "	75	5' 0"	F	" "	73	6' 0"	M	" "	66	3' 0"	F
" "	73	2' 6"	F	" "	69	5' 0"	M	" "	74	8' 0"	M
" "	71	3' 0"	M	" "	68	2' 6"	M	" "	64	4' 8"	F
" "	74	7' 0"	F	" "	72	7' 8"	F	" "			
" "	73	1' 11"	F	" "	73	2' 0"	M	1/1 47	73	4' 0"	F
" "	73	10' 0"	F	" "	75	7' 0"	M	" "	76	5' 0"	F
" "	72	1)	?	" "	72	8' 0"	F	" "	73	4' 0"	M
" "	66	0' 10"	M	" "	71	6' 0"	M	" "	70	6' 0"	M
23/12 "	75	5' 0"	M	" "	80	8' 0"	M	" "	70	3' 3"	M
" "	73	4' 0"	F	" "	72	7' 0"	M	" "	66	1' 4"	F
" "	69	0' 9"	M	28/12 "	71	6' 0"	F	2/1 "	72	3' 0"	M
" "	70	14' 0"	F	" "	71	5' 6"	F	" "	75	3' 0"	F
" "	72	7' 0"	M	" "	67	4' 0"	M	" "	75	2' 0"	M
" "	68	2' 3"	M	" "	73	2' 0"	F	" "	73	6' 0"	F
" "	74	6' 9"	M	" "	72	5' 0"	F	" "	70	8' 0"	F
" "	62	5' 0"	F	" "	69	5' 0"	F	" "	73	4' 0"	F
" "	71	5' 0"	F	" "	73	7' 0"	F	" "	71	5' 0"	F
" "	69	5' 0"	M	" "	68	5' 0"	F	" "	71	3' 0"	F
" "	67	0' 10"	M	" "	72	5' 0"	M	" "	71	6' 0"	F
24/12 "	74	5' 0"	F	" "	72	3' 7"	F	" "	69	2' 6"	F
" "	71	2' 0"	M	" "	71	8' 0"	F	" "	70	3' 6"	F
" "	65	2' 9"	M	" "	65	4' 0"	F	" "	69	7' 0"	M
" "	73	4' 0"	F	" "	75	5' 0"	M	" "	76	6' 0"	F
25/12 "	64	4' 0"	M	" "	73	6' 4"	F	" "	75	5' 0"	F
" "	78	9' 0"	M	" "	65	5' 2"	M	" "	72	3' 0"	F
" "	74	4' 0"	M	29/12 "	75	4' 0"	M	" "	72	11' 0"	M
" "	72	3' 0"	F	" "	74	7' 0"	F	" "	68	3' 6"	F

1) Unknown, very small.

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{2}{1}$ 47	74	5' 6"	F	$\frac{5}{1}$ 47	73	9' 4"	M	$\frac{8}{1}$ 47	78	8' 0"	F
$\frac{3}{1}$ "	71	6' 0"	F	" "	70	3' 0"	M	" "	68	4' 0"	F
" "	68	3' 0"	F	" "	70	6' 0"	F	" "	77	6' 0"	F
" "	72	5' 0"	M	" "	71	4' 0"	M	" "	74	7' 0"	M
" "	76	4' 0"	M	" "	72	3' 2"	M	" "	72	9' 6"	M
" "	71	3' 0"	F	" "	75	7' 7"	M	" "	71	6' 0"	M
" "	68	3' 0"	M	" "	68	6' 9"	F	" "	70	5' 0"	F
" "	72	1' 0"	F	" "	73	6' 0"	F	" "	75	7' 0"	M
" "	70	5' 2"	F	$\frac{6}{1}$ "	77	4' 0"	M	" "	71	6' 0"	F
" "	73	9' 0"	M	" "	70	6' 0"	M	" "	67	4' 0"	F
" "	70	4' 6"	M	" "	70	4' 0"	F	" "	72	6' 0"	F
" "	68	7' 0"	F	" "	71	3' 0"	M	" "	70	4' 2"	F
" "	77	9' 0"	F	" "	77	9' 0"	F	" "	71	3' 0"	F
" "	72	5' 0"	M	" "	74	3' 0"	M	" "	74	6' 1"	F
" "	75	2' 8"	F	" "	70	6' 9"	F	" "	71	7' 9"	M
" "	71	7' 9"	F	" "	69	2' 9"	M	" "	72	8' 2"	M
" "	77	8' 0"	F	" "	63	2' 0"	F	" "	69	5' 0"	M
$\frac{4}{1}$ "	72	3' 0"	F	" "	69	9' 0"	F	" "	74	6' 6"	?
" "	79	7' 0"	F	" "	71	2' 0"	M	$\frac{9}{1}$ "	76	7' 0"	M
" "	75	3' 0"	M	" "	73	7' 6"	M	" "	74	7' 0"	F
" "	72	5' 0"	M	" "	72	6' 0"	M	" "	72	6' 0"	M
" "	70	2' 0"	M	" "	73	9' 6"	F	" "	74	5' 0"	M
" "	66	4' 0"	M	" "	73	9' 0"	F	" "	74	1' 0"	M
" "	74	5' 0"	F	" "	68	3' 2"	F	" "	71	5' 0"	M
" "	66	5' 0"	F	" "	68	7' 8"	F	" "	70	6' 0"	F
" "	72	1' 0"	M	" "	72	4' 0"	F	" "	71	8' 0"	M
" "	71	3' 0"	F	" "	67	5' 0"	M	" "	71	7' 0"	F
" "	73	6' 0"	F	" "	72	6' 10"	M	" "	78	6' 0"	F
" "	75	5' 0"	M	" "	72	6' 10"	F	" "	71	6' 0"	M
" "	71	4' 0"	F	" "	73	¹⁾ ?	?	" "	74	5' 0"	F
" "	72	3' 0"	M	" "	70	8' 3"	M	" "	74	4' 0"	M
" "	75	4' 6"	F	" "	72	5' 6"	F	" "	68	5' 0"	F
" "	70	4' 6"	F	" "	69	0' 5"	?	" "	71	8' 0"	F
" "	69	7' 0"	M	" "	64	5' 10"	M	" "	70	6' 0"	M
" "	73	8' 0"	F	$\frac{7}{1}$ "	72	4' 0"	F	" "	72	6' 0"	F
" "	75	7' 0"	F	" "	70	5' 0"	F	" "	75	6' 0"	F
" "	69	5' 6"	F	" "	69	4' 0"	F	" "	75	8' 0"	M
" "	73	7' 0"	M	" "	73	4' 0"	M	" "	72	6' 0"	M
" "	73	2' 6"	M	" "	68	4' 0"	F	$\frac{10}{1}$ "	72	6' 6"	M
" "	76	6' 0"	M	" "	68	2' 6"	F	" "	74	7' 0"	F
" "	70	6' 5"	M	" "	74	8' 0"	M	" "	69	5' 0"	M
" "	71	4' 1"	F	" "	71	6' 6"	M	" "	74	5' 0"	M
$\frac{5}{1}$ "	72	5' 6"	F	" "	69	7' 2"	F	" "	70	4' 0"	M
" "	73	6' 0"	F	" "	75	10' 0"	F	" "	76	3' 0"	F
" "	71	3' 6"	M	" "	69	5' 0"	F	" "	73	2' 0"	M
" "	75	9' 0"	F	" "	67	3' 0"	M	" "	67	3' 0"	M
" "	72	1' 6"	M	" "	75	6' 0"	M	" "	70	1' 6"	F
" "	76	4' 0"	F	" "	73	7' 8"	F	" "	72	6' 4"	F
" "	76	7' 0"	M	" "	71	3' 8"	F	" "	68	3' 0"	F
" "	72	3' 0"	F	" "	75	7' 6"	M	" "	73	5' 0"	F
" "	70	3' 0"	F	" "	70	5' 1"	M	" "	73	8' 7"	F
" "	73	5' 0"	M	" "	70	5' 1"	F	" "	69	8' 10"	M
" "	69	4' 0"	F	$\frac{8}{1}$ "	67	6' 0"	M	$\frac{11}{1}$ "	68	4' 0"	F
" "	72	2' 0"	M	" "	68	2' 0"	F	" "	67	4' 0"	M
" "	73	3' 0"	M	" "	72	6' 0"	F	" "	67	3' 0"	F
" "	73	7' 0"	F	" "	75	3' 0"	M	" "	72	6' 0"	F
" "	74	3' 0"	F	" "	67	4' 6"	F	" "	67	3' 0"	M
" "	68	4' 8"	F	" "	70	4' 6"	M	" "	70	5' 0"	F

1) Unknown, very small.

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
11/1 47	74	10' 0"	M	13/1 47	70	6' 0"	F	15/1 47	71	6' 7"	M
" "	72	6' 0"	M	" "	74	3' 0"	M	16/1 "	72	2' 0"	M
" "	76	8' 0"	F	" "	69	7' 0"	M	" "	74	5' 0"	M
" "	67	4' 0"	F	" "	69	4' 0"	F	" "	72	4' 0"	F
" "	69	5' 0"	F	" "	68	5' 0"	M	" "	71	8' 0"	M
" "	72	8' 0"	M	" "	74	7' 0"	F	" "	67	4' 0"	F
" "	77	5' 0"	M	" "	69	4' 0"	F	" "	74	9' 0"	M
" "	70	4' 0"	M	" "	77	8' 0"	M	" "	72	6' 0"	M
" "	75	6' 0"	F	" "	71	7' 0"	M	" "	78	8' 0"	F
" "	60	4' 0"	M	" "	71	3' 0"	F	" "	71	2' 0"	F
" "	76	5' 0"	M	" "	71	5' 0"	M	" "	69	6' 0"	M
" "	73	3' 0"	M	" "	71	7' 0"	F	" "	71	8' 0"	F
" "	70	2' 0"	M	" "	73	8' 0"	M	" "	70	3' 0"	F
" "	69	5' 0"	M	" "	73	9' 0"	F	" "	74	6' 0"	F
" "	73	4' 0"	F	" "	69	5' 0"	M	" "	74	6' 0"	F
" "	70	1' 6"	F	" "	70	4' 0"	F	" "	69	3' 0"	M
" "	71	5' 0"	F	" "	73	4' 0"	F	" "	70	6' 0"	M
" "	71	8' 0"	M	" "	71	8' 0"	M	" "	68	5' 0"	M
" "	73	6' 0"	M	" "	72	5' 0"	M	" "	68	7' 0"	M
" "	67	5' 0"	F	" "	73	7' 0"	F	" "	73	9' 0"	F
" "	71	4' 0"	F	" "	73	4' 0"	F	" "	71	6' 0"	F
" "	70	7' 0"	F	" "	69	5' 6"	F	" "	69	4' 0"	M
" "	75	8' 0"	M	14/1 "	69	7' 0"	M	" "	70	7' 0"	F
" "	72	4' 2"	F	" "	72	6' 0"	F	" "	72	9' 0"	F
" "	70	4' 0"	F	" "	73	9' 0"	F	" "	74	9' 0"	M
" "	75	5' 6"	F	" "	68	3' 0"	F	" "	68	7' 0"	M
" "	72	1' 11"	F	" "	73	7' 0"	F	" "	73	6' 0"	M
" "	72	10' 0"	M	" "	68	2' 0"	?	" "	66	5' 0"	F
" "	73	6' 10"	F	" "	73	4' 0"	M	" "	67	8' 0"	F
12/1 "	75	4' 6"	M	" "	76	5' 0"	M	" "	77	7' 0"	M
" "	67	4' 6"	M	" "	69	6' 0"	F	" "	79	10' 0"	M
" "	76	12' 0"	F	" "	72	6' 0"	M	" "	71	7' 0"	F
" "	70	9' 0"	F	" "	74	4' 0"	F	" "	70	7' 0"	M
" "	73	7' 6"	M	" "	74	6' 0"	M	" "	69	2' 11"	F
" "	72	7' 0"	F	" "	71	6' 0"	M	17/1 "	75	1' 6"	F
" "	68	3' 0"	F	" "	72	5' 0"	M	" "	71	4' 0"	F
" "	72	2' 0"	F	" "	68	2' 4"	M	" "	69	9' 0"	M
" "	75	5' 0"	F	" "	74	6' 3"	M	" "	72	6' 6"	F
" "	77	6' 0"	M	" "	72	6' 4"	M	" "	72	5' 0"	F
" "	76	9' 0"	F	" "	72	8' 0"	M	" "	75	3' 0"	M
" "	70	6' 0"	M	" "	67	5' 0"	F	" "	74	6' 0"	F
" "	75	3' 0"	M	15/1 "	70	10' 0"	F	" "	69	5' 0"	M
" "	71	6' 0"	F	" "	68	4' 6"	F	" "	76	10' 0"	F
" "	75	10' 0"	F	" "	73	5' 0"	F	" "	72	4' 0"	M
" "	71	3' 0"	M	" "	70	4' 0"	F	" "	76	9' 0"	F
" "	71	5' 0"	F	" "	71	4' 0"	M	" "	70	6' 0"	F
" "	72	8' 0"	M	" "	72	7' 0"	F	" "	72	2' 0"	F
" "	72	3' 0"	F	" "	71	4' 0"	M	" "	74	9' 0"	F
" "	71	5' 0"	F	" "	72	5' 0"	F	" "	68	3' 4"	F
" "	74	9' 0"	M	" "	77	7' 0"	F	" "	71	8' 0"	M
" "	71	5' 0"	F	" "	73	5' 0"	M	" "	69	7' 4"	F
" "	76	7' 4"	M	" "	73	4' 0"	F	" "	70	8' 0"	F
" "	74	2' 5"	F	" "	68	2' 0"	M	" "	74	10' 6"	M
13/1 "	76	5' 0"	F	" "	70	4' 0"	F	" "	74	10' 6"	F
" "	76	4' 0"	F	" "	74	9' 0"	M	" "	69	4' 9"	F
" "	70	7' 0"	M	" "	71	7' 0"	F	" "	69	5' 0"	F
" "	70	4' 6"	M	" "	71	4' 0"	F	18/1 "	70	10' 0"	F
" "	73	2' 6"	M	" "	69	3' 6"	M	" "	70	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.	
18/1 47	73	3' 0"	M	21/1 47	69	5' 0"	M	24/1 47	70	5' 0"	F
" "	69	2' 0"	F	" "	77	8' 0"	F	" "	71	6' 0"	M
" "	70	2' 0"	M	" "	74	6' 0"	M	" "	72	8' 0"	M
" "	71	6' 0"	F	" "	75	8' 0"	F	" "	73	6' 0"	F
" "	69	2' 0"	F	" "	66	6' 1"	F	" "	66	19' 0"	F
" "	73	9' 0"	F	" "	71	5' 3"	M	" "	68	4' 0"	M
" "	69	5' 0"	M	" "	75	1' 4"	M	" "	69	8' 6"	F
" "	72	7' 0"	F	" "	74	9' 7"	M	" "	69	8' 6"	M
" "	74	10' 0"	F	" "	72	11' 0"	M	" "	70	3' 0"	M
" "	70	5' 0"	F	22/1 "	75	9' 0"	M	" "	71	8' 0"	M
" "	64	1)	?	" "	67	9' 0"	F	" "	65	5' 0"	M
19/1 "	73	7' 0"	M	" "	70	12' 0"	F	" "	71	4' 4"	F
" "	70	1)	M	" "	75	6' 6"	M	" "	70	7' 8"	F
" "	71	5' 0"	M	" "	72	4' 0"	F	" "	69	4' 3"	F
" "	71	9' 0"	F	" "	74	7' 0"	F	25/1 "	72	2' 0"	M
" "	74	7' 0"	F	" "	70	5' 0"	F	" "	72	6' 0"	M
" "	73	5' 0"	M	" "	71	5' 0"	F	" "	72	9' 0"	F
" "	71	8' 0"	M	" "	78	5' 0"	M	" "	73	10' 0"	M
" "	70	3' 6"	M	" "	70	5' 0"	M	" "	73	6' 0"	F
" "	72	5' 8"	F	" "	73	6' 0"	M	" "	67	5' 0"	M
" "	75	8' 10"	M	" "	68	5' 0"	M	" "	71	6' 0"	F
" "	72	6' 0"	M	" "	72	6' 0"	F	" "	72	7' 0"	M
" "	68	3' 0"	F	" "	74	9' 0"	M	" "	71	8' 0"	M
" "	73	7' 0"	M	" "	70	6' 0"	M	" "	74	10' 0"	F
" "	69	8' 0"	F	" "	72	5' 6"	F	" "	71	9' 0"	F
" "	71	8' 0"	M	" "	69	6' 9"	F	" "	68	5' 0"	F
" "	71	7' 0"	M	23/1 "	75	8' 0"	M	" "	74	8' 0"	F
" "	68	6' 0"	F	" "	70	3' 0"	M	" "	67	6' 0"	F
" "	74	7' 0"	F	" "	75	4' 0"	F	" "	72	7' 4"	M
" "	67	4' 0"	M	" "	73	6' 0"	M	26/1 "	75	7' 0"	F
" "	72	5' 0"	F	" "	70	4' 0"	F	" "	74	5' 0"	F
" "	73	6' 0"	M	" "	72	5' 0"	M	" "	67	5' 0"	M
" "	70	5' 0"	M	" "	70	4' 0"	F	" "	71	2' 0"	M
" "	73	5' 6"	F	" "	67	5' 0"	M	" "	71	8' 0"	F
20/1 "	75	7' 0"	M	" "	75	6' 0"	M	" "	71	6' 0"	F
" "	75	6' 0"	M	" "	76	5' 0"	M	" "	70	7' 0"	M
" "	72	4' 0"	M	" "	77	3' 0"	M	" "	71	5' 0"	M
" "	75	6' 0"	F	" "	70	4' 0"	F	" "	71	6' 0"	F
" "	75	7' 0"	M	" "	72	8' 0"	F	" "	70	3' 0"	F
" "	75	8' 0"	M	" "	73	5' 0"	F	" "	75	9' 0"	F
" "	71	6' 0"	F	" "	65	5' 0"	M	" "	69	5' 0"	M
" "	70	7' 0"	F	" "	74	5' 0"	F	" "	74	9' 0"	F
" "	68	4' 0"	M	" "	75	10' 9"	M	" "	73	6' 6"	F
" "	76	10' 0"	F	" "	77	8' 0"	M	" "	66	6' 0"	F
" "	71	8' 0"	F	" "	68	8' 6"	M	" "	75	8' 0"	F
" "	73	9' 5"	F	" "	71	4' 0"	F	" "	72	10' 0"	F
" "	71	6' 8"	F	" "	70	4' 0"	M	" "	71	7' 4"	F
" "	74	11' 2"	M	" "	71	10' 0"	F	" "	73	8' 0"	F
21/1 "	73	11' 0"	M	" "	69	8' 0"	F	" "	77	10' 0"	M
" "	70	10' 0"	F	" "	72	5' 0"	M	" "	66	8' 4"	F
" "	67	7' 0"	F	24/1 "	75	5' 0"	M	" "	68	3' 0"	M
" "	69	4' 6"	M	" "	77	5' 0"	F	" "	72	11' 0"	F
" "	73	6' 0"	F	" "	75	2' 0"	F	27/1 "	73	9' 6"	F
" "	64	6' 0"	F	" "	74	5' 0"	M	" "	76	7' 0"	F
" "	75	4' 0"	M	" "	74	5' 0"	F	" "	69	4' 6"	F
" "	73	4' 1"	F	" "	69	8' 0"	M	" "	67	7' 0"	F
" "	71	4' 0"	F	" "	72	8' 0"	M	" "	73	7' 0"	M
" "	65	3' 0"	M	" "	69	6' 0"	F	" "	75	4' 0"	F

1) Unknown, very small.

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.	
27/1 47	73	2' 0"	M	30/1 47	72	6' 0"	M	2/2 47	74	10' 9"	M
" "	72	7' 0"	M	" "	68	6' 0"	F	" "	75	5' 2"	M
" "	70	4' 0"	F	" "	70	4' 0"	F	" "	68	6' 0"	F
" "	75	8' 0"	M	" "	66	5' 0"	M	" "	67	7' 6"	M
" "	71	5' 0"	F	" "	79	12' 0"	M	" "	69	4' 0"	M
" "	71	5' 0"	F	" "	71	8' 0"	F	" "	75	10' 0"	F
" "	77	9' 0"	F	" "	71	7' 0"	F	" "	67	9' 7"	F
" "	68	5' 0"	M	" "	70	7' 0"	M	" "	68	10' 0"	M
" "	68	6' 0"	F	" "	74	8' 0"	F	" "	74	7' 8"	M
" "	73	3' 0"	M	" "	73	10' 0"	M	" "	70	6' 6"	M
" "	75	8' 0"	F	" "	75	10' 0"	F	" "	68	7' 10"	F
" "	76	6' 0"	F	" "	78	2' 0"	F	" "	65	6' 6"	M
" "	69	9' 6"	M	" "	68	11' 0"	F	3/2 "	67	3' 6"	F
" "	72	4' 8"	M	" "	76	5' 6"	F	" "	78	10' 0"	F
" "	78	10' 0"	M	" "	71	8' 0"	M	" "	75	10' 0"	M
28/1 "	72	8' 0"	M	" "	66	4' 0"	M	" "	65	4' 0"	F
" "	74	9' 0"	M	" "	72	6' 0"	M	" "	72	9' 0"	M
" "	73	5' 6"	M	" "	73	6' 0"	M	" "	70	8' 0"	F
" "	72	6' 0"	F	" "	73	9' 0"	M	" "	75	9' 0"	F
" "	72	11' 0"	M	" "	67	7' 2"	M	" "	71	5' 0"	F
" "	68	2' 0"	F	31/1 "	70	7' 0"	F	" "	72	7' 0"	F
" "	70	7' 0"	M	" "	73	7' 0"	F	" "	69	5' 0"	M
" "	74	8' 0"	F	" "	74	5' 0"	M	" "	76	8' 0"	M
" "	76	4' 0"	M	" "	69	5' 0"	M	" "	73	2' 0"	M
" "	70	6' 0"	M	" "	69	7' 0"	F	" "	74	3' 0"	F
" "	75	6' 0"	F	" "	65	6' 0"	F	" "	70	9' 3"	M
" "	67	6' 0"	F	" "	70	7' 0"	F	" "	70	3' 7"	F
" "	70	6' 0"	M	" "	70	8' 0"	M	" "	71	5' 4"	M
" "	71	8' 0"	F	" "	70	4' 0"	F	" "	70	7' 6"	F
" "	70	7' 6"	F	" "	68	7' 6"	F	" "	67	8' 4"	F
" "	69	4' 0"	F	" "	67	4' 0"	M	" "	72	9' 0"	F
" "	70	5' 0"	M	" "	75	8' 4"	F	" "	69	9' 0"	F
" "	67	6' 0"	M	" "	67	6' 6"	F	" "	73	11' 0"	F
" "	68	6' 0"	M	1/2 "	77	5' 0"	M	" "	72	10' 3"	F
" "	74	4' 2"	F	" "	74	6' 0"	M	" "	67	6' 6"	M
29/1 "	76	9' 0"	M	" "	65	6' 0"	F	" "	71	5' 6"	M
" "	75	7' 0"	F	" "	70	7' 0"	M	" "	67	2' 11"	F
" "	67	7' 0"	M	" "	71	2' 0"	M	" "	65	1)	?
" "	73	9' 0"	M	" "	70	6' 0"	M	4/2 "	72	8' 0"	M
" "	72	8' 0"	F	" "	73	5' 0"	M	" "	74	6' 0"	F
" "	70	4' 0"	M	" "	68	6' 0"	M	" "	71	7' 0"	F
" "	74	6' 0"	M	" "	77	8' 0"	F	" "	77	7' 0"	M
" "	72	5' 0"	F	" "	73	5' 0"	M	" "	72	8' 0"	F
" "	66	4' 0"	M	" "	68	6' 0"	F	" "	72	6' 0"	M
" "	73	6' 0"	M	" "	70	10' 0"	F	" "	70	8' 0"	F
" "	69	9' 6"	M	" "	69	6' 0"	F	" "	69	4' 0"	F
" "	68	5' 0"	F	" "	70	4' 6"	M	" "	75	9' 0"	F
" "	66	5' 0"	M	" "	72	3' 0"	M	" "	72	9' 0"	M
" "	72	8' 0"	F	" "	68	8' 0"	F	" "	67	4' 0"	F
" "	70	7' 7"	F	" "	70	5' 2"	M	" "	70	11' 0"	M
" "	73	9' 11"	M	" "	72	6' 5"	F	" "	72	6' 0"	M
30/1 "	67	6' 6"	F	" "	68	6' 2"	M	" "	68	3' 0"	F
" "	71	9' 0"	F	" "	68	2' 6"	F	" "	74	9' 0"	M
" "	70	7' 0"	F	" "	67	8' 3"	F	" "	66	10' 0"	M
" "	71	4' 6"	M	2/2 "	71	4' 0"	M	" "	72	11' 0"	M
" "	72	4' 0"	F	" "	71	5' 0"	M	" "	72	7' 0"	F
" "	75	7' 0"	F	" "	70	5' 0"	M	" "	77	12' 4"	M
" "	74	3' 0"	F	" "	65	7' 0"	M	" "	69	7' 6"	F

1) Unknown, very small.

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.	
$\frac{4}{2}$ 47	68	3' 9"	M	$\frac{9}{2}$ 47	73	5' 0"	F	$\frac{11}{2}$ 47	75	4' 0"	M
$\frac{5}{2}$ "	75	7' 0"	M	" "	72	5' 0"	M	" "	65	9' 0"	M
" "	74	7' 0"	M	" "	76	10' 0"	F	" "	68	8' 0"	M
" "	74	3' 0"	M	" "	71	5' 0"	M	" "	71	8' 2"	M
" "	70	6' 0"	M	" "	70	6' 0"	M	$\frac{12}{2}$ "	65	6' 6"	F
" "	69	5' 0"	M	" "	74	5' 0"	M	" "	68	9' 0"	F
" "	74	8' 0"	M	" "	71	7' 0"	F	" "	72	6' 0"	M
" "	65	6' 0"	F	" "	68	6' 0"	M	" "	75	8' 0"	F
" "	74	11' 0"	F	" "	70	2' 0"	M	" "	76	11' 0"	M
" "	71	9' 0"	F	" "	63	8' 0"	F	" "	73	4' 0"	F
" "	74	7' 0"	F	" "	66	9' 0"	M	" "	71	8' 0"	F
" "	72	9' 0"	M	" "	77	3' 7"	F	" "	74	5' 0"	M
" "	70	6' 6"	M	" "	72	5' 6"	M	" "	70	6' 0"	F
" "	69	6' 0"	F	" "	70	7' 0"	F	" "	70	3' 0"	F
" "	71	10' 7"	F	" "	68	8' 6"	M	" "	73	9' 0"	M
" "	75	9' 4"	M	" "	73	5' 0"	M	" "	73	9' 6"	F
" "	66	6' 6"	M	" "	75	7' 4"	F	" "	73	9' 3"	F
" "	68	8' 3"	M	" "	70	7' 6"	M	" "	70	6' 0"	M
" "	72	14' 2"	M	" "	68	6' 5"	F	" "	74	8' 6"	F
" "	67	4' 9"	M	$\frac{10}{2}$ "	74	6' 0"	F	" "	71	3' 0"	F
" "	73	6' 6"	F	" "	71	9' 0"	M	" "	67	10' 0"	F
" "	67	3' 11"	M	" "	74	6' 6"	F	" "	65	4' 4"	F
$\frac{6}{2}$ "	76	4' 0"	M	" "	73	10' 0"	F	" "	70	8' 2"	F
" "	73	7' 0"	M	" "	74	8' 0"	M	" "	69	8' 3'	?
" "	74	5' 0"	F	" "	73	8' 0"	F	" "	68	7' 0"	M
" "	71	7' 0"	F	" "	72	5' 0"	M	" "	75	12' 2"	F
" "	73	8' 0"	M	" "	74	10' 0"	M	$\frac{13}{2}$ "	71	2' 0"	M
" "	70	5' 0"	F	" "	72	7' 0"	F	" "	78	8' 0"	F
" "	72	13' 0"	F	" "	73	8' 0"	F	" "	75	10' 0"	M
" "	68	3' 0"	F	" "	74	6' 0"	M	" "	74	2' 0"	F
" "	70	9' 9"	M	" "	71	9' 0"	M	" "	76	8' 0"	M
" "	70	12' 4"	M	" "	74	7' 0"	F	" "	74	7' 0"	F
$\frac{7}{2}$ "	81	10' 0"	M	" "	71	8' 0"	F	" "	71	6' 0"	M
" "	61	4' 0"	F	" "	74	5' 9"	M	" "	70	10' 0"	M
" "	72	6' 0"	M	" "	70	11' 0"	M	" "	71	8' 0"	M
" "	70	5' 0"	M	" "	74	10' 0"	M	" "	78	6' 0"	M
" "	75	10' 0"	F	" "	70	9' 0"	F	" "	70	5' 0"	M
" "	67	4' 0"	F	" "	68	4' 8"	M	" "	70	11' 0"	M
" "	78	10' 0"	F	" "	74	9' 0"	F	" "	73	10' 0"	F
" "	67	7' 0"	F	" "	74	13' 0"	M	" "	72	8' 10"	M
" "	76	4' 0"	F	" "	69	8' 2"	F	" "	71	9' 11"	M
" "	73	9' 0"	F	" "	68	9' 7"	M	" "	70	7' 3"	M
" "	80	10' 8"	M	" "	68	9' 0"	F	$\frac{14}{2}$ "	75	8' 0"	F
" "	67	4' 6"	M	" "	65	8' 5"	F	" "	63	6' 0"	M
" "	73	8' 0"	M	$\frac{11}{2}$ "	75	8' 0"	M	" "	65	7' 0"	F
" "	72	8' 3"	M	" "	74	11' 0"	M	" "	69	6' 6"	F
" "	67	5' 2"	M	" "	76	5' 0"	F	" "	69	10' 0"	M
$\frac{8}{2}$ "	70	8' 0"	M	" "	64	4' 0"	M	" "	75	6' 0"	F
" "	75	3' 0"	M	" "	75	8' 0"	F	" "	72	5' 0"	M
" "	73	5' 6"	M	" "	74	10' 0"	M	" "	76	8' 0"	M
" "	62	4' 0"	F	" "	76	9' 0"	M	" "	70	5' 0"	F
" "	77	10' 1"	M	" "	74	6' 0"	M	" "	76	9' 0"	F
" "	67	7' 8"	M	" "	70	5' 0"	M	" "	71	4' 0"	M
" "	67	7' 3"	F	" "	71	13' 0"	F	" "	72	8' 0"	F
" "	72	7' 6"	F	" "	75	4' 2"	F	" "	72	11' 0"	F
" "	72	9' 4"	M	" "	69	3' 7"	F	" "	70	1' 0"	F
$\frac{9}{2}$ "	71	6' 0"	F	" "	70	7' 11"	M	" "	70	8' 0"	M
" "	66	7' 6"	F	" "	72	6' 0"	F	" "	67	5' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.		
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.		
14/2 47	72	4' 0"	F	16/2 47	69	6' 0"	M	19/2 47	72	9' 0"	M	
" "	71	7' 0"	M	" "	72	12' 6"	M	" "	72	11' 0"	M	
" "	75	7' 0"	M	" "	71	8' 0"	F	" "	67	7' 0"	F	
" "	69	10' 0"	F	" "	68	7' 0"	M	" "	71	6' 0"	M	
" "	70	6' 0"	F	" "	72	12' 0"	M	" "	74	12' 0"	F	
" "	70	12' 0"	F	" "	75	7' 0"	F	" "	68	6' 0"	F	
" "	73	8' 0"	M	" "	69	8' 0"	F	" "	76	11' 0"	M	
" "	73	8' 0"	F	" "	71	6' 0"	M	" "	75	8' 0"	M	
" "	68	6' 0"	F	" "	77	10' 5"	F	" "	69	8' 0"	M	
" "	76	9' 0"	F	" "	73	12' 0"	M	" "	70	6' 2"	F	
" "	74	8' 0"	M	" "	67	6' 3"	M	" "	71	10' 3"	F	
" "	75	6' 0"	M	" "	73	9' 0"	M	" "	74	9' 0"	M	
" "	71	6' 0"	M	" "	71	10' 4"	M	20/2	" "	73	12' 0"	M
" "	70	6' 0"	M	" "	64	6' 0"	F	" "	76	9' 0"	F	
" "	76	10' 0"	M	17/2	" "	74	8' 6"	F	" "	71	4' 0"	M
" "	76	9' 0"	F	" "	69	5' 6"	F	" "	74	6' 0"	M	
" "	70	5' 0"	M	" "	76	12' 0"	F	" "	68	8' 0"	F	
" "	65	6' 2"	F	" "	74	11' 0"	M	" "	66	3' 0"	M	
" "	66	4' 1"	M	" "	72	13' 0"	F	" "	73	9' 0"	F	
15/2	71	7' 0"	M	" "	68	10' 0"	M	" "	71	10' 0"	F	
" "	74	5' 0"	M	" "	63	7' 0"	F	" "	73	10' 0"	F	
" "	74	7' 0"	F	" "	73	8' 0"	F	" "	65	6' 0"	F	
" "	74	7' 0"	F	" "	68	9' 0"	M	" "	73	15' 0"	M	
" "	71	11' 0"	M	" "	72	5' 0"	F	" "	70	2' 6"	?	
" "	74	8' 0"	F	" "	68	7' 2"	M	" "	71	12' 3"	M	
" "	75	2' 0"	M	" "	69	12' 0"	F	" "	67	4' 9"	M	
" "	67	7' 0"	F	" "	69	6' 0"	M	" "	68	12' 0"	M	
" "	74	13' 0"	F	" "	75	12' 0"	M	21/2	" "	70	6' 0"	F
" "	74	7' 0"	F	" "	70	7' 0"	M	" "	69	8' 0"	F	
" "	73	10' 0"	M	" "	75	15' 0"	M	" "	71	8' 0"	F	
" "	71	7' 0"	F	" "	69	2' 0"	F	" "	71	10' 0"	M	
" "	71	10' 0"	F	" "	71	8' 6"	M	" "	75	10' 0"	M	
" "	70	9' 0"	M	" "	71	11' 3"	F	" "	70	4' 2"	F	
" "	67	10' 0"	M	" "	66	7' 11"	M	" "	72	9' 0"	M	
" "	70	10' 0"	M	" "	67	6' 8"	F	" "	67	6' 3"	M	
" "	73	5' 0"	M	18/2	76	9' 0"	M	22/2	" "	70	12' 0"	M
" "	72	7' 0"	F	" "	74	8' 0"	M	" "	74	10' 0"	F	
" "	67	5' 0"	F	" "	77	11' 0"	M	" "	72	7' 0"	F	
" "	77	10' 11"	F	" "	72	5' 0"	M	" "	68	6' 0"	F	
" "	69	5' 0"	F	" "	73	5' 0"	F	" "	73	12' 0"	M	
" "	78	12' 0"	M	" "	65	8' 0"	M	" "	72	8' 0"	F	
" "	80	8' 0"	M	" "	65	12' 0"	M	" "	73	11' 6"	F	
" "	69	9' 4"	F	" "	76	10' 0"	F	" "	70	9' 0"	F	
16/2	71	8' 0"	M	" "	69	6' 0"	M	" "	72	11' 0"	F	
" "	76	11' 0"	M	" "	72	13' 0"	F	" "	71	13' 0"	M	
" "	77	6' 0"	F	" "	74	12' 0"	M	" "	76	6' 0"	M	
" "	76	10' 0"	F	" "	75	13' 0"	F	" "	75	7' 0"	F	
" "	78	11' 0"	M	" "	75	14' 0"	F	" "	69	6' 9"	F	
" "	72	4' 0"	F	" "	68	3' 2"	F	" "	74	9' 1"	M	
" "	71	11' 0"	F	" "	68	7' 10"	M	23/2	" "	80	5' 0"	F
" "	73	10' 0"	F	" "	75	13' 8"	F	" "	73	8' 0"	M	
" "	69	8' 0"	M	19/2	75	12' 0"	M	" "	79	10' 0"	F	
" "	74	8' 0"	M	" "	66	8' 0"	F	" "	79	12' 0"	F	
" "	76	2' 0"	M	" "	70	16' 0"	M	" "	66	4' 8"	F	
" "	69	5' 0"	M	" "	74	10' 0"	M	" "	72	11' 4"	F	
" "	70	12' 0"	M	" "	69	11' 0"	M	24/2	" "	71	6' 0"	M
" "	74	14' 0"	F	" "	72	10' 0"	F	" "	76	12' 0"	F	
" "	72	5' 0"	M	" "	74	8' 0"	M	" "	69	5' 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.	
24/2 47	71	6' 0"	F	27/2 47	66	11' 6"	M	1/3 47	75	14' 0"	M
" "	72	9' 0"	M	" "	69	10' 8"	F	" "	66	11' 0"	F
" "	72	9' 0"	F	" "	78	3' 0"	M	" "	69	9' 11"	F
" "	71	8' 3"	M	" "	73	9' 0"	M	" "	70	11' 7"	M
" "	68	6' 4"	F	" "	77	11' 0"	M	2/3 "	64	6' 6"	M
" "	70	11' 6"	F	" "	63	7' 9"	F	" "	68	10' 0"	M
" "	68	8' 6"	M	" "	68	11' 4"	?	" "	69	8' 0"	M
" "	73	8' 7"	F	28/2 "	71	14' 0"	F	" "	70	7' 0"	M
25/2 "	73	12' 0"	F	" "	72	9' 0"	F	" "	73	8' 0"	F
" "	69	7' 0"	F	" "	70	5' 0"	M	" "	74	8' 0"	M
" "	74	12' 0"	F	" "	73	6' 0"	F	" "	72	9' 0"	M
" "	72	10' 0"	M	" "	76	13' 0"	M	" "	72	13' 0"	M
" "	71	8' 0"	M	" "	74	7' 0"	M	" "	67	6' 0"	F
" "	75	9' 0"	F	" "	76	8' 0"	F	" "	72	8' 0"	M
" "	69	7' 0"	M	" "	70	8' 0"	M	" "	74	16' 0"	F
" "	74	12' 0"	F	" "	71	8' 0"	M	" "	70	9' 0"	M
" "	71	8' 0"	F	" "	67	10' 0"	F	" "	71	11' 0"	M
" "	75	6' 0"	F	" "	68	9' 0"	F	" "	67	4' 5"	M
" "	67	5' 8"	M	" "	75	12' 0"	F	" "	76	9' 7"	F
" "	72	13' 5"	M	" "	73	10' 0"	M	3/3 "	70	10' 0"	F
" "	77	9' 0"	F	" "	68	6' 0"	F	" "	73	5' 0"	F
" "	75	12' 0"	M	" "	71	5' 0"	M	" "	71	14' 0"	F
26/2 "	78	6' 0"	M	" "	71	8' 0"	F	" "	77	10' 0"	M
" "	77	9' 0"	M	" "	66	6' 0"	M	" "	70	4' 0"	F
" "	71	7' 0"	F	" "	73	12' 0"	M	" "	74	6' 0"	F
" "	74	10' 0"	F	" "	69	10' 8"	F	" "	76	6' 0"	M
" "	71	12' 0"	F	" "	76	8' 0"	M	" "	68	7' 0"	M
" "	72	5' 0"	F	" "	75	9' 6"	F	" "	76	11' 2"	M
" "	74	11' 0"	M	" "	69	8' 4"	M	" "	70	8' 9"	F
" "	78	7' 0"	F	" "	74	7' 0"	M	" "	69	12' 0"	M
" "	71	9' 0"	M	" "	74	7' 0"	M	4/3 "	71	9' 0"	F
" "	71	8' 0"	F	" "	77	5' 0"	F	" "	76	13' 0"	M
" "	70	8' 0"	F	" "	67	6' 5"	F	" "	75	16' 0"	F
" "	65	10' 0"	M	" "	67	8' 11"	F	" "	70	6' 0"	M
" "	73	6' 0"	M	1/3 "	65	6' 6"	M	" "	76	8' 0"	F
" "	73	7' 0"	F	" "	66	7' 0"	F	" "	70	8' 0"	M
" "	74	9' 0"	M	" "	71	6' 0"	M	" "	74	10' 0"	F
" "	70	15' 0"	M	" "	69	12' 0"	M	" "	77	7' 0"	F
27/2 "	69	6' 0"	F	" "	72	16' 0"	F	" "	72	6' 0"	F
" "	76	11' 0"	M	" "	74	12' 0"	M	" "	76	8' 0"	F
" "	70	5' 0"	M	" "	70	5' 0"	M	" "	75	6' 0"	M
" "	76	12' 0"	F	" "	75	10' 0"	F	" "	68	16' 0"	M
" "	74	12' 0"	F	" "	74	6' 0"	F	" "	70	11' 0"	F
" "	73	11' 0"	M	" "	74	12' 0"	F	" "	70	13' 0"	F
" "	81	12' 0"	F	" "	74	8' 0"	M	" "	70	12' 0"	M
" "	75	10' 0"	F	" "	76	13' 0"	F	" "	70	9' 0"	M
" "	72	12' 0"	M	" "	73	6' 0"	M	" "	75	15' 0"	F
" "	71	7' 0"	M	" "	72	9' 0"	F	" "	73	10' 0"	F
" "	75	11' 0"	M	" "	69	8' 0"	M	" "	75	8' 0"	M
" "	76	10' 0"	F	" "	74	9' 0"	M	" "	72	9' 0"	M
" "	74	16' 0"	F	" "	66	7' 0"	F	" "	69	6' 0"	F
" "	71	8' 0"	F	" "	65	10' 0"	M	" "	68	4' 0"	M
" "	74	4' 0"	F	" "	71	11' 0"	M	" "	75	12' 0"	F
" "	74	7' 0"	F	" "	67	9' 0"	M	5/3 "	71	6' 0"	M
" "	78	13' 0"	F	" "	70	7' 0"	M	" "	73	4' 0"	F
" "	71	7' 5"	F	" "	71	9' 0"	M	" "	68	10' 0"	M
" "	79	6' 0"	M	" "	73	14' 0"	M	" "	74	15' 0"	M
" "	67	8' 6"	F	" "	68	11' 0"	F	" "	73	11' 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.	
$\frac{5}{3}$ 47	72	7' 0"	F	$\frac{8}{3}$ 47	72	11' 0"	F	$\frac{11}{3}$ 47	69	6' 0"	M
" "	68	6' 0"	M	" "	75	7' 8"	M	" "	75	8' 0"	F
" "	69	11' 0"	F	$\frac{9}{3}$ "	75	10' 0"	M	" "	72	10' 0"	M
" "	75	5' 0"	M	" "	72	14' 0"	M	" "	71	4' 9"	M
" "	76	9' 0"	M	" "	72	5' 0"	M	" "	67	11' 6"	M
" "	71	7' 0"	M	" "	76	13' 0"	F	" "	70	12' 9"	M
" "	78	5' 0"	M	" "	73	8' 0"	F	" "	62	4' 4"	M
" "	71	10' 0"	M	" "	74	4' 0"	M	" "	73	10' 0"	M
" "	71	9' 0"	M	" "	68	8' 0"	M	" "	67	11' 0"	M
" "	76	16' 0"	F	" "	71	13' 0"	F	" "	71	8' 0"	M
" "	65	7' 0"	M	" "	74	18' 0"	F	" "	71	13' 10"	M
$\frac{6}{3}$ "	76	13' 0"	F	" "	72	15' 0"	F	$\frac{12}{3}$ "	71	10' 0"	F
" "	70	10' 0"	M	" "	74	9' 0"	F	" "	70	12' 0"	F
" "	75	11' 0"	F	" "	69	11' 0"	M	" "	69	4' 0"	F
" "	71	5' 0"	F	" "	71	8' 6"	F	" "	79	12' 0"	M
" "	71	10' 0"	F	" "	67	6' 0"	M	" "	72	16' 0"	M
" "	69	14' 0"	M	" "	76	11' 0"	F	" "	76	12' 0"	M
" "	67	14' 0"	F	" "	74	12' 0"	M	" "	73	11' 0"	F
" "	70	6' 0"	M	" "	70	10' 0"	F	" "	75	14' 0"	F
" "	67	4' 0"	M	" "	70	9' 0"	F	" "	70	12' 0"	F
" "	76	6' 0"	F	" "	72	9' 3"	M	" "	78	8' 0"	F
" "	72	12' 0"	F	$\frac{10}{3}$ "	69	7' 0"	F	" "	68	13' 0"	M
" "	73	7' 0"	F	" "	74	4' 0"	M	" "	77	8' 0"	F
" "	67	5' 0"	F	" "	67	9' 0"	M	" "	73	8' 0"	F
" "	73	12' 0"	M	" "	75	10' 0"	F	" "	73	13' 0"	F
" "	73	7' 0"	F	" "	70	17' 0"	M	" "	73	2' 0"	F
" "	68	14' 0"	M	" "	75	8' 0"	M	" "	74	10' 0"	M
" "	67	5' 0"	F	" "	75	12' 0"	F	" "	69	10' 3"	F
" "	70	8' 0"	F	" "	75	12' 0"	M	$\frac{13}{3}$ "	73	15' 0"	F
" "	78	8' 0"	M	" "	68	7' 0"	F	" "	68	10' 0"	F
" "	73	8' 0"	F	" "	68	11' 0"	M	" "	78	14' 0"	M
" "	71	9' 0"	M	" "	74	10' 0"	M	" "	72	9' 0"	M
" "	72	11' 0"	F	" "	72	12' 0"	F	" "	70	5' 0"	F
" "	72	8' 0"	M	" "	62	5' 0"	M	" "	63	8' 0"	F
$\frac{7}{3}$ "	70	10' 0"	M	" "	70	10' 0"	F	" "	73	12' 0"	F
" "	69	10' 0"	M	" "	75	10' 0"	F	" "	73	10' 0"	F
" "	68	9' 0"	F	" "	76	6' 0"	F	" "	74	13' 0"	M
" "	68	9' 0"	F	" "	72	8' 0"	F	" "	75	7' 0"	M
" "	74	10' 0"	F	$\frac{11}{3}$ "	70	6' 0"	F	" "	73	12' 0"	M
" "	70	17' 0"	F	" "	71	7' 0"	M	" "	74	12' 0"	M
" "	76	5' 0"	M	" "	68	12' 0"	F	" "	70	13' 0"	F
" "	70	9' 0"	F	" "	77	9' 0"	F	" "	70	8' 0"	M
" "	72	12' 0"	F	" "	64	7' 0"	M	" "	62	6' 0"	F
" "	75	10' 0"	F	" "	75	12' 0"	F	" "	69	13' 0"	M
$\frac{8}{3}$ "	74	10' 0"	F	" "	71	12' 0"	M	" "	65	8' 9"	M
" "	70	5' 0"	F	" "	67	6' 0"	M	" "	72	11' 0"	F
" "	70	16' 0"	F	" "	72	11' 0"	M	" "	65	12' 0"	F
" "	77	10' 0"	F	" "	70	4' 0"	M	" "	69	5' 0"	M
" "	74	12' 0"	M	" "	76	8' 0"	F	" "	72	8' 6"	M
" "	72	13' 0"	M	" "	77	12' 0"	M	" "	69	8' 6"	M
" "	75	15' 0"	F	" "	77	10' 0"	F	" "	71	6' 0"	F
" "	71	8' 0"	M	" "	74	8' 0"	M	" "	71	9' 6"	M
" "	73	10' 0"	F	" "	74	12' 0"	M	" "	74	9' 0"	M
" "	69	8' 0"	F	" "	78	11' 0"	F	" "	72	11' 0"	M
" "	68	8' 0"	F	" "	74	12' 0"	M	" "	68	7' 0"	F
" "	68	13' 0"	M	" "	74	7' 0"	M	" "	73	9' 0"	F
" "	74	12' 0"	M	" "	73	8' 0"	M	" "	72	14' 0"	M
" "	79	10' 0"	F	" "	65	12' 0"	M	$\frac{14}{3}$ "	65	11' 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.	
14/3 47	68	13' 0"	M	19/3 47	72	6' 4"	M	27/3 47	74	10' 0"	F
" "	68	9' 0"	M	20/3 "	76	7' 0"	F	" "	74	8' 0"	M
" "	75	15' 0"	M	" "	77	16' 0"	F	" "	70	13' 0"	M
" "	75	14' 0"	F	" "	75	15' 0"	M	" "	69	9' 0"	F
" "	70	13' 0"	M	" "	78	7' 0"	M	" "	73	7' 0"	M
" "	70	7' 9"	M	" "	73	18' 0"	F	" "	75	10' 0"	F
" "	64	6' 5"	M	" "	75	14' 0"	F	" "	69	12' 9"	F
" "	68	13' 11"	M	" "	66	10' 0"	F	28/3 "	75	15' 0"	F
15/3 "	73	10' 0"	F	" "	74	16' 0"	F	" "	72	14' 0"	M
" "	73	15' 1"	M	" "	72	11' 0"	M	" "	70	12' 0"	M
" "	73	10' 2"	M	" "	78	9' 0"	F	" "	73	14' 0"	F
" "	69	7' 6"	F	" "	73	12' 0"	F	" "	71	14' 0"	F
" "	74	9' 0"	F	" "	68	9' 4"	M	" "	80	8' 0"	F
" "	75	13' 8"	M	21/3 "	74	12' 0"	F	" "	74	5' 0"	F
" "	76	12' 0"	F	" "	74	13' 0"	F	" "	67	11' 0"	M
" "	70	7' 0"	F	" "	73	14' 0"	F	" "	75	17' 0"	F
16/3 "	77	8' 0"	F	" "	74	10' 0"	M	" "	69	12' 0"	F
" "	71	5' 0"	M	" "	71	10' 0"	F	" "	56	10' 0"	M
" "	68	10' 0"	M	" "	77	15' 0"	F	" "	73	9' 8"	F
" "	70	11' 0"	M	22/3 "	70	4' 0"	M	" "	68	4' 8"	M
" "	76	4' 0"	F	" "	71	15' 0"	M	" "	65	7' 0"	M
" "	70	14' 0"	F	" "	72	16' 6"	F	" "	74	6' 6"	M
" "	65	8' 0"	M	" "	70	9' 0"	F	29/3 "	73	12' 0"	M
17/3 "	70	13' 0"	M	" "	67	12' 0"	F	" "	72	10' 0"	M
" "	73	8' 0"	M	" "	69	14' 0"	F	" "	71	12' 0"	F
" "	71	7' 0"	M	" "	70	10' 0"	F	" "	78	10' 0"	F
" "	70	7' 0"	F	" "	77	12' 0"	F	" "	73	10' 0"	M
" "	72	11' 0"	F	" "	70	8' 0"	F	" "	76	15' 0"	M
" "	73	13' 6"	M	23/3 "	77	8' 0"	M	" "	71	9' 0"	M
" "	70	8' 6"	F	" "	77	8' 0"	M	" "	73	14' 0"	M
18/3 "	75	11' 0"	F	" "	75	12' 0"	M	" "	74	15' 0"	F
" "	74	12' 0"	F	" "	74	10' 0"	M	" "	67	8' 0"	F
" "	71	18' 0"	M	" "	73	12' 0"	M	" "	67	7' 0"	M
" "	73	13' 0"	M	" "	73	14' 0"	M	" "	64	9' 0"	F
" "	74	13' 0"	F	" "	73	13' 0"	F	" "	69	12' 0"	M
" "	73	12' 0"	F	" "	60	6' 0"	M	" "	77	14' 0"	F
" "	76	10' 0"	F	" "	66	16' 0"	F	" "	68	14' 0"	F
" "	65	9' 8"	F	" "	68	11' 8"	M	" "	71	8' 6"	M
" "	74	9' 0"	M	24/3 "	74	6' 9"	M	" "	70	15' 0"	M
" "	75	6' 0"	M	25/3 "	77	14' 0"	F	" "	67	8' 8"	F
" "	74	7' 0"	M	" "	72	6' 0"	M	" "	79	9' 0"	M
" "	72	8' 0"	M	" "	78	18' 0"	F	" "	69	10' 0"	M
19/3 "	74	12' 0"	F	" "	72	7' 0"	M	30/3 "	78	16' 0"	F
" "	67	10' 0"	M	" "	73	16' 0"	M	" "	75	19' 0"	F
" "	72	6' 0"	F	" "	78	13' 0"	F	" "	70	9' 0"	F
" "	75	14' 0"	M	" "	69	12' 0"	F	" "	78	16' 0"	F
" "	74	14' 0"	M	" "	71	8' 0"	M	" "	72	4' 0"	M
" "	75	11' 0"	F	" "	73	10' 0"	M	" "	76	18' 0"	F
" "	69	9' 0"	M	26/3 "	77	10' 0"	F	" "	68	12' 0"	F
" "	73	8' 0"	F	" "	74	12' 0"	M	" "	75	15' 0"	F
" "	71	10' 4"	M	" "	77	13' 0"	F	" "	72	5' 0"	M
" "	74	12' 4"	M	" "	71	3' 0"	F	" "	74	8' 0"	F
" "	71	10' 0"	F	" "	74	6' 0"	M	" "	71	12' 0"	F
" "	70	8' 0"	M	" "	69	8' 0"	M	" "	63	8' 0"	F
" "	76	15' 0"	M	" "	67	9' 0"	F	" "	64	9' 0"	F
" "	74	8' 0"	F	" "	70	14' 6"	F	" "	64	12' 0"	F
" "	73	6' 0"	F	" "	71	10' 0"	M	" "	65	6' 0"	M
" "	74	14' 0"	M	" "	69	12' 0"	F	" "	70	10' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{30}{3}$ 47	70	11' 6"	F	$\frac{1}{4}$ 47	74	9' 0"	M	$\frac{3}{4}$ 47	75	8' 0"	M
" "	68	8' 2"	F	" "	70	8' 0"	M	" "	66	13' 0"	F
" "	60	11' 0"	M	" "	71	6' 0"	F	" "	70	10' 0"	M
" "	70	9' 0"	M	" "	71	14' 9"	F	" "	72	15' 0"	F
" "	70	14' 8"	M	" "	74	13' 0"	M	" "	66	14' 0"	M
$\frac{31}{3}$ "	75	6' 0"	F	" "	69	9' 6"	F	" "	69	9' 0"	F
" "	73	6' 0"	F	" "	73	13' 0"	F	" "	61	6' 0"	F
" "	78	16' 0"	F	$\frac{2}{4}$ "	72	16' 0"	F	" "	69	8' 6"	F
" "	75	15' 0"	M	" "	77	19' 0"	F	" "	70	10' 0"	M
" "	73	14' 0"	M	" "	75	10' 0"	F	" "	70	14' 0"	F
" "	72	18' 0"	F	" "	"	15' 0"	F	" "	68	11' 0"	M
" "	71	18' 0"	M	" "	75	12' 0"	F	" "	87	20' 0"	M
" "	67	8' 0"	F	" "	80	6' 0"	M	" "	77	20' 0"	M
" "	66	6' 0"	M	" "	76	18' 0"	F	$\frac{4}{4}$ "	72	16' 0"	M
" "	74	12' 0"	F	" "	77	15' 0"	M	" "	71	13' 0"	M
" "	75	9' 0"	F	" "	72	17' 0"	F	" "	73	15' 0"	M
$\frac{1}{4}$ "	74	14' 0"	F	" "	70	15' 0"	F	$\frac{5}{4}$ "	67	12' 0"	F
" "	69	10' 0"	F	" "	73	10' 0"	M	" "	69	11' 0"	F
" "	75	12' 0"	F	" "	74	10' 0"	M	" "	71	18' 0"	F
" "	71	10' 0"	M	$\frac{3}{4}$ "	76	14' 0"	M	" "	66	11' 0"	F
" "	70	12' 0"	M	" "	74	14' 0"	F	" "	69	9' 2"	M
" "	75	12' 0"	F	" "	74	17' 0"	M	" "	73	11' 0"	F
" "	75	13' 0"	M	" "	73	17' 0"	F	$\frac{6}{4}$ "	74	14' 0"	M
" "	69	10' 0"	F	" "	70	4' 0"	M	" "	75	16' 0"	M
" "	72	12' 0"	F	" "	75	7' 0"	F	$\frac{7}{4}$ "	71	9' 0"	M
" "	73	6' 0"	M	" "	73	9' 0"	M	$\frac{8}{4}$ "	72	9' 6"	M

Total 2,099 fin-whale foetuses, of which 1,027 males and 1,060 females. Sex was not stated for 12 foetuses. Of the 2,087 foetuses for which sex was stated, 49.21 per cent were males and 50.79 per cent females.

Humpback foetuses.

Date when measured.	Length.		Sex.
	Mother.	Foetus.	
	Engl. ft.	Engl. ft.	
$\frac{6}{1}$ 47	45	2' 0"	M
$\frac{26}{3}$ "	48	7' 0"	M

2 humpback foetuses, both males.

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.	
$\frac{17}{1}$ 47	53	4' 0"	M	$\frac{5}{2}$ 47	54	1' 6"	M	$\frac{10}{2}$ 47	50	11' 0"	F
$\frac{21}{1}$ "	50	6' 0"	F	$\frac{9}{2}$ "	50	6' 0"	M	$\frac{11}{2}$ "	51	8' 0"	F
$\frac{30}{1}$ "	49	4' 0"	F	" "	48	3' 6"	F	" "	54	8' 0"	F
$\frac{1}{2}$ "	53	8' 6"	M	$\frac{10}{2}$ "	54	6' 0"	M	" "	50	6' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$13\frac{1}{2}$ 47	47	6' 0"	M	$28\frac{1}{2}$ 47	50	8' 0"	F	$6\frac{1}{3}$ 47	49	8' 0"	M
$16\frac{1}{2}$ "	48	7' 0"	M	" "	51	4' 0"	M	" "	52	9' 0"	F
" "	49	6' 0"	M	" "	"	4' 0"	M	$7\frac{1}{3}$ "	50	9' 0"	F
$17\frac{1}{2}$ "	49	5' 0"	F	$\frac{1}{3}$ "	50	8' 0"	F	" "	49	11' 0"	F
" "	49	9' 0"	F	$\frac{2}{3}$ "	51	11' 0"	M	$\frac{9}{3}$ "	52	6' 0"	F
" "	51	7' 0"	F	$\frac{3}{3}$ "	50	6' 0"	F	$10\frac{1}{3}$ "	53	7' 0"	M
$18\frac{1}{2}$ "	48	9' 0"	M	" "	50	9' 0"	F	" "	55	10' 0"	F
$20\frac{1}{2}$ "	49	9' 0"	M	" "	55	9' 0"	F	" "	50	7' 0"	F
" "	50	8' 0"	M	$\frac{5}{3}$ "	54	9' 0"	F	" "	54	15' 0"	F
" "	50	9' 0"	M	" "	50	8' 0"	M	" "	53	8' 0"	F
" "	51	4' 6"	M	" "	50	6' 0"	M	$16\frac{1}{3}$ "	50	9' 0"	M
$28\frac{1}{2}$ "	50	5' 0"	F	$\frac{6}{3}$ "	52	6' 0"	M	$17\frac{1}{3}$ "	57	9' 0"	F
" "	53	10' 0"	F	" "	50	9' 0"	M	$18\frac{1}{3}$ "	48	9' 0"	M
" "	54	7' 0"	M	" "	50	8' 0"	F	$19\frac{1}{3}$ "	52	12' 0"	F

Total 54 sei-whale foetuses, of which 26 males and 28 females. Of the foetuses 48.15 per cent were males and 51.85 per cent females.

