

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

XIV

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS
APPOINTED BY THE NORWEGIAN GOVERNMENT



OSLO 1940

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PREFACE

As for the three previous seasons the committee presents the whaling statistics also for the season 1938-39 in two separate publications.

In the present publication, International Whaling Statistics XIV, we give the figures for the whaling in the *Antarctic* in the season 1938-39. The statistics for the whaling in other parts of the world will be published in spring 1940 together with the principal figures for the Antarctic.

Oslo, December 12, 1939.

Gunnar Jahn.

Birger Bergersen.

Harald B. Paulsen.

INTRODUCTION

WHALING IN ANTARCTIC 1938-39

During the season 1938-39 whaling operations in the Antarctic were restricted through the international agreement, signed in London on June 8th 1937 by the following States: The South African Union, The United States of America, Argentine, the Commonwealth of Australia, Germany, Great Britain and North Ireland, Ireland, New Zealand and Norway. This convention for the regulation of whaling has, according to the information obtained, been ratified by the following States in the following order:—

U.S.A., September 3rd 1937,—Great Britain, October 25th 1937,—Norway, October 29th 1937,—Germany, November 5th 1937,—Ireland, April 1938.—Canada have acceded to the agreement of 1937 and agreed to its extension (June 14th 1938).—Mexico have acceded to the agreement of 1937 and agreed to its extension under Article 21 (May 7th 1938).—New Zealand have ratified the agreement of 1937 and agreed to its extension.—Denmark have acceded to the agreement of 1937 and the protocol of 1938 as from 10th of July 1939. According to information received, the Japanese expeditions started whaling in the season 1939-40 about December 8th.

According to article 7 of the Convention the catching season for baleen whales is limited in any waters south of 40° South lat. to the period December 8th 1938 to March 7th 1939, both days included. In pursuance of the articles 4 and 5 of the Convention, it is forbidden to take or kill grey whales and/or right-whales, and to take or kill any blue-, fin-, humpback- or sperm-whales below the following lengths:—

Blue-whales.....	70 feet
Fin-whales.....	55 "
Humpbacks.....	35 "
Sperm-whales	35 "

The International Conference, held in London in June 1938, introduced some amendments to the Agreement of June 8th 1937. The principal amendments were:

Prohibition against the killing of humpbacks in all waters south of 40° South Lat. (Article 1).

Total protection for a period of 2 years from December 8th 1938 in waters south of 40° South Lat. from 70° West Longitude westwards as far as 160° West Longitude (Article 2).

Table a.—Total Antarctic.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
1919-20	1,874	3,213	261	71	8	¹⁾ 14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	¹⁾ 13	8,448	390,627	6	8	47	180
1921-22	4,416	2,492	9	103	3	—	7,023	452,517	6	8	46	153
1922-23	5,683	3,677	517	10	23	—	9,910	614,547	6	13	60	165
1923-24	3,732	3,035	233	193	66	¹⁾ 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	¹⁾ 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	¹⁾ 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	¹⁾ 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	¹⁾ 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⁾ 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⁾ 1	38,356	2,820,771	2	34	281	136

¹⁾ Right-whales.

The attempt at reducing the number of whaling boats per floating factory, during the negotiations in London, failed, and an appeal by the Norwegian Association of Whaling Companies sent on June 28th to all the companies excepting the German, German-chartered and Japanese, proposing such limitation, met with no success. Meetings of the parties concerned were held, but it was impossible to arrive at an agreement.

As in the previous season Japan carried on whaling in the Antarctic in 1938-39 entirely unimpeded by restrictions. An appeal from different quarters to refrain from taking humpbacks was, however, accepted by the Japanese Government. One of the Japanese expeditions ceased their humpback catch at the end of January and the others in the first days of February 1939. The Japanese expeditions started whaling on the first days of November 1938 and carried on till March 15th 1939.

As mentioned in the earlier publications of International Whaling Statistics, whaling operations have been restricted since 1932-33. During the seasons 1932-33 and 1933-34 whaling was restricted through production agreements concluded between most of the companies. During the season 1934-35 the catch was restricted to the period December 1st to March 31st, during the season 1935-36 to the period December 1st to March 15th, during the season 1936-37 to the period December 8th to March 7th, during the season 1937-38 to the period December 8th to March 15th and during the season 1938-39 to the period December 8th to March 7th. During the season 1935-36 there was

Table b.—Pelagic whaling in the Antarctic.¹⁾

Years.	Species of whales caught.						Total of whales.	Oil production. Barrels.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.		
1919-20.....	887	1,540	182	—	—	—	2,609	125,788
1920-21.....	1,761	2,848	157	—	—	—	4,766	213,490
1921-22.....	1,846	1,782	—	—	—	—	3,628	203,475
1922-23.....	2,114	2,232	197	—	4	—	4,547	266,994
1923-24.....	1,805	1,657	103	2	17	²⁾ 12	3,596	217,215
1924-25.....	2,191	2,347	97	—	35	—	4,670	290,915
1925-26.....	2,842	3,207	128	182	25	²⁾ 10	6,394	378,850
1926-27.....	2,856	3,958	189	413	22	²⁾ 12	7,450	455,070
1927-28.....	6,209	3,102	23	788	12	²⁾ 4	10,138	733,912
1928-29.....	11,174	3,559	33	412	31	—	15,209	1,282,711
1929-30.....	16,999	8,143	806	—	34	—	25,982	2,298,796
1930-31.....	28,325	8,601	510	1	27	²⁾ 1	37,465	3,420,410
1931-32.....	6,050	1,136	178	—	3	—	7,367	686,355
1932-33.....	18,624	4,441	159	—	107	—	23,331	2,401,879
1933-34.....	16,813	5,472	780	—	659	—	23,724	2,263,357
1934-35.....	15,944	11,664	1,928	141	556	—	30,233	2,345,858
1935-36.....	16,510	9,177	3,121	2	396	—	29,206	2,293,153
1936-37.....	14,183	13,302	4,460	19	856	²⁾ 1	32,821	2,576,479
1937-38.....	14,826	26,457	2,039	6	824	—	44,152	3,250,064
1938-39.....	13,849	19,477	883	3	2,468	²⁾ 1	36,681	2,709,281

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.

also a production agreement (see Introduction—Intern. Whaling Statistics No. VII, page 2), and during the season 1936–37 whaling in the Antarctic was restricted through an agreement between Norway and England, deciding i.a. a limitation as to the number of whaling boats (see Introduction—Intern. Whaling Statistics, No. X, page 3). These restrictions were in force for most of the companies taking part in the pelagic whaling in the Antarctic in these years. Particulars as to the exceptions in earlier seasons are given in the previous volumes of International Whaling Statistics.

In table *a*, page 4, are given the figures for the whaling in the Antarctic for each of the seasons 1919–20 to 1938–39. As a consequence of the different time restrictions and production agreements in every whaling season since 1932–33, these figures are not strictly comparable.

Since 1932–33, the whaling equipment measured by catchers, as will be seen from the table page 4, has increased from year to year. Last season 34 floating factories and 2 shore stations operating with 281 catchers took part in the whaling in the Antarctic. This constitutes a record for the last 8 years and exceeds the participation of last season by 3 floating factories and 25 catchers. The number of catchers is the largest ever recorded.

It is, therefore, noteworthy, that the number of whales killed has decreased by 7,683 animals, from 46,039 whales during 1937–38 to 38,356 during 1938–39, and that the oil production has declined by 519,559 barrels, from 3,340,330 barrels to 2,820,771 barrels.

Table c.—Number of whales per boat for pelagic whaling in the Antarctic.

1930-31	182.8
1931-32	223.3
1932-33	208.3
1933-34	206.3
1934-35	211.4
1935-36	177.0
1936-37	178.0
1937-38	181.0
1938-39	136.0

In order to throw a clearer light on the data stated above, we have given separate figures for the pelagic whaling in the Antarctic and the whaling off South Georgia. The particulars of the pelagic whaling in the Antarctic are given in table b, page 5.

As the pelagic whaling in the Antarctic represents the predominant part of the total proceeds on these grounds during the last seasons, the figures recorded closely correspond to those recording the total catch for the same period, i. e. a record number of catchers—270, but a considerable decrease in the number of whales killed as well as in the output of oil as compared to that of the previous season. The figures are, nevertheless, very high and apart from the record reached last year, only the catch of 1930-31 is greater in comparison.

If, however, we compare the number of whales killed with the number of catchers operating in the Antarctic, there is a considerable decrease in the yield of whaling.

Table c, above shows the average number of whales killed per boat for a series of years for pelagic whaling in the Antarctic.

We observe a considerable drop in last season's catch per boat—from 181 in 1937-38 to 136 in 1938-39—the lowest result ever recorded.

During the period 1930/31—1938/39 the development with regard to the efficiency of the catchers has been great, and the figures calculated on the basis of number of catchers are not strictly comparable. Also the varying length of the whaling season in later years makes it difficult to draw definite conclusions from the figures. The drop for the last season, however, as compared to the previous one, is so great that we might be allowed—experience from other hunting grounds taken into consideration—to state that the drop gives an indication as to the overtaxation of the stock on the Antarctic grounds.

Looking at the species of whales killed, we find a decrease in the number of blue-whales, from 14,826 animals for 1937-38 to 13,849 for 1938-39, a drop of 6.6 per cent. As far as the fin-whale is concerned, the figures show a decline from 26,457 animals killed during the 1937-38 season to 19,477 for 1938-39, a drop of 26.4 per cent. In accordance with the amendments introduced at the International Whaling Conference held in London in June 1938, the humpbacks were completely preserved in all waters south of 40° South Lat., and the entire

Table d.—Antarctic, pelagic whaling. Absolute figures.

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April	May.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1930/31 ..	38	2,784	6,445	7,936 ¹⁾	6,485	6,432 ¹⁾	3,274	366	— ²⁾	33,760 ¹⁾	37,465
	1931/32 ..	—	295	1,292	2,024	1,618	1,428	710	—	—	7,367	7,367
	1932/33 ..	—	963	4,686	5,324	5,738	4,119	2,306	196	—	23,332	23,331
	1933/34 ..	—	869	5,701	5,906	6,362	3,621	1,265	—	—	23,724	23,724
	1934/35 ..	—	270	1,382	8,067	7,603	7,147	5,492	149	93	30,203	30,233
	1935/36 ..	—	—	265	9,411	10,352	7,301	1,877	—	—	29,206	29,206
	1936/37 ..	—	4	542	8,279	11,804 ¹⁾	9,966	2,207	—	—	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	—	—	36,665 ¹⁾	36,681	
<i>Blue-whales.</i>	1930/31 ..	38	2,398	5,518	6,715	4,215	4,018	2,129	174	—	25,205	28,325
	1931/32 ..	—	277	1,181	1,909	1,424	861	398	—	—	6,050	6,050
	1932/33 ..	—	922	4,472	5,117	4,654	2,094	1,278	98	—	18,635	18,624
	1933/34 ..	—	805	5,139	4,993	3,579	1,656	641	—	—	16,813	16,813
	1934/35 ..	—	270	928	6,183	4,474	2,572	1,430	55	—	15,912	15,944
	1935/36 ..	—	—	100	6,874	5,244	3,311	981	—	—	16,510	16,510
	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	
<i>Fin-whales.</i>	1930/31 ..	—	377	764	1,032	2,150	2,383	1,136	192	—	8,034	8,601
	1931/32 ..	—	3	69	60	153	549	302	—	—	1,136	1,136
	1932/33 ..	—	30	151	154	985	1,993	1,022	96	—	4,431	4,441
	1933/34 ..	—	32	143	520	2,327	1,842	608	—	—	5,472	5,472
	1934/35 ..	—	—	88	993	2,623	3,986	3,906	52	—	11,648	11,664
	1935/36 ..	—	—	17	1,193	3,915	3,203	849	—	—	9,177	9,177
	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	
<i>Hump-backs.</i>	1930/31 ..	—	8	152	184	110	30	8	—	—	492	510
	1931/32 ..	—	15	39	55	41	18	10	—	—	178	178
	1932/33 ..	—	2	49	34	37	29	6	2	—	159	159
	1933/34 ..	—	29	383	156	147	49	16	—	—	780	780
	1934/35 ..	—	—	6	828	437	543	125	4	—	1,943	1,928
	1935/36 ..	—	—	4	1,214	1,107	749	47	—	—	3,121	3,121
	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
1938/39 ..	—	—	134	456	235	58	—	—	—	883	883	
<i>Sperm-whales.</i>	1930/31 ..	—	1	11	3	9	—	—	—	—	24	27
	1931/32 ..	—	—	3	—	—	—	—	—	—	3	3
	1932/33 ..	—	9	14	19	62	3	—	—	—	107	107
	1933/34 ..	—	3	36	237	309	74	—	—	—	659	659
	1934/35 ..	—	—	358	63	69	45	25	—	—	560	556
	1935/36 ..	—	—	142	130	86	38	—	—	—	396	396
	1936/37 ..	—	—	116	417	173	97	51	—	—	854	856
	1937/38 ..	—	—	245	397	78	60	41	—	—	821	824
1938/39 ..	—	—	309	953	533	499	168	—	—	2,462	2,468	
<i>Sei-whales.</i>	1930/31 ..	—	—	—	2	—	1	—	—	—	3	1
	1931/32 ..	—	—	—	—	—	—	—	—	—	—	—
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	—	—	—	—	—	—	—	—	—	—
	1934/35 ..	—	—	2	—	—	1	6	38	93	140	141
	1935/36 ..	—	—	2	—	—	—	—	—	—	2	2
	1936/37 ..	—	—	—	—	—	11	8	—	—	19	19
	1937/38 ..	—	—	—	—	—	—	6	—	—	6	6
1938/39 ..	—	—	—	—	—	—	1) ¹⁾	4	—	1) ¹⁾	4	

1) 1 right-whale included. 2) 2 right-whales included.

Table e.—Antarctic, pelagic whaling. Percentage figures.

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling statistics' total figures.	
<i>Total animals.</i>	1929/30 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1930/31 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	
	
<i>Blue-whales.</i>	1929/30 ..	84.6	85.1	86.9	85.8	48.0	51.1	48.4	27.2	30.8	66.4	65.8
	1930/31 ..	100.0	86.2	85.6	84.7	65.0	62.5	65.0	47.5	—	74.7	75.6
	1931/32 ..	—	93.9	91.5	94.3	88.0	60.3	56.1	—	—	82.1	82.1
	1932/33 ..	—	95.7	95.4	96.1	81.1	50.8	55.4	50.0	—	79.9	79.9
	1933/34 ..	—	92.6	90.2	84.6	56.3	45.7	50.7	—	—	70.9	70.9
	1934/35 ..	94.8	100.0	67.2	76.6	58.8	36.0	26.0	36.9	—	52.7	52.7
	1935/36 ..	—	—	37.7	73.0	50.7	45.3	52.3	—	—	56.5	56.5
	1936/37 ..	—	75.0	75.5	63.2	45.2	27.1	22.5	—	—	43.2	43.2
	1937/38 ..	—	—	57.5	62.1	31.3	16.1	16.0	—	—	33.5	33.5
1938/39 ..	—	—	62.5	50.5	38.8	23.7	23.5	—	—	37.8	37.8	
<i>Fin-whales.</i>	1929/30 ..	7.7	14.5	11.7	10.5	45.5	46.9	50.3	72.8	69.2	30.8	31.0
	1930/31 ..	—	13.5	11.8	13.0	33.2	37.0	34.7	52.5	—	23.8	22.9
	1931/32 ..	—	1.0	5.3	3.0	9.5	38.4	42.5	—	—	15.4	15.4
	1932/33 ..	—	3.1	3.2	2.9	17.2	48.4	44.3	49.0	—	19.0	19.0
	1933/34 ..	—	3.7	2.5	8.8	36.6	50.9	48.1	—	—	23.1	23.1
	1934/35 ..	—	—	6.4	12.3	34.5	55.8	71.1	34.9	—	38.6	38.6
	1935/36 ..	—	—	6.4	12.7	37.8	43.9	45.2	—	—	31.4	31.4
	1936/37 ..	—	25.0	1.3	14.1	37.7	61.4	70.5	—	—	40.5	40.5
	1937/38 ..	—	—	2.0	29.0	64.5	79.7	78.4	—	—	59.9	59.9
1938/39 ..	—	—	4.7	35.6	55.1	70.7	69.8	—	—	53.1	53.1	
<i>Hump-backs.</i>	1929/30 ..	7.7	0.2	1.0	3.6	6.4	2.0	1.3	—	—	2.7	3.1
	1930/31 ..	—	0.3	2.4	2.3	1.7	0.5	0.3	—	—	1.4	1.4
	1931/32 ..	—	5.1	3.0	2.7	2.5	1.3	1.4	—	—	2.4	2.4
	1932/33 ..	—	0.2	1.1	0.6	0.6	0.7	0.3	1.0	—	0.7	0.7
	1933/34 ..	—	3.3	6.7	2.6	2.3	1.4	1.2	—	—	3.3	3.3
	1934/35 ..	—	—	0.4	10.3	5.8	7.6	2.3	2.7	—	6.4	6.4
	1935/36 ..	—	—	1.5	12.9	10.7	10.3	2.5	—	—	10.6	10.6
	1936/37 ..	—	—	1.8	17.7	15.7	10.4	4.3	—	—	13.6	13.6
	1937/38 ..	—	—	19.7	5.3	3.6	3.7	4.7	—	—	4.6	4.6
1938/39 ..	—	—	9.9	4.5	1.9	0.6	—	—	—	2.4	2.4	
<i>Sperm-whales.</i>	1929/30 ..	—	0.2	0.4	0.1	0.1	—	—	—	—	0.1	0.1
	1930/31 ..	—	—	0.2	—	0.1	—	—	—	—	0.1	0.1
	1931/32 ..	—	—	0.2	—	—	—	—	—	—	0.1	0.1
	1932/33 ..	—	1.0	0.3	0.4	1.1	0.1	—	—	—	0.4	0.4
	1933/34 ..	—	0.4	0.6	4.0	4.8	2.0	—	—	—	2.7	2.7
	1934/35 ..	—	—	25.9	0.8	0.9	0.6	0.5	—	—	1.8	1.8
	1935/36 ..	—	—	53.6	1.4	0.8	0.5	—	—	—	1.4	1.4
	1936/37 ..	—	—	21.4	5.0	1.4	1.0	2.3	—	—	2.6	2.6
	1937/38 ..	—	—	20.8	3.6	0.6	0.5	0.8	—	—	1.9	1.9
1938/39 ..	—	—	22.9	9.4	4.2	5.0	6.6	—	—	6.7	6.7	
<i>Sei-whales.</i>	1929/30 ..	—	—	—	—	—	—	—	—	—	—	—
	1930/31 ..	—	—	—	—	—	—	—	—	—	—	—
	1931/32 ..	—	—	—	—	—	—	—	—	—	—	—
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	—	—	—	—	—	—	—	—	—	—
	1934/35 ..	—	—	0.1	—	—	—	0.1	25.5	100.0	0.5	0.5
	1935/36 ..	—	—	0.8	—	—	—	—	—	—	0.1	0.1
	1936/37 ..	—	—	—	—	—	0.1	0.4	—	—	0.1	0.1
1937/38 ..	—	—	—	—	—	—	0.1	—	—	0.1	0.1	
1938/39 ..	—	—	—	—	—	—	0.1	—	—	—	—	

catch of this species for the last season, which refers to the Japanese operations, amounted to only 883 animals, as against 2,039 for the previous season. The sei-whale is of no importance as far as the pelagic whaling is concerned. On the other hand, last season shows a marked increase in the number of sperm-whales killed, 2,468 as compared to 824 for the season 1937-38—an increase of about 200 per cent. This excessive killing of sperm-whales must be mainly attributed to the scarcity of blue-whales and fin-whales present on the hunting grounds as well as to the preservation of humpbacks.

As in earlier volumes of International Whaling Statistics we have given the catch of the different species by months. The absolute and percentage figures for 1938-39 and previous seasons are stated in the tables *d* and *e* on pages 7 and 8.

As previously emphasized, a direct monthly comparison cannot be made from year to year because of the varying whaling periods and different agreements relating to the killing of whales. In fact, as far as the later years are concerned, only the months of January and February can be directly compared.

It will appear from table *d*, that the number of blue-whales killed last season is greater than during the previous season for November, January and February, and that the decrease in the total catch is principally due to the considerable drop during December. During December 1938 only 5,124 blue-whales were killed as against 6,873 for the same month in 1937, although a greater number of catchers were participating, even during the first 8 days of December 1938 than in 1937. The increase in the blue-whale catch in January and February was 494 and 317 respectively, or 11.2 and 15.5 per cent, while the increase in catchers present on the whaling grounds during these months was 26 or 10.7 per cent.

As far as the fin-whale is concerned, the figures show a contrary development for the last season. We find an increase for December 1938, 3,605 as against 3,210 for the previous December, while there is a considerable decrease in the catch for the months of January, February and March.

This decrease might be a consequence of the slaughtering of fin-whales during the preceding season. The decrease in March is, however, also a consequence of the shortening of the season, from March 1-15, 1938, to March 1-7, 1939. As, however, the shoals of fin-whales present on the whaling grounds at the ice barriers vary considerably from one year to another, no definite conclusion can be drawn from the figures for these two seasons.

As previously mentioned, the preservation of the humpbacks has reduced the catch from 2,039 animals during 1937-38 to 883 for the 1938-39 season. The humpback figures consequently show a decrease for all the months compared with last season. The decrease is the greater for January and February. On the other hand the catch of sperm-whales shows a considerable increase for every month of the season.

Table f.—Antarctic, pelagic whaling.

	1930/31.				1931/32.		1932/33.		1933/34.		1934/35.		1935/36.		1936/37.		1937/38.		1938/39.	
	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.	West Antarctic and eastward		Ross Sea and westward																	
Immature																				
males	1,759	16.10	115	6.28	204	6.89	1,393	14.40	1,025	11.07	2,058	24.56	2,369	26.50	2,133	29.14	1,825	23.57	1,916	27.53
females . . .	1,567	16.90	132	7.01	239	9.64	1,721	19.32	1,415	18.78	2,489	33.20	2,804	37.07	2,600	37.91	2,392	33.90	2,350	34.16
animals . . .	3,326	16.46	247	6.65	443	8.14	3,114	16.76	2,440	14.53	4,547	28.64	5,173	31.34	4,733	33.39	4,217	28.49	4,266	30.83
Mature																				
males	9,169	83.90	1,717	93.72	2,758	93.11	8,280	85.60	8,232	88.93	6,320	75.44	6,571	73.50	5,186	70.86	5,919	76.43	5,043	72.47
females . . .	7,706	83.10	1,751	92.99	2,241	90.36	7,186	80.68	6,120	81.22	5,009	66.80	4,761	62.93	4,258	62.09	4,665	66.10	4,530	65.84
animals . . .	16,875	83.54	3,468	93.35	4,999	91.86	15,466	83.24	14,352	85.47	11,329	71.36	11,332	68.66	9,444	66.61	10,584	71.51	9,573	69.17
Fin-whales.																				
Immature																				
males	1,144	32.71	25	3.48	67	12.25	307	12.99	282	9.87	1,055	17.07	798	16.65	1,015	13.61	2,175	14.96	2,089	20.04
females . . .	825	32.51	22	4.10	47	11.87	244	11.78	280	10.71	1,135	20.95	790	18.03	1,003	17.20	2,005	16.89	2,029	22.41
animals . . .	1,969	32.63	47	3.74	114	12.09	551	12.43	562	10.27	2,190	18.88	1,588	17.31	2,018	15.18	4,180	15.83	4,118	21.14
Mature																				
males	2,353	67.29	694	96.52	480	87.75	2,056	87.01	2,574	90.13	5,126	82.93	3,996	83.35	6,443	86.39	12,367	85.04	8,333	79.96
females . . .	1,713	67.49	515	95.90	349	88.13	1,827	88.22	2,335	89.29	4,283	79.05	3,592	81.97	4,830	82.80	9,865	83.11	7,026	77.59
animals . . .	4,066	67.37	1,209	96.26	829	87.91	3,883	87.57	4,909	89.73	9,409	81.12	7,588	82.69	11,273	84.82	22,232	84.17	15,359	78.86
Humpbacks.																				
Immature																				
males	87	69.60	48	69.57	59	76.62	39	63.93	185	56.57	363	40.33	395	31.45	789	35.80	297	38.87	177	66.54
females . . .	92	62.16	46	45.10	79	79.80	46	46.94	179	40.41	338	32.91	574	30.83	940	41.67	435	34.36	305	49.43
animals . . .	179	65.57	94	54.97	138	78.41	85	53.46	364	47.27	701	36.38	969	31.08	1,729	38.77	732	36.06	482	54.59
Mature																				
males	38	30.40	21	30.43	18	23.38	22	36.07	142	43.43	537	59.67	861	68.55	1,415	64.20	467	61.13	89	33.46
females . . .	56	37.84	56	54.90	20	20.20	52	53.06	264	59.59	689	67.09	1,288	69.17	1,316	58.33	831	65.64	312	50.57
animals . . .	94	34.43	77	45.03	38	21.59	74	46.54	406	52.73	1,226	63.62	2,149	68.92	2,731	61.23	1,298	63.94	401	45.41

Table g.—Average size of blue-whales, fin-whales, humpbacks and sperm-whales.

Kind of whale and whaling grounds.	1938-1939.	1937-1938.	1936-1937.	1935-1936.	1934-1935.	1933-1934.	1932-1933.	1931-1932.	1930-1931.	1929-1930.	1928-1929.
Blue-whales.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
South Georgia .	75.81	70.89	71.79	74.27	74.15	72.67	70.87	70.90	75.47	74.07	75.30
South Shetland .	} 78.11	} 78.42	} 77.49	} 77.75	} 78.57	} 80.51	} 80.40	} 84.03	} 79.84	} 80.19	} 81.11
South Orkney ..											
Pelagic whaling in Antarctic ..											
Ross Sea									82.09	82.10	-
Fin-whales.											
South Georgia .	65.37	64.52	63.56	64.66	65.76	64.44	63.96	62.16	65.74	66.05	
South Shetland .	} 67.21	} 67.86	} 67.80	} 67.72	} 67.61	} 68.99	} 68.71	} 69.95	} 65.46	} 65.15	
South Orkney ..											
Pelagic whaling in Antarctic ..											
Ross Sea									69.89	71.17	
Humpbacks.											
South Georgia ..	-	41.53	39.82	40.29	44.19	38.40	-	-	39.83	40.20	
South Shetland .	} 39.64	} 41.07	} 40.59	} 41.43	} 40.83	} 40.09	} 39.22	} 35.65	} 38.03	} 40.24	
South Orkney ..											
Pelagic whaling in Antarctic ..											
Ross Sea.....											
Sperm-whales											
South Georgia ..	50.33	50.53	50.82	48.00	50.66	-	-	-	-	-	-
Pelagic whaling in Antarctic ..	52.88	53.17	53.04	54.06	53.38	53.39	53.49	-	-	-	-

As will be seen from table *e*, the percentage of the blue-whales in relation to the total catch has decreased for a series of years. During the last season, however, the blue-whales represent a greater percentage of the total catch than in 1937-38—37.8 per cent as against 33.5 per cent, an increase which is insignificant and only a consequence of the decrease in the fin-whale catch. The percentage of fin-whales has decreased as compared with the previous season from 59.9 to 53.1 per cent.

Table *f*, on page 10, comprising the number of immature and mature blue- and fin-whales killed, has been extended to include also humpbacks. According to the Discovery Reports the humpback male reaches maturity when 39 feet in length and the female when 41 feet. It will appear from the table that the percentage of immature blue-whales killed increased slightly, from 28.49 per cent in 1937-38 to 30.83 per cent for 1938-39. The variations in the percentage of immature blue-whales killed have altogether been very small since 1934-35.

As regards the fin-whale the percentage of immature animals killed has increased to a greater extent, from 15.83 per cent for 1937-38 to 21.14 per

Table h.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
								Barrels.				
1919-20	987	1,673	79	71	8	1) 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

1) Right-whales.

cent for the last season. This is the highest figure recorded relating to fin-whales since 1930-31. More than 50 per cent of the humpbacks killed last season were immature animals.

At the same time as the percentage of immature animals killed last season has risen, the average size of blue- and fin-whales has decreased as compared with the previous season, as far as the pelagic whaling is concerned. See table *g*, page 11. This table has now been extended to include humpbacks and sperm-whales. The average size of these two species has also decreased last season, as compared to the previous season.

The figures for South Georgia comprising a series of years are printed in table *h*, above.

The whaling off South Georgia last season was carried on from 2 shore stations with 11 catchers. The result of last season's catch was 212 animals less than for 1937-38, while, on the other hand, the oil production increased by 21,224 barrels for the same period. The greater output of oil was principally due to the fact that the whales killed in this area were extraordinarily fat last season, thus increasing the oil output per blue-whale unit from 95.7 barrels to 117.6, or, in other words by 21.9 barrels (see table *l*, page 16). We note a marked rise in the number of blue-whales, a drop in the number of fin-whales and a considerable drop in the number of sei-whales, but again a considerable increase in the number of sperm-whales.

According to the table, the number of whales killed in relation to the number of catchers operating off South Georgia dropped last season, from 157 whales per boat in 1937-38 to 152 in 1938-39.

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

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1930/31	58	512	648	602 ¹⁾	486	322	99	9	— ¹⁾	2,736	¹⁾ 2,736
	1931/32	—	142	361	581	449	400	186	86	—	2,205	2,205
	1932/33	—	128	196	294	376	2	—	—	—	996	996
	1933/34	—	66	196	652	841	545	63	—	—	2,363	2,363
	1934/35	—	57	337	401	292	256	209	23	—	1,575	1,575
	1935/36	—	187	399	437	463	299	—	—	—	1,785	1,785
	1936/37	—	81	204	289	369	316	307	192	—	1,758	1,758
	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	
<i>Blue-whales.</i>	1930/31	16	235	297	292	173	57	13	2	—	1,085	1,085
	1931/32	—	24	99	206	78	12	14	5	—	438	438
	1932/33	—	47	85	79	56	—	—	—	—	267	267
	1933/34	—	21	51	125	172	129	38	—	—	536	536
	1934/35	—	38	146	218	104	31	16	3	—	556	556
	1935/36	—	175	368	256	294	128	—	—	—	1,221	1,221
	1936/37	—	9	66	19	21	3	2	1	—	121	121
	1937/38	—	4	3	15	36	34	4	1	—	97	97
1938/39	—	—	7	131	35	24	32	3	—	232	232	
<i>Fin-whales.</i>	1930/31	42	269	349	308	259	157	32	—	—	1,416	1,416
	1931/32	—	117	260	375	367	377	165	74	—	1,735	1,735
	1932/33	—	81	111	215	318	2	—	—	—	727	727
	1933/34	—	44	137	493	648	383	23	—	—	1,728	1,728
	1934/35	—	19	185	172	183	196	76	5	—	836	836
	1935/36	—	12	31	170	140	167	—	—	—	520	520
	1936/37	—	70	136	254	301	253	51	14	—	1,079	1,079
	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	
<i>Hump-backs.</i>	1930/31	—	2	—	2	44	10	6	2	—	66	66
	1931/32	—	—	—	—	4	2	—	—	—	6	6
	1932/33	—	—	—	—	—	—	—	—	—	—	—
	1933/34	—	—	5	31	21	33	2	—	—	92	92
	1934/35	—	—	3	11	5	4	—	—	—	23	37
	1935/36	—	—	—	11	28	2	—	—	—	41	41
	1936/37	—	—	1	7	8	—	1	—	—	17	17
	1937/38	—	—	—	20	18	2	—	—	—	40	40
1938/39	—	—	—	—	—	—	—	—	—	—	—	
<i>Sperm-whales.</i>	1930/31	—	6	2	—	9	3	4	—	—	24	24
	1931/32	—	1	2	—	—	—	2	5	—	10	10
	1932/33	—	—	—	—	—	—	—	—	—	—	—
	1933/34	—	1	3	3	—	—	—	—	—	7	7
	1934/35	—	—	3	—	—	20	12	—	—	35	21
	1935/36	—	—	—	—	1	2	—	—	—	3	3
	1936/37	—	1	1	9	6	9	34	10	—	70	70
	1937/38	—	1	10	5	5	—	18	4	—	43	43
1938/39	—	—	1	4	5	5	87	15	—	117	117	
<i>Sei-whales.</i>	1930/31	—	—	—	—	—	95	44	5	—	144	144
	1931/32	—	—	—	—	—	9	5	2	—	16	16
	1932/33	—	—	—	—	2	—	—	—	—	2	2
	1933/34	—	—	—	—	—	—	—	—	—	—	—
	1934/35	—	—	—	—	—	5	105	15	—	125	125
	1935/36	—	—	—	—	—	—	—	—	—	—	—
	1936/37	—	1	—	—	33	51	219	167	—	471	471
	1937/38	—	—	—	—	—	33	91	31	—	155	155
1938/39	—	—	—	—	—	—	13	6	—	19	19	

¹⁾ 1 right-whale included.

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

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling statistics' total figures.	
<i>Total animals.</i>	1930/31 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1931/32 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	
	
<i>Blue-whales.</i>	1930/31 ..	27.6	45.9	45.8	48.5	35.7	17.7	13.1	22.2	—	39.7	39.7
	1931/32 ..	—	16.9	27.4	35.5	17.4	3.0	7.5	5.8	—	19.9	19.9
	1932/33 ..	—	36.7	43.4	26.9	14.9	—	—	—	—	26.8	26.8
	1933/34 ..	—	31.8	26.0	19.2	20.5	23.7	60.3	—	—	22.7	22.7
	1934/35 ..	—	66.7	43.3	54.4	35.6	12.1	7.7	13.0	—	35.3	35.3
	1935/36 ..	—	93.6	92.2	58.6	63.5	42.8	—	—	—	68.4	68.4
	1936/37 ..	—	11.2	32.4	6.6	5.7	1.0	0.7	0.5	—	6.9	6.9
	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	
<i>Fin-whales.</i>	1930/31 ..	72.4	52.5	53.9	51.2	53.4	48.8	32.3	—	—	51.7	51.7
	1931/32 ..	—	82.4	72.0	64.5	81.7	94.3	88.7	86.1	—	78.6	78.6
	1932/33 ..	—	63.3	56.6	73.1	84.6	100.0	—	—	—	73.0	73.0
	1933/34 ..	—	66.7	69.9	75.6	77.0	70.3	36.5	—	—	73.1	73.1
	1934/35 ..	—	33.3	54.9	42.9	62.7	76.6	36.4	21.7	—	53.1	53.1
	1935/36 ..	—	6.4	7.8	38.9	30.2	55.8	—	—	—	29.1	29.1
	1936/37 ..	—	86.4	66.6	87.9	81.6	80.1	16.6	7.3	—	61.4	61.4
	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	
<i>Hump-backs.</i>	1930/31 ..	—	0.4	—	0.3	9.1	3.1	6.1	22.2	—	2.4	2.4
	1931/32 ..	—	—	—	—	0.9	0.5	—	—	—	0.3	0.3
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	—	2.6	4.7	2.5	6.0	3.2	—	—	3.9	3.9
	1934/35 ..	—	—	0.9	2.7	1.7	1.6	—	—	—	1.5	2.4
	1935/36 ..	—	—	—	2.5	6.1	0.7	—	—	—	2.3	2.3
	1936/37 ..	—	—	0.5	2.4	2.2	—	0.3	—	—	1.0	1.0
	1937/38 ..	—	—	—	4.7	2.7	0.6	—	—	—	2.1	2.1
1938/39 ..	—	—	—	—	—	—	—	—	—	—	—	
<i>Sperm-whales.</i>	1930/31 ..	—	1.2	0.3	—	1.8	0.9	4.0	—	—	0.9	0.9
	1931/32 ..	—	0.7	0.6	—	—	—	1.1	5.8	—	0.5	0.5
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	1.5	1.5	0.5	—	—	—	—	—	0.3	0.3
	1934/35 ..	—	—	0.9	—	—	7.8	5.7	—	—	2.2	1.3
	1935/36 ..	—	—	—	—	0.2	0.7	—	—	—	0.2	0.2
	1936/37 ..	—	1.2	0.5	3.1	1.6	2.8	11.1	5.2	—	4.0	4.0
	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	
<i>Sei-whales.</i>	1930/31 ..	—	—	—	—	29.5	44.5	55.6	—	—	5.3	5.3
	1931/32 ..	—	—	—	—	—	2.2	2.7	2.3	—	0.7	0.7
	1932/33 ..	—	—	—	—	0.5	—	—	—	—	0.2	0.2
	1933/34 ..	—	—	—	—	—	—	—	—	—	—	—
	1934/35 ..	—	—	—	—	—	1.9	50.2	65.3	—	7.9	7.9
	1935/36 ..	—	—	—	—	—	—	—	—	—	—	—
	1936/37 ..	—	1.2	—	—	8.9	16.1	71.3	87.0	—	26.7	26.7
	1937/38 ..	—	—	—	—	—	9.9	44.8	29.0	—	8.2	8.2
1938/39 ..	—	—	—	—	—	—	3.8	15.8	—	1.1	1.1	

Table k.—South Georgia.

	1932/33.		1933/34.		1934/35.		1935/36.		1936/37.		1937/38.		1938/39.	
	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	86	77.48	136	60.99	119	49.17	313	53.97	42	71.19	25	73.53	44	44.90
females	120	77.42	207	66.56	188	59.87	364	56.79	40	64.52	51	80.95	65	48.51
animals	206	77.44	343	64.23	307	55.22	677	55.45	82	67.77	76	78.35	109	46.98
Mature														
males	25	22.52	87	39.01	123	50.83	267	46.03	17	28.81	9	26.47	54	55.10
females	35	22.58	104	33.44	126	40.13	277	43.21	22	35.48	12	19.05	69	51.49
animals	60	22.56	191	35.77	249	44.78	544	44.55	39	32.23	21	21.65	123	53.02
Fin-whales.														
Immature														
males	147	42.61	335	37.43	95	23.00	110	40.15	242	42.61	313	37.89	188	30.72
females	186	49.47	373	44.78	149	35.22	94	38.21	255	49.90	286	39.39	231	33.24
animals	333	46.19	708	40.97	244	29.19	204	39.23	497	46.06	599	38.60	419	32.06
Mature														
males	198	57.39	560	62.57	318	77.00	164	59.85	326	57.39	513	62.11	424	69.28
females	190	50.53	460	55.22	274	64.78	152	61.79	256	50.10	440	60.61	464	66.76
animals	388	53.81	1,020	59.03	592	70.81	316	60.77	582	53.94	953	61.40	888	67.94

The whaling off South Georgia month by month in absolute and relative figures, will be found in tables *i* and *j* on pages 13 and 14.

Table *k* gives the distribution of blue- and fin-whales with respect to immature and mature animals.

We note that the percentage of immature blue-whales shows a marked decrease from previous years. While more than 50 per cent of the blue-whale catch off South Georgia of late years has consisted of immature animals, last season's percentage was only 46.98. Also for fin-whales this percentage was lower last season than during the 3 previous years.

As a consequence of the decrease in the catch of quite young animals, the average size of the blue-whales and fin-whales killed in these waters has risen last season. See table *g*, page 11.

The result of the whaling off South Georgia is to a large extent depending on the ice situation. In 1938-39 for instance, the ice situation created excellent feeding grounds for the blue-whales.

In table *l*, page 16, is given a calculation of the average oil production per blue-whale unit for a series of years.

According to this table the average yield for South Georgia has increased considerably, from 95.7 barrels in 1937-38 to 117.6 barrels in 1938-39. This is

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

Years.	South Georgia.	Other grounds in Antarctic.	Years.	South Georgia.	Other grounds in Antarctic.
	Barrels. ²⁾	Barrels.		Barrels.	Barrels.
1924-25.....	87.5	85.0	1932-33.....	86.5	114.6
1925-26.....	84.0	84.8	1933-34.....	91.8	111.9
1926-27.....	96.4	91.1	1934-35.....	105.1	102.2
1927-28.....	106.4	92.8	1935-36.....	95.5	101.6
1928-29.....	108.2	98.3	1936-37.....	104.5	111.7
1929-30.....	110.7	109.6	1937-38.....	95.7	111.1
1930-31.....	100.1	105.6	1938-39.....	117.6	107.1
1931-32.....	92.9	102.6			

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.).

the greatest output recorded for later years, and is, as previously mentioned, due to the fact that the whales killed off South Georgia were extraordinarily fat last season. For the other grounds in the Antarctic the average oil production dropped from 111.1 in 1937-38 to 107.1 in 1938-39.

Table *m* gives a survey of the whaling operations for a series of years of the companies of Norway, the British Empire and other countries.

This table shows that the dominating position formerly held by the Norwegian and British whaling companies in the Antarctic has been declining to an ever

Table m.—Whaling in the Antarctic 1919/20—1938/39.

Years.	Norwegian whaling.		British whaling.		Whaling of other countries.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.
		Barrels. ¹⁾		Barrels.		Barrels.
1919-20	3,425	176,595	1,638	75,907	378	20,315
1920-21	5,761	265,990	2,037	92,914	650	31,723
1921-22	4,482	279,965	2,103	132,552	438	40,000
1922-23	5,651	346,733	3,439	213,823	820	53,991
1923-24	4,371	276,852	2,364	153,124	536	34,702
1924-25	6,450	418,315	3,257	229,753	781	49,023
1925-26	8,699	481,245	4,441	247,636	1,079	54,426
1926-27	8,410	557,979	3,443	254,702	812	59,681
1927-28	8,960	700,729	3,374	269,274	1,441	67,389
1928-29	13,993	1,163,992	4,756	370,681	1,592	96,667
1929-30	19,821	1,728,112	8,960	723,196	1,386	95,451
1930-31	25,269	2,291,694	12,196	1,094,145	2,736	222,509
1931-32	—	—	8,722	759,843	850	48,717
1932-33	11,768	1,285,853	11,563	1,116,026	996	54,583
1933-34	12,308	1,218,054	12,640	1,111,700	1,139	65,790
1934-35	15,463	1,183,897	15,323	1,204,047	1,022	66,055
1935-36	14,421	1,116,033	12,538	995,167	4,032	325,138
1936-37	15,039	²⁾ 1,158,665	12,361	977,822	7,179	521,621
1937-38	14,960	²⁾ 1,157,993	16,111	1,153,365	14,968	1,028,972
1938-39	11,521	²⁾ 842,712	11,192	891,791	15,643	1,086,268

¹⁾ Barrel = 1/6 ton (1 ton = 1,016 kg.). ²⁾ 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.

Table n.—Whaling in the Antarctic 1935/36—1938/39. 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.
		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾
<i>Absolute figures.</i>														
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	15,039	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	14,960	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	11,521	842,712	11,192	891,791	7,540	483,476	5,066	374,149	907	68,853	2,130	159,790
<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

¹⁾ Barrel = $\frac{1}{2}$ ton (ton = 1,016 kg.). ²⁾ 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.

increasing degree during the last 4–5 years, and that the whaling of other nations accounted for about 40 per cent of the total proceeds last season.

In order to ascertain the distribution of the total proceeds among the participating nations we have in table *n*, on page 17 specified the number of whales killed and the oil production as far as the principal nations are concerned since 1935–36.

The absolute figures show a decrease in the number of whales killed with respect to Norway, the British Empire, Germany, Panama and other countries. Of the participating nations only Japan has killed a greater number of whales in the last season than in the previous one. German expeditions killed 171 whales less than in 1937–38, but nevertheless their oil production increased by 17,291 barrels.

Looking at the percentage figures we find Norway's as well as The British Empire's share of the total proceeds constantly declining. This is chiefly to be accredited to the gain of Japan and Germany. The *British* expeditions operated last season from one shore station and 9 floating factories with 79 catchers, i. e. with a somewhat reduced equipment as compared to the previous year, when the corresponding figures were 1–10–89. The British share of the total catch has, consequently, declined the most, from 35.0 to 29.2 per cent or by about 6 per cent as far as the number of whales is concerned but only by about 3 per cent with regard to the oil production, from 34.5 to 31.6 per cent. *Norway* operated last season with 12 floating factories and 90 catchers as against 11 floating factories and 83 catchers the previous season. Nevertheless, the proceeds declined from 32.5 to 30.0 per cent, or by 2.5 per cent as regards the number of whales killed and from 34.7 to 29.9 per cent, or by as much as 4.8 per cent in regard to the output of oil.

The *Japanese* have increased and improved their equipment from year to year and operated last season with 6 floating factories and 49 catchers as against 4 floating factories and 30 catchers during the previous season. Not being a party to the international convention, as previously referred to, they have, been in a position to increase their share of the total proceeds of the whaling to a considerable extent, by as much as 7.6 per cent in regard to the number of whales killed and by 5.5 per cent in oil production. The Japanese share of the total proceeds amounted to 19.7 per cent in regard to the number of whales killed and to 17.1 in regard to the oil production for the last season. *Germany* also had increased the equipment, by 1 floating factory and 11 catchers from the previous season, and the German share of the Antarctic whaling increased by about 2 per cent in the number of whales killed and by nearly 3 per cent in the oil production, the German share of last season's total proceeds thus amounting to 13.2 and 13.3 per cent in regard to the number of whales killed and output of oil respectively. The share of the other nations participating—Panama, U. S. A. and Argentine, does not amount to more than about 8 per cent of the total proceeds. The figures show a slight decline for last season.

A review of the oil prices for the period 1885-1931 is given in International Whaling Statistics IV. The prices later on have been as follows:

Whale oil No. 1.—Price per ton.

Years.		Highest.	Lowest.
		£ sh.	£ sh.
1932.....	Naked	14. 10	10. —
1933.....	”	15. 10	10. —
1934.....	”	12. —	8. 10
1935.....	”	20. 5	8. 10
1936.....	”	23. —	17. 10
1937.....	”	22. 10	17. —
1938.....	”	17. —	12. —
1939.....	”	15. 10	12. —

The bulk of last season's production was sold at £ 15-0-0 and £ 15-10-0 per ton. A few unimportant sales were concluded at slightly higher prices.

Until 1934-35 the crews employed in whaling in the Antarctic were almost exclusively Norwegian. As other nations took up the competition, Norwegian crews were employed to begin with, but were later gradually replaced by crews of the respective nationalities.

In 1935-36 455 of the crews or about 6 per cent were of other nationalities than Norwegian, mostly Japanese. During the last 3 seasons the number according to the Whaling Gazette was as follows:

Table o.—Distribution of whaling crews by nationalities.

	Total.	Norwegian.	British.	Japanese.	German.	Others.
1936-37.....	9,321	7,678	454	837	255	97
1937-38.....	11,227	7,615	675	1,840	886	211
1938-39.....	12,705	7,517	866	2,793	1,386	143

As will appear from this table there has been a great increase in the number of crews of British, Japanese and German nationality, while the number of Norwegians has slightly declined during later years. Last season as much as 40.8 per cent of all the crews employed in the Antarctic were of other nationalities than Norwegian.

Oslo, December 12th 1939.

Gunnar Jahn.

**Table No. 1.—Whaling in the Southern Seas
in the Season 1938/39.**

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	232	1,307	—	19	117	1,675	Barrel = 1/6 ton. 1)	2	—	11
Antarctic, others (pelagic whaling).	13,849	19,477	883	3	2,468	2)36,681	2,709,281	—	34	270
Total	14,081	20,784	883	22	2,585	2)38,356	2,820,771	2	34	281

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

**Table No. 2.—Whaling results for the various countries
in the Southern Seas 1938/39.**

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
British Empire:—							Barrel = 1/6 ton. 1)			
Antarctic, pelagic	4,844	5,413	—	1	283	10,541	847,127	—	9	74
South Georgia . . .	91	515	—	10	35	651	44,664	1	—	5
Norway:—										
Antarctic, pelagic	3,618	6,771	—	—	1,132	11,521	2) 842,712	—	12	90
Japan:—										
Antarctic, pelagic	2,666	3,344	883	—	647	7,540	483,476	—	6	49
Germany:—										
Antarctic, pelagic	1,806	2,907	—	2	350	2) 5,066	374,149	—	5	41
U.S.A.:—										
Antarctic, pelagic	554	548	—	—	4	1,106	92,964	—	1	8
Panama:—										
Antarctic, pelagic	361	494	—	—	52	907	68,853	—	1	8
Argentina:—										
South Georgia . . .	141	792	—	9	82	1,024	66,826	1	—	6
Total	14,081	20,784	883	22	2,585	2)38,356	2,820,771	2	34	281

1) 1 ton = 1,016 kg. 2) Including the production of two Norwegian expeditions hired by Germany—118,380 barrels. 3) 1 Right-whale included.

**Table No. 3.—Average size of whales caught
in the Southern Seas 1938/39.**

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>A. Blue-whales.</u>				
<i>South Georgia</i>	No. 1	74.86	77.66	76.58
Males 98 } Total 232.	" 2	74.32	76.12	75.31
Females 134 }				
Average		74.51	76.76	75.81
<i>Antarctic, others</i> (pelagic whaling)	No. 1	80.60	82.67	81.39
Males 6,959 } Total 13,839.	" 2	78.85	83.30	81.21
Females 6,880 }	" 3	78.76	82.57	80.44
	" 4	77.73	81.01	79.31
	" 5	77.69	81.24	79.09
	" 6	77.29	80.92	79.09
	" 7	76.87	81.18	79.08
	" 8	76.78	81.19	79.07
	" 9	77.68	80.67	79.06
	" 10	76.76	81.60	79.00
	" 11	77.14	80.94	78.99
	" 12	77.39	80.34	78.95
	" 13	77.49	80.32	78.93
	" 14	77.07	80.64	78.93
	" 15	77.66	80.28	78.92
	" 16	77.16	80.57	78.85
	" 17	77.53	79.87	78.64
	" 18	76.97	79.84	78.45
	" 19	75.44	80.03	78.22
	" 20	76.01	80.50	78.19
	" 21	76.51	79.73	78.07
	" 22	77.03	78.82	77.90
	" 23	75.89	79.12	77.70
	" 24	76.03	78.51	77.46
	" 25	75.89	78.93	77.31
	" 26	76.41	78.12	77.29
	" 27	75.21	79.34	77.23
	" 28	76.05	78.74	77.21
	" 29	75.37	78.76	77.20
	" 30	76.09	77.40	76.72
	" 31	75.44	77.47	76.49
	" 32	74.91	77.35	76.18
	" 33	74.37	77.16	75.85
	" 34	74.60	76.71	75.66
Average		76.66	79.57	78.11
<u>B. Fin-whales.</u>				
<i>South Georgia</i>	No. 1	64.21	66.62	65.50
Males 612 } Total 1,307.	" 2	63.72	66.67	65.28
Females 695 }				
Average		63.91	66.65	65.37
<i>Antarctic, others</i> (pelagic whaling)	No. 1	67.30	72.10	69.69
Males 10,422 } Total 19,477.	" 2	67.39	70.91	69.09
Females 9,055 }	" 3	67.49	70.27	68.88
	" 4	67.26	70.27	68.77
	" 5	67.34	70.34	68.52

Table No. 3 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.			
		Males.	Females.	Total animals.	
		Engl. feet.	Engl. feet.	Engl. feet.	
<i>Antarctic, others</i> (continued)	No. 6	66.46	70.43	68.49	
	" 7	67.00	69.83	68.37	
	" 8	66.66	70.22	68.04	
	" 9	66.06	70.63	68.03	
	" 10	66.65	69.55	67.93	
	" 11	66.19	69.94	67.91	
	" 12	66.65	69.16	67.87	
	" 13	65.83	69.64	67.68	
	" 14	65.77	70.22	67.65	
	" 15	65.50	69.71	67.57	
	" 16	66.91	68.52	67.55	
	" 17	65.90	69.25	67.43	
	" 18	64.57	69.60	67.29	
	" 19	65.58	68.93	67.28	
	" 20	65.74	68.51	67.25	
	" 21	65.49	69.13	67.15	
	" 22	64.26	69.01	66.91	
	" 23	65.51	68.62	66.86	
	" 24	64.67	67.93	66.55	
	" 25	64.69	68.97	66.52	
	" 26	65.39	68.25	66.42	
	" 27	65.27	67.73	66.14	
	" 28	64.57	67.94	66.12	
	" 29	64.58	67.02	66.00	
	" 30	64.73	66.58	65.45	
	" 31	63.79	66.87	65.44	
	" 32	63.63	66.52	65.07	
	" 33	63.45	66.00	64.66	
	" 34	63.37	65.56	64.51	
	Average		65.73	68.92	67.21
	<u>C. Humpbacks.</u>				
	<i>Antarctic, others</i> (pelagic whaling) Males 266 } Females 617 } Total 883.	No. 1	38.07	41.05	40.48
		" 2	38.52	41.20	40.30
		" 3	38.23	40.48	39.84
" 4		37.53	40.44	39.49	
" 5		37.14	39.95	39.12	
" 6		37.39	39.89	38.88	
Average		37.69	40.47	39.64	
<u>D. Sei-whales.</u>					
<i>South Georgia</i> Males 5 } Females 14 } Total 19.	No. 1	49.00	52.17	51.11	
	" 2	47.00	51.63	50.70	
Average		48.20	51.86	50.89	
<i>Antarctic, others</i> (pelagic whaling) Males 2 } Females 1 } Total 3.	No. 1	49.00	56.00	52.50	
	" 2	50.00	-	50.00	
Average		49.50	56.00	51.67	

Table No. 3 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>E. Sperm-whales.</u>				
<i>South Georgia</i>	No. 1	50.66		
Males 117.	" 2	49.57		
Average		50.33		
<i>Antarctic, others</i> (pelagic whaling)	No. 1	56.50		
Males 2,462.	" 2	56.00		
	" 3	54.75		
	" 4	54.42		
	" 5	54.25		
	" 6	54.09		
	" 7	54.07		
	" 8	53.75		
	" 9	53.56		
	" 10	53.53		
	" 11	53.48		
	" 12	53.48		
	" 13	53.35		
	" 14	53.33		
	" 15	53.26		
	" 16	53.25		
	" 17	53.18		
	" 18	53.08		
	" 19	52.90		
	" 20	52.90		
	" 21	52.80		
	" 22	52.70		
	" 23	52.64		
	" 24	52.50		
	" 25	52.49		
	" 26	52.35		
	" 27	52.29		
	" 28	52.20		
	" 29	52.00		
	" 30	51.90		
	" 31	51.82		
	" 32	51.36		
	" 33	49.63		
	" 34	48.00		
Average		52.88		

Table No. 4.—Whales caught in the season 1938/39 in the Antarctic, 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.					
52	1	—	1	79	415	249	664				
53	—	—	—	80	668	411	1,079				
54	—	—	—	81	450	353	803				
55	3	3	6	82	367	371	738				
56	—	—	—	83	313	418	731				
57	2	1	3	84	215	392	607				
58	—	1	1	85	155	445	600				
59	4	—	4	86	71	350	421				
60	4	1	5	87	31	306	337				
61	7	3	10	88	21	248	269				
62	8	7	15	89	8	176	184				
63	17	7	24	90	—	177	177				
64	15	10	25	91	2	58	60				
65	72	80	152	92	—	53	53				
66	73	75	148	93	—	21	21				
67	73	49	122	94	—	14	14				
68	90	73	163	95	—	7	7				
69	28	30	58	96	—	5	5				
70	408	380	788	97	—	1	1				
71	403	294	697	Sum	7,057	7,014	1) 14,071				
72	377	273	650	Average size { Males: 76.63 feet Females: 79.52 " Total animals: 78.07 "							
73	375	283	658								
74	350	225	575								
75	487	320	807								
76	520	300	820								
77	436	248	684								
78	588	296	884								
								Per cent { Males: 50.15 Females: 49.85			

1) 10 blue-whales have not been measured.

Fin-whales.

42	1	—	1	69	909	525	1,434				
47	1	—	1	70	839	781	1,620				
48	2	—	2	71	479	650	1,129				
49	—	—	—	72	263	851	1,114				
50	3	4	7	73	104	773	877				
51	9	3	12	74	47	616	663				
52	9	4	13	75	21	674	695				
53	16	8	24	76	17	374	391				
54	12	8	20	77	3	219	222				
55	125	92	217	78	5	118	123				
56	184	123	307	79	1	50	51				
57	201	158	359	80	2	30	32				
58	211	183	394	81	—	8	8				
59	191	157	348	82	—	1	1				
60	428	301	729	83	—	1	1				
61	404	265	669	84	—	1	1				
62	480	270	750	Sum	11,034	9,750	20,784				
63	588	343	931	Average size { Males: 65.63 feet Females: 68.76 " Total animals: 67.10 "							
64	694	341	1,035								
65	1,095	423	1,518								
66	1,129	366	1,495								
67	1,290	504	1,794								
68	1,271	525	1,796								
								Per cent { Males: 53.09 Females: 46.91			

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals	
	males.	females.			males.	females.		
28	1	—	1	43	13	55	68	
29	1	1	2	44	3	23	26	
30	—	—	—	45	6	55	61	
31	3	3	6	46	1	30	31	
32	1	7	8	47	—	21	21	
33	9	6	15	48	1	11	12	
34	5	3	8	49	—	1	1	
35	63	69	132	50	—	5	5	
36	32	32	64	Sum	266	617	883	
37	24	52	76	Average size {				Males: 37.69 feet
38	38	38	76					Females: 40.47 "
39	7	25	32	Per cent {				Total animals: 39.64 "
40	30	69	99					Males: 30.12
41	17	51	68	Females: 69.88				
42	11	60	71					

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
44	1	—	1	54	—	4	4	
45	—	—	—	55	—	—	—	
46	—	—	—	56	—	1	1	
47	—	—	—	Sum	7	15	22	
48	1	1	2	Average size {				Males: 48.57 feet
49	2	1	3					Females: 52.13 "
50	3	1	4	Per cent {				Total animals: 51.00 "
51	—	3	3					Males: 31.82
52	—	2	2	Females: 68.18				
53	—	2	2					

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
42	3	52	293
43	6	53	365
44	19	54	367
45	24	55	366
46	40	56	213
47	59	57	127
48	104	58	47
49	82	59	16
50	226	60	12
51	210	Sum	1) 2,579

Average size:— Males: 52.76 feet

1) 6 sperm-whales have not been measured.

Table No. 4 (continued).

a. South Georgia.
Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
62	1	—	1	80	6	10	16
63	—	—	—	81	2	9	11
64	—	—	—	82	—	5	5
65	—	1	1	83	1	10	11
66	—	2	2	84	4	6	10
67	1	—	1	85	—	3	3
68	—	—	—	86	—	2	2
69	—	—	—	87	—	3	3
70	13	20	33	88	1	—	1
71	17	13	30	89	—	1	1
72	9	7	16	90	—	1	1
73	3	5	8	Sum	98	134	232
74	9	4	13	Average size			Males: 74.51 feet
75	9	6	15				Females: 76.76 „
76	7	7	14				Total animals: 75.81 „
77	6	7	13	Per cent			Males: 42.24
78	6	8	14				Females: 57.76
79	3	4	7				

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
52	—	1	1	69	33	55	88
53	—	—	—	70	16	53	69
54	—	—	—	71	11	35	46
55	25	18	43	72	5	52	57
56	15	14	29	73	2	35	37
57	21	12	33	74	1	26	27
58	19	24	43	75	—	14	14
59	17	19	36	76	—	12	12
60	34	32	66	77	—	7	7
61	25	30	55	78	—	7	7
62	32	30	62	Sum	612	695	1,307
63	53	26	79	Average size			Males: 63.91 feet
64	60	25	85				Females: 66.65 „
65	79	40	119				Total animals: 65.37 „
66	58	30	88	Per cent			Males: 46.82
67	60	55	115				Females: 53.18
68	46	43	89				

Sei-whales.

44	1	—	1	53	—	2	2
45	—	—	—	54	—	4	4
46	—	—	—	Sum	5	14	19
47	—	—	—	Average size			Males: 48.20 feet
48	1	1	2				Females: 51.86 „
49	1	1	2				Total animals: 50.89 „
50	2	1	3	Per cent			Males: 26.32
51	—	3	3				Females: 73.68
52	—	2	2				

Table No. 4 (continued).

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
44	2	52	15
45	3	53	8
46	3	54	11
47	12	55	4
48	12	56	2
49	7		
50	23	Sum	117
51	15		

Average size:— Males: 50.33 feet.

b. Antarctic, pelagic whaling.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
52	1	—	1	80	662	401	1,063
55	3	3	6	81	448	344	792
56	—	—	—	82	367	366	733
57	2	1	3	83	312	408	720
58	—	1	1	84	211	386	597
59	4	—	4	85	155	442	597
60	4	1	5	86	71	348	419
61	7	3	10	87	31	303	334
62	7	7	14	88	20	248	268
63	17	7	24	89	8	175	183
64	15	10	25	90	—	176	176
65	72	79	151	91	2	58	60
66	73	73	146	92	—	53	53
67	72	49	121	93	—	21	21
68	90	73	163	94	—	14	14
69	28	30	58	95	—	7	7
70	395	360	755	96	—	5	5
71	386	281	667	97	—	1	1
72	368	266	634				
73	372	278	650	Sum	6,959	6,880	1 ¹) 13,839
74	341	221	562				
75	478	314	792				
76	513	293	806	Average size	{ Males: 76.66 feet Females: 79.57 " Total animals: 78.11 "		
77	430	241	671				
78	582	288	870	Per cent	{ Males: 50.28 Females: 49.72		
79	412	245	657				

1) 10 blue-whales have not been measured.

Table No. 4 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
42	1	—	1	69	876	470	1,346
47	1	—	1	70	823	728	1,551
48	2	—	2	71	468	615	1,083
49	—	—	—	72	258	799	1,057
50	3	4	7	73	102	738	840
51	9	3	12	74	46	590	636
52	9	3	12	75	21	660	681
53	16	8	24	76	17	362	379
54	12	8	20	77	3	212	215
55	100	74	174	78	5	111	116
56	169	109	278	79	1	50	51
57	180	146	326	80	2	30	32
58	192	159	351	81	—	8	8
59	174	138	312	82	—	1	1
60	394	269	663	83	—	1	1
61	379	235	614	84	—	1	1
62	448	240	688	Sum	10,422	9,055	19,477
63	535	317	852	Average size	{	Males:	65.73 feet
64	634	316	950			Females:	68.92 "
65	1,016	383	1,399			Total animals:	67.21 "
66	1,071	336	1,407	Per cent	{	Males:	53.51
67	1,230	449	1,679			Females:	46.49
68	1,225	482	1,707				

Humpbacks.

28	1	—	1	43	13	55	68
29	1	1	2	44	3	23	26
30	—	—	—	45	6	55	61
31	3	3	6	46	1	30	31
32	1	7	8	47	—	21	21
33	9	6	15	48	1	11	12
34	5	3	8	49	—	1	1
35	63	69	132	50	—	5	5
36	32	32	64	Sum	266	617	883
37	24	52	76	Average size	{	Males:	37.69 feet
38	38	38	76			Females:	40.47 "
39	7	25	32			Total animals:	39.64 "
40	30	69	99	Per cent	{	Males:	30.12
41	17	51	68			Females:	69.88
42	11	60	71				

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.	Engl. feet.	Number of males.
42	3	49	75	56	211
43	6	50	203	57	127
44	17	51	195	58	47
45	21	52	278	59	16
46	37	53	357	60	12
47	47	54	356		
48	92	55	362	Sum	1) 2,462

Average size:— Males: 52.88 feet.

1) 6 sperm-whales have not been measured.

Table No. 5.—Whales caught in the season 1938/39 in the Antarctic, by species, sex and groups of size.

Total Antarctic.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less)	1,525	10.84
„ 2. (71 feet to 85 feet)	10,997	78.15
„ 3. (above 85 feet)	1,549	11.01
	14,071	100.00
Immature males	1,960	27.77
„ females	2,415	34.43
„ animals	4,375	31.09
Mature males	5,097	72.23
„ females	4,599	65.57
„ animals	9,696	68.91

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	297	1.43
„ 2. (56 feet to 65 feet)	7,040	33.87
„ 3. (above 65 feet)	13,447	64.70
	20,784	100.00
Immature males	2,277	20.64
„ females	2,260	23.18
„ animals	4,537	21.83
Mature males	8,757	79.36
„ females	7,490	76.82
„ animals	16,247	78.17

a. South Georgia.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less)	38	16.38
» 2. (71 feet to 85 feet)	186	80.17
» 3. (above 85 feet)	8	3.45
	232	100.00
Immature males	44	44.90
„ females	65	48.51
„ animals	109	46.98
Mature males	54	55.10
„ females	69	51.49
„ animals	123	53.02

Table No. 5 (continued).

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	44	3.37
» 2. (56 feet to 65 feet)	607	46.44
» 3. (above 65 feet)	656	50.19
	1,307	100.00
Immature males	188	30.72
„ females	231	33.24
„ animals	419	32.06
Mature males	424	69.28
„ females	464	66.76
„ animals	888	67.94

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

	Number of whales.	Per cent.
Group 1. (70 feet and less)	1,487	10.74
„ 2. (71 feet to 85 feet)	10,811	78.12
„ 3. (above 85 feet)	1,541	11.14
	13,839	100.00
Immature males	1,916	27.53
„ females	2,350	34.16
„ animals	4,266	30.83
Mature males	5,043	72.47
„ females	4,530	65.84
„ animals	9,573	69.17

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	253	1.30
„ 2. (56 feet to 65 feet)	6,433	33.03
„ 3. (above 65 feet)	12,791	65.67
	19,477	100.00
Immature males	2,089	20.04
„ females	2,029	22.41
„ animals	4,118	21.14
Mature males	8,333	79.96
„ females	7,026	77.59
„ animals	15,359	78.86

Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1938/39.

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

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Per blue-whale equivalent.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>South Georgia</i>	No. 1	350.2	42,635	121.7
	„ 2	538.5	61,884	114.9
	Average	—	—	117.6
<i>Antarctic, others</i> (pelagic whaling)	No. 1	681.5	89,449	131.3
	„ 2	718.0	91,041	126.8
	„ 3	647.5	81,494	125.9
	„ 4	487.5	60,892	124.9
	„ 5	812.5	100,362	123.5
	„ 6	528.0	64,764	122.7
	„ 7	570.5	69,074	121.1
	„ 8	692.0	82,361	119.0
	„ 9	804.5	93,795	116.6
	„ 10	454.0	52,396	115.4
	„ 11	861.0	99,234	115.3
	„ 12	828.0	92,732	112.0
	„ 13	649.5	72,556	111.7
	„ 14	484.0	53,847	111.3
	„ 15	632.5	69,087	109.2
	„ 16	290.5	31,478	108.4
	„ 17	608.0	65,775	108.2
	„ 18	804.0	85,620	106.5
	„ 19	635.0	67,272	105.9
	„ 20	680.5	71,363	104.9
	„ 21	742.0	75,528	101.8
	„ 22	1,082.2	108,982	100.7
	„ 23	338.0	34,048	100.7
	„ 24	657.0	66,026	100.5
	„ 25	817.4	81,360	99.5
	„ 26	747.0	72,963	97.7
	„ 27	578.0	56,364	97.5
	„ 28	828.5	80,454	97.1
	„ 29	1,014.0	98,073	96.7
	„ 30	1,028.3	98,970	96.2
	„ 31	776.9	72,792	93.7
	„ 32	916.8	84,742	92.4
	„ 33	404.8	36,852	91.0
	„ 34	1,141.5	102,760	90.0
Average	—	—	—	107.1

¹⁾ Barrel = $\frac{1}{8}$ ton. (1 ton = 1,016 kg.).

Table No. 7.—Whale fetuses.

I. Blue-whale fetuses
measured in the Southern Seas in the season 1938/39.

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.	
2/11 38	87	2' 6"	M	15/11 38	78	3' 0"	F	23/11 38	85	5' 0"	M
3/11 "	86	2' 1"	F	" "	83	5' 5"	M	" "	82	1' 6"	M
5/11 "	81	2' 1"	F	" "	83	5' 5"	F	" "	85	4' 0"	M
" "	85	4' 1"	F	" "	87	6' 0"	M	" "	86	1' 5"	M
" "	85	6' 0"	M	" "	80	4' 0"	F	" "	83	5' 0"	M
7/11 "	83	5' 3"	M	" "	80	2' 0"	M	" "	77	5' 0"	M
8/11 "	83	3' 8"	F	16/11 "	86	6' 5"	M	" "	81	3' 0"	M
9/11 "	86	4' 1"	M	" "	79	2' 2"	F	" "	83	8' 8"	F
" "	86	3' 3"	F	" "	79	3' 1"	F	" "	85	3' 0"	F
" "	81	3' 1"	F	" "	76	3' 0"	M	24/11 "	79	2' 0"	M
" "	85	6' 0"	F	" "	78	2' 0"	M	" "	86	2' 8"	F
" "	80	4' 0"	F	" "	88	6' 0"	F	" "	87	6' 3"	F
" "	82	6' 0"	F	" "	78	3' 0"	M	" "	78	1' 0"	M
" "	86	5' 0"	F	17/11 "	82	6' 0"	F	" "	87	2' 4"	M
10/11 "	78	3' 5"	F	" "	83	2' 5"	M	" "	87	4' 0"	M
" "	85	4' 5"	F	" "	84	3' 0"	M	" "	85	3' 0"	M
" "	85	7' 0"	M	" "	83	7' 0"	F	" "	85	6' 0"	M
" "	82	5' 0"	M	" "	83	7' 0"	M	" "	83	4' 2"	F
" "	87	3' 0"	F	" "	91	6' 0"	M	" "	86	7' 1"	F
11/11 "	90	5' 3"	F	" "	78	2' 0"	M	" "	85	2' 2"	M
" "	87	6' 0"	F	" "	81	2' 0"	M	" "	88	1' 4"	M
" "	90	4' 0"	F	" "	85	4' 7"	F	25/11 "	80	5' 0"	M
" "	90	8' 0"	M	18/11 "	88	5' 8"	F	" "	82	7' 0"	F
" "	77	3' 0"	M	" "	85	4' 9"	M	" "	77	4' 6"	M
" "	86	0' 6"	F	" "	81	6' 5"	F	26/11 "	83	5' 0"	M
" "	87	4' 0"	F	" "	80	3' 0"	M	" "	80	6' 0"	F
" "	85	5' 0"	M	" "	82	3' 0"	M	27/11 "	85	8' 0"	M
12/11 "	86	3' 2"	M	" "	80	5' 6"	M	28/11 "	81	4' 5"	M
" "	87	5' 7"	M	" "	90	4' 0"	F	" "	85	5' 0"	F
" "	80	2' 0"	M	19/11 "	84	6' 3"	M	" "	85	8' 0"	M
" "	86	5' 0"	M	" "	80	2' 1"	F	" "	85	7' 0"	M
" "	88	3' 6"	M	" "	80	3' 0"	F	29/11 "	90	6' 4"	M
" "	75	3' 0"	M	" "	86	0' 6"	M	" "	74	5' 4"	F
" "	86	2' 6"	F	" "	85	7' 0"	M	" "	80	5' 11"	F
13/11 "	86	6' 5"	M	" "	87	5' 0"	F	" "	73	3' 6"	M
" "	77	2' 7"	M	" "	85	4' 7"	F	30/11 "	86	4' 0"	F
" "	78	4' 0"	F	" "	83	6' 7"	F	" "	85	3' 5"	M
" "	81	2' 0"	F	20/11 "	80	5' 0"	F	" "	86	9' 0"	M
" "	85	7' 0"	M	" "	87	6' 0"	M	" "	81	4' 8"	F
" "	83	0' 2"	M	" "	88	5' 0"	M	" "	83	7' 3"	F
14/11 "	86	6' 1"	M	21/11 "	84	3' 8"	F	1/12 "	87	7' 0"	F
" "	86	8' 0"	M	" "	83	4' 9"	M	2/12 "	89	7' 2"	M
" "	78	4' 5"	F	" "	86	4' 9"	F	" "	83	7' 2"	M
" "	83	4' 0"	M	" "	80	6' 8"	M	" "	80	5' 0"	M
" "	83	3' 0"	M	" "	76	3' 6"	F	" "	83	9' 1"	F
" "	81	2' 6"	M	" "	80	4' 8"	M	3/12 "	88	3' 8"	F
" "	86	4' 0"	F	" "	82	7' 0"	M	" "	79	4' 3"	F
" "	90	6' 0"	M	" "	83	8' 0"	M	" "	83	6' 5"	M
" "	85	2' 6"	M	" "	80	5' 0"	F	" "	82	9' 0"	M
15/11 "	88	2' 1"	M	" "	86	7' 0"	M	" "	86	7' 0"	F
" "	83	7' 5"	M	22/11 "	82	4' 3"	M	" "	85	2' 6"	F
" "	86	2' 6"	F	" "	80	4' 0"	M	4/12 "	80	4' 0"	F
" "	87	5' 5"	F	" "	85	3' 0"	M	5/12 "	76	5' 6"	M

Table No. 7.—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.	
5/12 38	81	4' 0"	M	8/12 38	83	5' 3"	M	10/12 38	86	3' 0"	M
" "	85	8' 0"	F	" "	90	5' 10"	M	" "	81	3' 0"	F
" "	77	5' 4"	M	" "	84	6' 11"	F	" "	79	3' 0"	M
" "	81	8' 0"	M	" "	75	2' 7"	M	" "	82	6' 0"	F
" "	81	1' 11"	M	" "	88	9' 0"	F	" "	85	5' 0"	M
" "	80	5' 2"	M	" "	79	8' 4"	M	" "	86	2' 0"	F
6/12 "	82	8' 5"	M	" "	80	7' 0"	M	" "	81	6' 0"	M
" "	86	9' 3"	F	" "	89	5' 0"	M	" "	82	7' 0"	M
" "	82	1' 5"	M	" "	83	4' 0"	M	" "	82	7' 0"	F
" "	85	6' 0"	M	" "	83	3' 0"	F	" "	82	9' 0"	M
" "	88	2' 0"	F	9/12 "	88	2' 0"	F	" "	80	6' 0"	F
" "	74	7' 3"	F	" "	81	7' 0"	F	" "	83	4' 0"	M
7/12 "	80	4' 5"	F	" "	88	6' 0"	F	" "	83	5' 0"	F
" "	87	4' 0"	F	" "	83	5' 0"	M	" "	83	6' 0"	F
" "	87	2' 0"	M	" "	81	7' 0"	F	" "	85	6' 0"	F
" "	82	7' 3"	F	" "	78	8' 0"	M	" "	89	6' 0"	F
" "	85	1' 5"	M	" "	83	3' 0"	F	" "	88	6' 0"	M
" "	81	5' 6"	F	" "	84	7' 0"	F	" "	83	5' 0"	F
8/12 "	80	5' 0"	M	" "	82	5' 0"	M	" "	74	5' 0"	F
" "	89	5' 0"	F	" "	80	8' 0"	M	" "	84	6' 0"	F
" "	90	10' 0"	F	" "	75	5' 0"	F	" "	84	4' 5"	F
" "	79	5' 0"	F	" "	86	6' 0"	M	" "	87	2' 5"	F
" "	76	5' 0"	F	" "	84	3' 6"	M	" "	88	6' 7"	M
" "	88	6' 0"	M	" "	84	6' 0"	F	" "	84	5' 0"	M
" "	87	6' 0"	M	" "	89	9' 0"	M	" "	74	2' 6"	F
" "	90	8' 0"	M	" "	85	3' 0"	M	" "	78	3' 0"	M
" "	89	5' 0"	F	" "	84	4' 0"	M	" "	85	8' 0"	F
" "	90	3' 0"	M	" "	83	5' 0"	M	11/12 "	86	5' 0"	F
" "	78	6' 0"	M	" "	84	3' 0"	M	" "	87	3' 0"	F
" "	89	4' 0"	M	" "	90	5' 0"	M	" "	83	7' 0"	F
" "	90	4' 0"	M	" "	83	5' 0"	M	" "	86	4' 0"	F
" "	87	0' 9"	M	" "	86	6' 4"	F	" "	91	2' 0"	F
" "	87	10' 5"	F	" "	86	4' 0"	M	" "	75	5' 0"	M
" "	85	9' 5"	M	" "	87	4' 0"	M	" "	88	5' 0"	F
" "	87	2' 0"	F	" "	89	4' 0"	F	" "	83	8' 0"	F
" "	77	4' 0"	F	" "	80	4' 6"	M	" "	84	5' 0"	M
" "	85	6' 0"	F	" "	80	8' 7"	M	" "	77	5' 0"	F
" "	80	6' 0"	F	" "	82	3' 3"	M	" "	81	6' 0"	M
" "	81	6' 0"	M	" "	79	4' 0"	M	" "	79	8' 0"	M
" "	85	8' 0"	F	" "	79	3' 0"	F	" "	79	5' 0"	F
" "	79	6' 0"	M	10/12 "	84	3' 1"	F	" "	84	5' 0"	M
" "	84	4' 0"	M	" "	78	3' 0"	M	" "	86	7' 0"	F
" "	90	7' 0"	M	" "	85	8' 0"	M	" "	87	9' 0"	M
" "	80	2' 6"	F	" "	84	8' 0"	F	" "	73	4' 0"	F
" "	87	4' 0"	F	" "	88	4' 0"	M	" "	89	15' 0"	F
" "	85	2' 0"	M	" "	81	7' 0"	M	" "	91	8' 0"	M
" "	84	7' 0"	M	" "	80	5' 0"	M	" "	84	8' 0"	F
" "	80	6' 0"	M	" "	85	7' 0"	F	" "	88	8' 0"	F
" "	89	2' 11"	M	" "	76	2' 0"	F	" "	86	3' 0"	F
" "	83	5' 0"	M	" "	79	8' 0"	M	" "	77	7' 0"	F
" "	86	6' 5"	F	" "	84	12' 0"	M	" "	86	5' 0"	F
" "	81	6' 5"	M	" "	75	6' 0"	M	" "	81	9' 0"	M
" "	80	7' 6"	M	" "	90	12' 0"	F	" "	84	8' 0"	M
" "	90	4' 0"	M	" "	88	10' 0"	M	" "	86	15' 0"	F
" "	83	3' 5"	F	" "	86	8' 0"	M	" "	87	7' 0"	F
" "	87	5' 5"	M	" "	81	7' 0"	M	" "	94	7' 0"	M
" "	93	5' 7"	M	" "	89	11' 0"	F	" "	89	6' 0"	F
" "	86	3' 3"	M	" "	93	3' 8"	F	" "	87	8' 0"	M

Table No. 7.—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.	
11/12 38	84	5' 0"	M	13/12 38	89	7' 0"	M	14/12 38	86	6' 11"	F
" "	86	6' 0"	F	" "	87	8' 0"	F	" "	82	2' 10"	F
" "	84	8' 0"	F	" "	82	4' 0"	M	" "	81	5' 0"	M
" "	84	7' 1"	F	" "	84	6' 0"	M	" "	91	5' 0"	M
" "	87	8' 9"	M	" "	85	7' 0"	F	15/12 "	85	6' 3"	F
" "	83	12' 0"	M	" "	73	8' 0"	M	" "	84	4' 0"	M
" "	87	3' 0"	F	" "	80	8' 0"	F	" "	88	6' 0"	M
" "	90	6' 0"	M	" "	84	2' 0"	F	" "	84	4' 0"	M
" "	90	7' 0"	M	" "	84	8' 0"	M	" "	85	9' 0"	F
" "	89	7' 0"	F	" "	89	12' 0"	F	" "	86	5' 0"	F
" "	88	10' 0"	M	" "	90	3' 6"	M	" "	90	8' 0"	F
" "	88	4' 6"	M	" "	91	5' 0"	M	" "	86	11' 0"	F
" "	84	0' 8"	M	" "	87	5' 0"	F	" "	87	13' 0"	F
" "	81	5' 3"	F	" "	84	6' 6"	F	" "	75	6' 0"	F
" "	74	4' 2"	F	" "	88	5' 0"	M	" "	84	8' 0"	M
" "	81	6' 11"	F	" "	89	9' 0"	F	" "	86	9' 0"	F
" "	81	4' 11"	M	" "	87	3' 0"	M	" "	85	4' 0"	F
" "	84	6' 6"	M	" "	84	9' 6"	F	" "	82	6' 0"	F
" "	85	8' 0"	F	" "	86	7' 0"	M	" "	88	11' 0"	M
" "	83	4' 6"	F	" "	89	4' 6"	M	" "	85	5' 0"	M
" "	82	9' 0"	M	" "	87	6' 5"	F	" "	85	12' 0"	F
" "	73	2' 6"	M	" "	83	6' 0"	F	" "	88	6' 0"	M
" "	88	7' 6"	M	" "	88	5' 0"	F	" "	87	3' 0"	M
12/12 "	89	4' 0"	F	" "	85	8' 0"	M	" "	91	12' 0"	M
" "	76	3' 0"	F	" "	86	5' 0"	F	" "	84	6' 0"	M
" "	90	7' 0"	F	" "	80	4' 1"	M	" "	82	6' 0"	M
" "	87	7' 0"	F	" "	83	9' 2"	M	" "	86	10' 0"	M
" "	76	7' 0"	M	" "	86	5' 5"	M	" "	82	10' 0"	F
" "	79	2' 0"	M	" "	88	8' 2"	F	" "	86	5' 0"	F
" "	79	5' 0"	M	" "	81	8' 11"	F	" "	84	3' 0"	F
" "	82	2' 0"	F	" "				" "	85	7' 0"	M
" "	88	8' 0"	M	14/12 "	77	5' 0"	M	" "	87	14' 0"	F
" "	85	5' 0"	F	" "	86	5' 0"	M	" "	82	3' 0"	M
" "	89	5' 0"	M	" "	80	6' 0"	M	" "	85	6' 0"	F
" "	84	8' 0"	M	" "	84	8' 0"	F	" "	82	4' 6"	F
" "	77	3' 0"	F	" "	86	11' 0"	M	" "	85	6' 0"	M
" "	90	4' 0"	M	" "	74	4' 6"	M	" "	87	8' 0"	M
" "	82	3' 0"	M	" "	80	4' 0"	F	" "	80	3' 0"	F
" "	83	1' 6"	M	" "	83	8' 0"	F	" "	86	10' 0"	M
" "	82	4' 0"	F	" "	78	4' 0"	M	" "	83	5' 0"	M
" "	74	5' 0"	M	" "	89	8' 0"	F	" "	84	7' 0"	F
" "	75	5' 0"	F	" "	83	8' 0"	F	" "	83	9' 6"	F
" "	85	6' 0"	M	" "	82	12' 0"	F	" "	88	8' 0"	M
" "	86	3' 6"	F	" "	86	9' 0"	F	" "	85	4' 0"	M
" "	83	7' 0"	M	" "	87	3' 0"	F	" "	82	3' 5"	M
" "	83	4' 6"	F	" "	77	4' 0"	M	" "	83	8' 0"	M
" "	74	7' 6"	F	" "	82	9' 0"	F	" "	90	6' 0"	M
" "	85	10' 0"	F	" "	88	4' 0"	F	" "	83	4' 0"	F
" "	79	7' 2"	F	" "	84	5' 6"	F	" "	82	3' 0"	F
" "	85	5' 2"	M	" "	90	8' 0"	M	" "	91	6' 0"	F
" "	85	3' 3"	M	" "	87	5' 0"	F	" "	80	5' 11"	F
" "	88	8' 0"	M	" "	87	7' 5"	M	" "	87	9' 3"	M
" "	84	6' 4"	M	" "	87	7' 0"	F	" "	84	6' 0"	M
" "	90	0' 6"	M	" "	83	4' 0"	M	" "	85	9' 0"	F
" "	81	4' 1"	F	" "	90	7' 0"	F	" "	85	9' 0"	F
" "	81	4' 0"	M	" "	85	9' 0"	M	" "	88	6' 0"	F
13/12 "	84	6' 0"	F	" "	80	9' 0"	M	16/12 "	87	10' 6"	M
" "	84	8' 0"	F	" "	91	13' 0"	M	" "	90	8' 0"	F
" "				" "	87	6' 9"	F	" "	84	10' 0"	F

Table No. 7.—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.	
16/12 38	81	5' 0"	F	17/12 38	86	0' 5"	M	20/12 38	80	10' 0"	M
" "	81	2' 0"	M	" "	85	14' 9"	F	" "	85	5' 0"	F
" "	83	2' 0"	M	" "	84	7' 6"	M	" "	87	5' 0"	F
" "	84	3' 0"	F	" "	86	2' 10"	M	" "	89	1' 6"	F
" "	77	4' 0"	F	" "	85	4' 2"	F	" "	81	4' 0"	M
" "	83	8' 0"	M	" "	85	13' 6"	M	" "	76	6' 0"	F
" "	76	6' 0"	F	18/12 "	80	4' 3"	F	" "	83	3' 0"	F
" "	90	6' 0"	F	" "	79	3' 0"	F	" "	90	3' 0"	M
" "	80	8' 0"	M	" "	87	10' 0"	M	" "	81	3' 0"	M
" "	84	4' 0"	M	" "	77	6' 0"	M	" "	87	10' 0"	M
" "	83	6' 0"	M	" "	78	5' 0"	M	" "	86	8' 0"	F
" "	86	5' 0"	M	" "	78	16' 0"	M	" "	81	7' 0"	M
" "	79	6' 0"	F	" "	86	3' 0"	M	" "	83	1' 0"	M
" "	82	10' 0"	F	" "	85	3' 0"	M	" "	81	8' 0"	M
" "	84	7' 6"	M	" "	87	6' 0"	F	" "	88	8' 0"	M
" "	87	7' 0"	M	" "	90	11' 0"	M	" "	87	10' 0"	F
" "	86	6' 5"	F	" "	88	8' 0"	F	" "	80	7' 3"	F
" "	82	9' 6"	M	" "	79	7' 0"	F	" "	82	7' 0"	M
" "	84	6' 0"	F	" "	83	5' 0"	F	" "	75	3' 1"	M
" "	74	4' 6"	M	" "	80	9' 0"	M	" "	88	5' 4"	F
" "	83	3' 5"	F	" "	76	4' 0"	F	" "	82	9' 10"	M
" "	92	8' 0"	F	" "	77	5' 0"	F	" "	86	13' 1"	M
" "	85	5' 4"	M	" "	82	7' 0"	M	" "	91	8' 7"	M
" "	82	5' 7"	M	" "	82	3' 0"	M	" "	84	10' 2"	F
" "	87	5' 7"	M	" "	84	4' 0"	F	21/12 "	83	8' 0"	M
" "	88	6' 7"	M	" "	93	4' 6"	F	" "	83	5' 6"	F
" "	83	13' 1"	M	" "	87	2' 0"	M	" "	85	6' 0"	F
" "	81	3' 9"	M	" "	84	6' 6"	M	" "	77	4' 5"	M
" "	80	4' 6"	M	" "	83	8' 0"	M	" "	84	6' 0"	M
" "	92	7' 0"	M	" "	83	5' 6"	F	" "	86	8' 0"	F
" "	85	8' 0"	M	" "	81	8' 0"	F	" "	89	6' 6"	F
" "	88	8' 0"	F	" "	87	8' 0"	F	" "	90	4' 0"	F
17/12 "	81	4' 0"	F	" "	75	4' 0"	M	" "	84	3' 0"	F
" "	89	9' 0"	F	" "	81	3' 11"	M	" "	82	6' 0"	F
" "	84	6' 0"	M	" "	88	2' 4"	F	" "	74	5' 0"	M
" "	75	5' 0"	F	19/12 "	80	5' 6"	F	" "	79	4' 0"	F
" "	83	5' 0"	F	" "	83	5' 0"	F	" "	81	6' 0"	M
" "	84	3' 0"	M	" "	83	5' 0"	F	" "	83	5' 0"	F
" "	86	9' 0"	M	" "	88	5' 0"	M	" "	90	7' 0"	F
" "	78	4' 6"	F	" "	90	5' 0"	M	" "	80	2' 0"	F
" "	79	6' 0"	M	" "	90	6' 0"	F	" "	88	9' 0"	M
" "	84	10' 0"	F	" "	80	7' 0"	M	" "	89	7' 0"	F
" "	84	2' 0"	M	" "	84	5' 0"	F	" "	89	12' 0"	M
" "	80	5' 0"	F	" "	85	3' 0"	F	" "	90	8' 0"	M
" "	82	3' 0"	F	" "	84	4' 0"	F	" "	84	7' 0"	M
" "	82	4' 0"	F	" "	84	5' 0"	M	" "	88	7' 0"	M
" "	84	5' 0"	M	" "	84	2' 6"	M	" "	85	9' 0"	M
" "	82	6' 0"	M	" "	84	7' 0"	F	" "	81	10' 6"	F
" "	81	7' 0"	F	" "	84	10' 0"	M	" "	80	7' 0"	F
" "	88	1' 6"	M	" "	79	3' 0"	F	" "	88	14' 0"	M
" "	85	7' 0"	M	" "	78	6' 6"	F	" "	81	5' 0"	M
" "	90	10' 0"	F	" "	87	6' 0"	F	" "	83	7' 0"	F
" "	87	9' 0"	F	" "	88	6' 3"	M	" "	86	12' 0"	F
" "	81	7' 0"	M	" "	87	8' 0"	M	" "	88	7' 0"	F
" "	80	7' 6"	M	" "	86	6' 7"	M	" "	88	10' 0"	F
" "	81	6' 6"	F	" "	84	6' 7"	M	" "	80	6' 0"	F
" "	86	10' 0"	F	" "	81	6' 7"	F	" "	81	12' 0"	F
" "	83	3' 0"	M	" "	82	5' 7"	M	" "	87	8' 0"	M

Table No. 7.—Blue-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
21/12 38	82	7' 0"	M	23/12 38	86	10' 0"	F	24/12 38	90	5' 0"	M
" "	78	5' 0"	F	" "	84	4' 0"	F	" "	91	10' 0"	M
" "	77	3' 0"	M	" "	78	6' 0"	M	" "	83	8' 0"	M
" "	76	4' 0"	F	" "	78	6' 0"	M	" "	84	6' 6"	F
" "	82	12' 7"	M	" "	84	10' 6"	M	" "	92	6' 5"	F
" "	89	3' 5"	M	" "	87	6' 0"	F	" "	85	1' 0"	M
" "	82	7' 3"	F	" "	83	5' 0"	F	25/12	86	10' 4"	F
" "	87	7' 3"	M	" "	82	10' 0"	F	" "	75	6' 0"	F
" "	84	3' 5"	F	" "	88	2' 0"	M	" "	85	10' 0"	M
" "	78	4' 0"	F	" "	79	10' 0"	M	" "	81	8' 0"	M
" "	90	3' 0"	M	" "	84	12' 0"	M	" "	77	6' 0"	M
22/12	90	4' 3"	M	" "	86	10' 0"	F	" "	83	7' 0"	M
" "	89	6' 0"	M	" "	89	10' 0"	F	" "	83	7' 0"	F
" "	82	7' 0"	M	" "	90	9' 6"	F	" "	81	9' 0"	F
" "	87	8' 0"	M	" "	81	6' 5"	F	" "	81	9' 0"	M
" "	81	9' 3"	F	" "	78	6' 2"	M	" "	83	7' 0"	F
" "	89	6' 0"	M	" "	80	9' 0"	M	" "	84	12' 0"	M
" "	83	10' 0"	F	" "	83	6' 5"	F	" "	86	14' 0"	F
" "	88	11' 0"	F	" "	76	8' 0"	M	" "	85	8' 0"	M
" "	86	6' 0"	M	" "	85	5' 5"	M	" "	79	4' 0"	F
" "	90	10' 0"	F	" "	75	4' 11"	F	" "	83	5' 0"	F
" "	86	4' 6"	M	" "	92	2' 6"	M	" "	89	5' 0"	M
" "	87	9' 0"	F	" "	80	3' 5"	M	" "	92	4' 0"	F
" "	83	6' 0"	F	" "	88	7' 3"	M	" "	86	9' 6"	M
" "	80	6' 0"	M	" "	81	4' 2"	M	" "	95	5' 0"	M
" "	90	16' 0"	M	" "	84	5' 8"	M	" "	87	11' 6"	M
" "	86	12' 0"	M	" "	76	4' 11"	F	" "	86	10' 2"	F
" "	85	13' 0"	F	" "	84	6' 3"	M	" "	88	10' 6"	M
" "	72	5' 0"	M	" "	90	11' 7"	F	" "	76	6' 3"	F
" "	83	7' 0"	F	24/12	83	9' 0"	F	" "	90	6' 0"	M
" "	84	9' 0"	M	" "	85	6' 0"	F	26/12	78	5' 6"	F
" "	81	8' 0"	F	" "	85	4' 0"	F	" "	87	6' 0"	M
" "	84	3' 0"	F	" "	88	9' 0"	M	" "	84	6' 0"	M
" "	92	5' 0"	M	" "	82	10' 0"	F	" "	82	5' 0"	M
" "	89	9' 0"	M	" "	84	11' 0"	M	" "	87	5' 0"	F
" "	75	6' 7"	M	" "	84	7' 0"	M	" "	89	10' 0"	M
" "	84	7' 5"	F	" "	73	7' 0"	F	" "	83	5' 0"	M
" "	77	8' 5"	M	" "	80	4' 0"	F	" "	82	10' 0"	F
" "	75	4' 0"	M	" "	86	9' 0"	F	" "	88	11' 0"	M
" "	81	7' 0"	M	" "	77	14' 0"	M	" "	80	4' 0"	M
" "	86	4' 4"	M	" "	91	2' 0"	F	" "	81	4' 0"	M
" "	83	4' 2"	M	" "	80	10' 0"	M	" "	86	8' 0"	M
" "	84	4' 5"	M	" "	79	2' 0"	F	" "	83	6' 0"	M
" "	81	5' 7"	M	" "	90	10' 0"	F	" "	81	6' 0"	M
" "	91	13' 1"	F	" "	84	8' 0"	M	" "	81	8' 0"	F
" "	77	3' 0"	M	" "	87	8' 0"	F	" "	85	10' 0"	M
" "	80	5' 0"	F	" "	83	8' 0"	M	" "	75	5' 0"	F
" "	88	6' 0"	F	" "	88	10' 0"	M	" "	85	2' 8"	M
23/12	84	3' 6"	M	" "	80	8' 0"	F	" "	84	8' 6"	M
" "	77	7' 0"	M	" "	78	7' 0"	M	" "	82	2' 0"	F
" "	86	11' 0"	M	" "	78	5' 0"	F	" "	87	6' 5"	M
" "	75	5' 0"	M	" "	75	5' 0"	M	" "	86	12' 0"	M
" "	82	6' 0"	F	" "	80	6' 0"	F	" "	85	9' 0"	M
" "	82	8' 0"	F	" "	86	0' 8"	M	" "	82	13' 0"	F
" "	80	6' 0"	M	" "	83	9' 6"	F	" "	87	10' 8"	M
" "	82	3' 0"	M	" "	84	8' 3"	M	" "	77	5' 0"	F
" "	78	5' 0"	F	" "	86	11' 5"	M	" "	92	5' 0"	M
" "	83	6' 0"	F	" "	90	6' 0"	F	" "	80	7' 0"	F

Table No. 7.—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.	
26/12 38	74	7' 0"	M	28/12 38	84	10' 0"	F	30/12 38	85	10' 0"	M
" "	74	6' 9"	F	" "	83	12' 0"	F	" "	88	14' 0"	M
" "	87	4' 11"	M	" "	83	10' 0"	F	" "	78	7' 0"	F
" "	91	4' 1"	M	" "	81	6' 0"	F	" "	82	12' 0"	M
" "	86	11' 6"	M	" "	82	20' 0"	M	" "	80	7' 0"	F
" "	84	9' 10"	F	" "	85	7' 0"	M	" "	82	6' 0"	M
" "	79	7' 1"	M	" "	85	12' 0"	F	" "	86	6' 0"	F
" "	91	2' 6"	M	" "	92	6' 9"	F	" "	83	6' 0"	F
" "	77	6' 0"	M	" "	82	6' 11"	F	" "	83	7' 0"	M
" "	81	1' 0"	M	" "	81	10' 6"	M	" "	83	6' 0"	F
" "	86	14' 0"	F	" "	81	11' 10"	M	" "	81	8' 0"	M
" "	79	7' 0"	M	" "	83	5' 11"	M	" "	78	10' 0"	M
" "	86	9' 0"	M	" "	85	13' 1"	F	" "	88	6' 0"	M
" "	87	1' 0"	F	" "	79	7' 5"	F	" "	89	14' 0"	M
27/12	78	4' 0"	F	" "	86	5' 0"	M	" "	85	4' 0"	M
" "	86	11' 0"	M	" "	89	7' 0"	M	" "	80	5' 0"	M
" "	86	5' 0"	F	" "	86	5' 6"	F	" "	86	5' 0"	M
" "	83	6' 0"	F	" "	84	9' 0"	M	" "	82	15' 0"	M
" "	82	3' 0"	F	" "	90	8' 0"	M	" "	83	5' 0"	M
" "	82	4' 0"	F	" "	88	5' 0"	F	" "	84	7' 6"	F
" "	82	6' 0"	M	29/12	94	5' 8"	M	" "	77	6' 7"	M
" "	82	11' 0"	F	" "	85	9' 0"	M	" "	81	9' 0"	M
" "	87	10' 0"	M	" "	75	7' 9"	M	" "	82	10' 0"	M
" "	83	9' 0"	M	" "	85	16' 0"	M	31/12	82	8' 4"	M
" "	81	9' 0"	M	" "	86	13' 0"	F	" "	75	4' 0"	F
" "	86	8' 0"	F	" "	81	10' 0"	F	" "	84	6' 0"	F
" "	84	5' 0"	M	" "	76	3' 0"	F	" "	86	8' 0"	M
" "	77	7' 0"	F	" "	79	6' 0"	M	" "	89	10' 0"	F
" "	86	11' 6"	M	" "	86	12' 0"	F	" "	80	6' 0"	F
" "	86	4' 3"	F	" "	85	7' 0"	F	" "	83	6' 0"	M
" "	81	5' 0"	M	" "	82	2' 0"	M	" "	87	5' 0"	M
" "	82	7' 0"	M	" "	79	8' 0"	M	" "	86	12' 0"	M
" "	88	5' 0"	M	" "	88	10' 0"	M	" "	76	{ 6' 0"	M
" "	92	10' 0"	F	" "	79	8' 0"	F	" "	{ 6' 0"	F	
" "	89	13' 0"	M	" "	87	7' 0"	F	" "	84	10' 0"	F
" "	82	9' 2"	M	" "	87	5' 0"	M	" "	85	1' 6"	M
" "	85	3' 1"	F	" "	87	10' 5"	M	" "	83	7' 0"	F
" "	81	4' 8"	F	" "	82	4' 0"	F	" "	80	6' 0"	F
" "	86	4' 1"	M	" "	88	6' 0"	F	" "	83	6' 6"	M
" "	74	3' 7"	F	" "	88	14' 0"	M	" "	81	5' 6"	M
" "	88	9' 10"	M	" "	86	6' 0"	M	" "	91	{ 4' 3"	M
" "	89	6' 5"	M	" "	88	6' 0"	F	" "	{ 5' 7"	M	
" "	88	6' 11"	M	" "	94	6' 11"	F	" "	92	8' 6"	M
" "	90	9' 0"	M	" "	93	12' 2"	F	" "	79	5' 6"	F
" "	86	13' 0"	M	" "	87	8' 11"	M	" "	86	2' 2"	M
28/12	89	{ 6' 0"	F	" "	74	3' 6"	F	" "	86	6' 7"	F
" "	89	{ 6' 0"	M	" "	83	8' 6"	M	" "	82	5' 0"	M
" "	86	8' 0"	M	" "	86	3' 0"	F	" "	85	11' 2"	M
" "	85	9' 0"	F	30/12	87	13' 6"	M	" "	75	6' 6"	M
" "	81	9' 0"	F	" "	76	7' 6"	F	" "	84	6' 0"	M
" "	82	6' 0"	F	" "	77	7' 0"	M	" "	82	2' 0"	F
" "	77	5' 0"	F	" "	81	7' 0"	F	" "	78	6' 0"	M
" "	78	5' 0"	F	" "	83	6' 0"	F	" "	84	2' 0"	F
" "	83	5' 0"	F	" "	86	10' 0"	M	" "	85	6' 0"	F
" "	81	5' 0"	F	" "	88	3' 0"	M	" "	92	8' 0"	M
" "	83	9' 0"	F	" "	86	9' 0"	F	" "			
" "	90	15' 0"	M	" "	89	12' 0"	F	1/1 39	77	7' 0"	M
" "	89	17' 0"	M	" "	83	5' 0"	F	" "	83	5' 0"	M

Table No. 7.—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.	
¹ / ₁ 39	80	3' 2"	M	³ / ₁ 39	83	9' 0"	F	⁶ / ₁ 39	80	6' 0"	M
" "	86	6' 0"	M	" "	94	8' 0"	M	" "	87	14' 0"	M
" "	79	8' 0"	F	" "	88	3' 0"	F	" "	78	10' 0"	M
" "	80	9' 0"	M	" "		5' 0"	F	" "	85	12' 0"	M
" "	86	8' 0"	M	" "	78	7' 0"	F	" "	78	9' 0"	M
" "	86	10' 0"	M	" "	76	6' 0"	M	" "	85	9' 0"	M
" "	89	12' 0"	F	" "	79	7' 0"	F	" "	79	8' 6"	M
" "	82	10' 0"	M	" "	86	7' 0"	F	" "	86	8' 7"	M
" "	90	10' 0"	M	" "	74	5' 0"	M	" "	78	4' 2"	M
" "	91	14' 0"	M	" "	75	6' 0"	M	" "	83	9' 2"	F
" "	88	6' 0"	F	⁴ / ₁ "	87	9' 0"	F	" "	85	3' 10"	M
" "	85	12' 0"	F	" "	86	8' 0"	M	" "	81	9' 1"	M
" "	86	13' 0"	F	" "	82	7' 0"	F	" "	89	7' 8"	M
" "	90	10' 0"	M	" "	83	11' 0"	M	" "	82	17' 1"	F
" "	84	8' 0"	F	" "	88	8' 0"	F	" "	90	12' 5"	M
" "	76	10' 0"	M	" "	87	7' 0"	M	⁷ / ₁ "	86	6' 0"	M
" "	76	6' 0"	M	" "	80	6' 0"	F	" "	85	14' 0"	F
" "	91	8' 6"	F	" "	81	7' 0"	F	" "	84	9' 0"	M
" "	86	1' 5"	F	" "	81	11' 0"	M	" "	84	3' 0"	F
" "	87	6' 7"	M	" "	81	6' 0"	M	" "	82	8' 0"	M
" "	80	4' 5"	M	" "	95	6' 0"	M	" "	88	8' 0"	M
" "	81	8' 0"	M	⁵ / ₁ "	78	5' 6"	M	" "	83	7' 0"	F
" "	89	3' 0"	F	" "	88	12' 6"	F	" "	87	7' 0"	M
² / ₁ "	82	9' 0"	F	" "	80	9' 0"	F	" "	80	4' 0"	F
" "	82	9' 0"	M	" "	85	14' 0"	F	" "	88	15' 0"	M
" "	82	11' 0"	M	" "	78	10' 0"	M	" "	87	8' 0"	M
" "	87	11' 0"	M	" "	79	7' 0"	F	" "	81	8' 0"	M
" "	87	12' 0"	F	" "	76	8' 0"	F	" "	83	12' 0"	F
" "	88	10' 0"	M	" "	88	12' 0"	M	" "	80	8' 0"	F
" "	92	13' 0"	M	" "	85	10' 0"	M	" "	83	12' 0"	F
" "	83	11' 0"	F	" "	85	2' 0"	M	" "	81	8' 0"	F
" "	91	15' 0"	F	" "	82	6' 0"	M	" "	84	14' 0"	M
" "	89	7' 0"	F	" "	89	4' 0"	M	" "	77	8' 0"	F
" "	82	8' 0"	F	" "	82	13' 0"	M	" "	83	10' 0"	M
" "	78	3' 0"	M	" "	76	8' 0"	F	" "	85	2' 7"	F
" "	76	8' 0"	F	" "	83	5' 0"	F	" "	92	9' 7"	F
" "	82	10' 0"	M	" "	81	10' 0"	M	" "	85	12' 0"	F
" "	86	11' 0"	F	" "	88	7' 0"	M	" "	81	9' 1"	F
" "	88	14' 0"	M	" "	85	2' 0"	M	" "	88	7' 4"	M
" "	79	5' 0"	M	" "	85	13' 5"	M	" "	76	10' 6"	F
" "	79	5' 0"	M	" "	80	13' 5"	M	" "	77	4' 0"	M
" "	85	2' 0"	M	" "	81	6' 0"	M	" "	86	12' 0"	F
" "	82	6' 0"	M	" "	80	7' 4"	M	" "	87	13' 6"	F
" "	80	5' 6"	M	" "	87	11' 0"	F	" "	87	6' 7"	M
" "	85	6' 0"	F	" "	85	9' 7"	F	" "	83	8' 8"	F
" "	82	7' 0"	M	" "	90	7' 0"	M	" "	86	8' 4"	F
" "	80	7' 0"	F	⁶ / ₁ "	92	3' 11"	F	" "	75	5' 6"	F
³ / ₁ "	88	6' 0"	M	" "	80	5' 0"	M	" "	84	4' 6"	M
" "	82	9' 0"	F	" "	84	3' 4"	M	⁸ / ₁ "	78	6' 0"	F
" "	81	5' 0"	F	" "	88	10' 0"	F	" "	79	10' 6"	F
" "	87	4' 0"	F	" "	81	4' 0"	M	" "	86	4' 0"	M
" "	85	4' 0"	M	" "	78	8' 0"	F	" "	72	4' 0"	F
" "	76	7' 0"	F	" "	85	4' 0"	M	" "	87	7' 0"	M
" "	79	7' 0"	M	" "	82	4' 0"	F	" "	89	14' 0"	M
" "	80	4' 0"	M	" "	83	14' 0"	F	" "	84	9' 0"	M
" "	80	7' 0"	F	" "	83	10' 0"	M	" "	83	7' 0"	M
" "	85	5' 0"	M	" "	88	5' 0"	M	" "	82	12' 0"	F
" "	85	5' 0"	M	" "	89	3' 0"	M	" "	83	10' 0"	M

Table No. 7.—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 / ₁ 39	80	6' 0"	M	⁹ / ₁ 39	85	7' 3"	F	¹¹ / ₁ 39	80	5' 0"	M
" "	82	7' 0"	M	" "	86	11' 6"	M	" "	85	15' 0"	F
" "	80	13' 0"	M	" "	79	7' 10"	M	" "	82	6' 2"	M
" "	84	7' 0"	F	" "	82	10' 6"	F	" "	83	5' 5"	M
" "	84	8' 0"	M	" "	86	5' 0"	M	" "	96	5' 0"	F
" "	82	4' 0"	F	¹⁰ / ₁ "	79	10' 0"	F	" "	73	4' 8"	F
" "	80	9' 0"	F	" "	77	4' 0"	F	" "	76	6' 1"	F
" "	82	12' 0"	F	" "	86	10' 0"	F	" "	91	5' 5"	M
" "	87	3' 0"	M	" "	84	14' 0"	F	" "	84	9' 0"	F
" "	81	12' 0"	M	" "	84	7' 0"	M	¹² / ₁ "	89	5' 6"	M
" "	87	7' 6"	M	" "	89	9' 0"	F	" "	83	6' 0"	M
" "	81	9' 6"	F	" "	84	13' 0"	M	" "	83	7' 0"	M
" "	86	11' 0"	F	" "	85	7' 0"	M	" "	84	14' 0"	M
" "	78	9' 7"	M	" "	85	8' 0"	M	" "	80	7' 0"	M
" "	85	1' 3"	F	" "	84	11' 0"	F	" "	84	12' 0"	M
" "	86	9' 7"	M	" "	82	9' 0"	F	" "	76	6' 0"	M
" "	78	8' 6"	F	" "	81	3' 0"	F	" "	91	6' 0"	M
" "	84	10' 4"	F	" "	81	12' 0"	F	" "	94	10' 0"	M
" "	82	11' 0"	M	" "	81	9' 0"	M	" "	92	1' 6"	M
" "	85	3' 11"	M	" "	88	14' 0"	F	" "	80	14' 0"	M
" "	83	12' 2"	M	" "	81	6' 0"	F	" "	90	10' 0"	F
" "	89	1' 8"	M	" "	83	9' 0"	M	" "	79	15' 0"	F
" "	87	13' 9"	F	" "	78	8' 0"	M	" "	90	8' 0"	M
" "	79	5' 6"	M	" "	89	5' 0"	F	" "	80	14' 0"	F
" "	87	13' 1"	M	" "	78	14' 0"	F	" "	80	10' 0"	F
" "	79	10' 6"	F	" "	85	10' 0"	M	" "	86	14' 0"	M
" "	86	8' 10"	M	" "	86	6' 0"	M	" "	88	8' 0"	F
" "	84	11' 0"	F	" "	78	7' 0"	M	" "	85	5' 0"	M
" "	84	12' 0"	F	" "	84	5' 0"	M	" "	80	6' 0"	F
⁹ / ₁ "	88	6' 0"	M	" "	84	11' 6"	M	" "	77	6' 3"	F
" "	84	6' 0"	F	" "	86	17' 5"	F	" "	85	6' 0"	F
" "	84	5' 0"	M	" "	80	7' 10"	M	" "	81	11' 5"	F
" "	87	6' 0"	M	" "	79	8' 10"	M	" "	85	6' 2"	M
" "	90	7' 0"	M	" "	77	6' 6"	F	" "	85	7' 0"	F
" "	80	10' 0"	M	¹¹ / ₁ "	80	10' 0"	M	" "	77	4' 0"	M
" "	81	7' 0"	F	" "	88	5' 0"	M	" "	83	4' 6"	M
" "	84	10' 0"	M	" "	83	10' 0"	F	" "	86	7' 9"	F
" "	84	8' 0"	F	" "	89	8' 0"	F	" "	79	8' 2"	M
" "	81	12' 0"	F	" "	89	8' 0"	F	" "	83	5' 3"	F
" "	80	10' 0"	F	" "	88	8' 0"	M	" "	88	7' 1"	F
" "	85	14' 0"	F	" "	89	8' 0"	M	" "	83	8' 0"	M
" "	77	5' 0"	M	" "	85	11' 0"	F	" "	89	1' 6"	M
" "	85	14' 0"	F	" "	84	12' 0"	M	" "	83	10' 6"	M
" "	80	12' 0"	F	" "	85	3' 0"	F	" "	88	5' 0"	M
" "	80	13' 0"	M	" "	80	11' 0"	M	" "	90	5' 0"	F
" "	80	12' 0"	F	" "	85	10' 0"	M	¹³ / ₁ "	89	9' 0"	M
" "	77	6' 0"	F	" "	91	14' 0"	F	" "	84	9' 0"	M
" "	84	14' 0"	F	" "	80	15' 0"	F	" "	85	13' 0"	F
" "	89	11' 0"	M	" "	82	9' 0"	M	" "	83	5' 0"	M
" "	82	11' 0"	M	" "	86	12' 0"	F	" "	87	15' 0"	M
" "	79	8' 6"	F	" "	85	6' 0"	M	" "	80	11' 0"	M
" "	80	7' 2"	F	" "	86	2' 0"	F	" "	88	9' 0"	M
" "	83	14' 2"	F	" "	88	6' 0"	F	" "	72	5' 0"	F
" "	85	15' 0"	M	" "	82	11' 0"	F	" "	81	14' 0"	M
" "	83	9' 5"	F	" "	86	2' 6"	M	" "	83	14' 5"	F
" "	86	16' 6"	F	" "	90	9' 0"	M	" "	87	11' 5"	M
" "	85	9' 4"	F	" "	89	5' 0"	M	" "	83	10' 6"	M
" "	87	14' 1"	M	" "	91	6' 0"	M	" "	80	10' 6"	M

Table No. 7.—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.	
13/1 39	83	6' 1"	M	16/1 39	83	3' 0"	F	18/1 39	88	14' 0"	M
" "	85	11' 4"	F	" "	80	5' 0"	F	" "	79	6' 0"	M
" "	80	7' 6"	M	" "	88	10' 0"	M	" "	86	12' 0"	F
" "	87	9' 0"	M	" "	86	7' 0"	F	" "	83	6' 4"	M
" "	79	7' 0"	M	" "	85	12' 0"	M	" "	84	12' 0"	M
" "	77	9' 0"	M	" "	83	4' 6"	F	19/1 "	86	6' 0"	F
" "	86	8' 0"	M	" "	84	10' 0"	M	" "	85	12' 0"	M
" "	89	2' 0"	M	" "	80	3' 0"	M	" "	83	9' 0"	F
" "	87	6' 0"	M	" "	78	7' 0"	M	" "	87	5' 0"	M
14/1 "	82	15' 0"	F	" "	82	11' 0"	M	" "	80	4' 0"	F
" "	84	10' 0"	M	" "	80	8' 0"	F	" "	89	12' 0"	M
" "	89	15' 0"	M	" "	83	5' 5"	M	" "	84	11' 0"	M
" "	85	7' 0"	F	" "	82	13' 3"	F	" "	81	7' 0"	M
" "	93	4' 0"	M	" "	87	12' 3"	F	" "	75	6' 0"	M
" "	89	17' 0"	F	" "	89	10' 0"	F	" "	79	7' 0"	F
" "	83	10' 0"	M	" "	84	0' 1/3"	F	" "	82	13' 0"	F
" "	86	12' 0"	F	" "	87	7' 0"	M	" "	78	6' 0"	M
" "	80	12' 0"	M	" "	85	10' 0"	F	" "	86	16' 0"	M
" "	89	13' 0"	F	" "	86	8' 0"	F	" "	74	7' 0"	M
" "	90	3' 0"	M	" "	85	5' 0"	F	" "	73	7' 0"	F
" "	87	12' 0"	F	17/1 "	92	10' 4"	F	" "	74	5' 0"	M
" "	81	10' 0"	M	" "	85	13' 0"	F	" "	86	8' 0"	M
" "	81	10' 0"	M	" "	85	12' 0"	M	" "	79	7' 3"	M
" "	88	5' 0"	M	" "	88	11' 0"	M	" "	86	13' 2"	F
" "	83	7' 6"	M	" "	86	14' 0"	M	" "	86	11' 0"	F
" "	83	4' 8"	F	" "	80	10' 0"	F	" "	82	6' 0"	M
" "	83	5' 0"	M	" "	92	9' 0"	F	" "	92	3' 3"	F
" "	83	9' 0"	F	" "	94	11' 0"	M	" "	83	10' 3"	F
" "	84	7' 0"	M	" "	88	13' 0"	M	" "	86	8' 6"	M
" "	90	8' 0"	F	" "	96	13' 6"	F	20/1 "	88	7' 0"	M
15/1 "	91	6' 0"	M	" "	84	14' 0"	M	" "	82	9' 0"	F
" "	80	4' 0"	M	" "	83	5' 0"	M	" "	85	10' 0"	F
" "	79	12' 0"	F	" "	87	6' 0"	F	" "	87	6' 0"	M
" "	82	8' 0"	M	" "	87	12' 0"	M	" "	90	6' 0"	M
" "	86	5' 0"	M	" "	90	6' 0"	F	" "	85	12' 0"	F
" "	85	8' 0"	M	" "	85	7' 8"	F	" "	85	12' 0"	M
" "	84	6' 0"	M	" "	86	11' 5"	M	" "	93	7' 0"	M
" "	82	15' 0"	M	" "	77	5' 5"	M	" "	86	19' 0"	F
" "	83	6' 0"	M	" "	85	14' 0"	F	" "	90	8' 0"	M
" "	80	10' 0"	M	" "	82	12' 0"	M	" "	78	7' 0"	M
" "	86	7' 0"	F	" "	79	9' 0"	M	" "	81	6' 0"	F
" "	85	14' 0"	F	18/1 "	81	15' 0"	F	" "	81	7' 0"	F
" "	80	8' 0"	M	" "	82	4' 0"	M	" "	83	8' 6"	F
" "	82	8' 0"	M	" "	85	2' 0"	F	" "	85	5' 0"	M
" "	87	6' 0"	F	" "	89	5' 0"	F	" "	85	8' 0"	M
" "	92	12' 0"	M	" "	86	8' 0"	F	" "	87	20' 0"	F
" "	86	5' 0"	F	" "	84	6' 0"	M	" "	83	12' 0"	F
" "	84	7' 6"	M	" "	85	4' 0"	M	" "	86	4' 7"	F
" "	79	13' 7"	M	" "	78	8' 0"	M	" "	84	6' 0"	M
" "	88	8' 0"	F	" "	85	10' 0"	M	" "	84	7' 0"	F
" "	84	10' 0"	F	" "	90	4' 0"	F	21/1 "	85	10' 6"	F
" "	80	5' 0"	F	" "	78	8' 0"	M	" "	82	5' 0"	M
" "	84	5' 0"	M	" "	85	9' 0"	F	" "	85	7' 0"	F
16/1 "	85	10' 0"	F	" "	87	8' 0"	M	" "	80	6' 0"	M
" "	88	10' 0"	M	" "	81	6' 0"	F	" "	85	12' 0"	M
" "	85	5' 0"	F	" "	84	4' 0"	F	" "	88	12' 0"	F
" "	94	8' 0"	F	" "	84	16' 6"	M	" "	88	11' 0"	M
" "	80	11' 0"	M	" "	90	18' 0"	F	" "	88	8' 0"	M

Table No. 7.—Blue-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
21/ 39	84	9' 0"	M	24/1 39	91	9' 0"	M	27/1 39	90	11' 0"	F
" "	90	9' 0"	F	" "	90	14' 0"	F	" "	82	12' 0"	M
" "	92	7' 0"	M	" "	88	12' 0"	F	" "	85	10' 0"	M
" "	80	10' 0"	F	" "	85	8' 0"	M	" "	84	12' 0"	M
" "	85	14' 0"	F	" "	85	9' 0"	F	" "	84	9' 6"	M
" "	86	8' 0"	F	" "	90	12' 0"	M	" "	88	8' 0"	M
" "	88	4' 0"	F	" "	89	15' 0"	M	" "	91	10' 0"	F
" "	80	6' 0"	M	" "	86	8' 0"	F	" "	92	12' 0"	M
" "	89	12' 0"	F	" "	83	2' 0"	F	" "	89	8' 0"	M
" "	93	11' 0"	M	" "	84	5' 0"	F	" "	89	10' 0"	M
" "	81	12' 0"	M	" "	88	3' 0"	F	" "	88	5' 6"	F
" "	75	6' 0"	F	" "	90	13' 0"	F	" "	88	12' 0"	F
" "	85	6' 4"	M	" "	90	9' 6"	F	" "	87	6' 6"	F
" "	85	6' 6"	M	" "	84	4' 6"	M	" "	89	12' 8"	M
" "	78	6' 7"	F	" "	81	5' 6"	M	" "	82	12' 10"	F
" "	80	9' 2"	M	" "	85	16' 0"	M	" "	83	9' 4"	M
" "	77	4' 0"	M	25/1 "	75	6' 4"	F	" "	85	10' 0"	M
" "	81	7' 0"	M	" "	82	11' 0"	M	" "	85	9' 0"	F
" "	81	8' 0"	F	" "	83	7' 0"	F	" "	83	7' 0"	M
22/1 "	80	9' 9"	F	" "	88	7' 0"	M	28/1 "	80	8' 9"	M
" "	86	12' 0"	M	" "	85	13' 0"	F	" "	94	14' 0"	M
" "	87	9' 0"	F	" "	87	14' 0"	M	" "	82	7' 0"	M
" "	83	14' 0"	M	" "	86	6' 0"	M	" "	76	7' 0"	M
" "	81	11' 0"	F	" "	85	4' 0"	F	" "	83	6' 0"	M
" "	85	6' 0"	F	" "	83	5' 0"	M	" "	90	6' 0"	M
" "	89	9' 0"	M	" "	80	9' 0"	M	" "	85	17' 0"	F
" "	86	7' 0"	F	" "	83	14' 0"	M	" "	81	11' 0"	M
" "	86	11' 0"	M	" "	86	10' 0"	F	" "	86	9' 0"	M
" "	87	15' 0"	M	" "	83	12' 0"	F	" "	82	11' 6"	M
" "	86	11' 0"	F	" "	82	8' 0"	F	" "	86	8' 6"	F
" "	83	8' 6"	F	" "	85	12' 0"	F	" "	87	18' 0"	M
" "	82	6' 6"	M	" "	85	7' 0"	M	" "	83	9' 0"	M
" "	84	8' 1"	F	" "	83	8' 0"	M	" "	86	5' 0"	M
" "	90	10' 10"	M	" "	78	5' 0"	M	29/1 "	88	10' 0"	F
" "	85	7' 6"	M	" "	81	13' 0"	F	" "	85	8' 6"	M
" "	81	9' 0"	F	" "	91	9' 6"	F	" "	86	8' 0"	F
23/1 "	87	12' 0"	F	" "	85	9' 0"	F	" "	90	13' 0"	M
" "	84	4' 0"	F	" "	93	9' 0"	M	" "	83	8' 0"	M
" "	86	11' 0"	F	26/1 "	87	5' 0"	F	" "	87	11' 0"	M
" "	84	18' 0"	M	" "	88	10' 0"	F	" "	91	16' 0"	F
" "	82	16' 0"	M	" "	87	14' 0"	M	" "	78	10' 0"	M
" "	80	6' 0"	F	" "	87	5' 0"	F	" "	82	10' 0"	M
" "	81	8' 0"	M	" "	79	8' 0"	F	" "	85	9' 0"	F
" "	89	12' 0"	F	" "	87	15' 0"	F	" "	84	10' 0"	F
" "	89	15' 0"	F	" "	89	8' 0"	M	" "	88	8' 0"	F
" "	85	9' 0"	M	" "	85	5' 0"	F	" "	85	6' 0"	M
" "	85	10' 10"	F	" "	85	14' 0"	F	" "	87	12' 6"	M
" "	84	3' 10"	M	" "	89	13' 0"	M	" "	85	7' 0"	M
" "	88	9' 6"	F	" "	84	9' 0"	M	" "	82	12' 0"	M
" "	91	8' 10"	M	" "	85	12' 0"	M	" "	87	16' 0"	M
" "	85	5' 1"	F	" "	86	7' 0"	M	30/1 "	80	8' 1"	M
" "	89	12' 0"	M	" "	88	6' 0"	F	" "	81	7' 4"	M
24/1 "	90	3' 0"	F	" "	88	4' 11"	M	" "	83	15' 0"	M
" "	82	11' 0"	M	" "	88	8' 0"	F	" "	85	9' 0"	F
" "	82	7' 0"	F	" "	77	5' 0"	M	" "	83	17' 0"	F
" "	84	8' 0"	M	22/1 "	82	4' 0"	F	" "	87	15' 0"	F
" "	86	14' 0"	M	" "	82	17' 0"	F	" "	89	17' 0"	F
" "				" "	83	8' 0"	F	" "	87	15' 0"	M

Table No. 7.—Blue-whale foetuses (cont.).

Date when measured.	Length		Sex.	Date when measured.	Length		Sex.	Date when measured.	Length		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
³⁰ / ₁ 39	85	12' 0"	F	³ / ₂ 39	84	16' 0"	F	⁷ / ₂ 39	94	13' 0"	F
" "	84	6' 0"	F	" "	83	6' 11"	F	" "	86	14' 0"	M
" "	83	4' 0"	M	" "	92	10' 0"	F	" "	75	10' 0"	F
" "	83	9' 6"	F	" "	87	13' 0"	F	" "	79	11' 0"	M
" "	89	18' 0"	M	" "	84	14' 0"	M	" "	88	15' 0"	F
³¹ / ₁ "	86	6' 6"	F	" "	85	6' 0"	M	" "	86	8' 0"	M
" "	86	4' 0"	M	" "	89	18' 0"	F	" "	87	5' 0"	M
" "	84	16' 0"	F	" "	81	12' 0"	M	" "	82	13' 0"	F
" "	81	6' 0"	M	" "	86	5' 0"	M	" "	82	13' 0"	F
" "	82	7' 0"	M	" "	85	13' 0"	M	" "	86	8' 7"	M
" "	84	3' 0"	M	" "	84	7' 0"	F	" "	86	12' 0"	F
" "	84	10' 0"	M	⁴ / ₂ "	87	15' 6"	F	" "	81	6' 0"	M
" "	83	9' 0"	M	" "	84	4' 10"	F	⁸ / ₂ "	84	10' 6"	F
" "	83	13' 0"	F	" "	90	6' 8"	M	" "	81	16' 0"	F
" "	84	5' 0"	M	" "	82	4' 0"	F	" "	82	15' 0"	M
" "	86	14' 0"	M	" "	83	6' 0"	M	" "	82	13' 0"	F
" "	86	9' 0"	F	" "	80	13' 0"	M	" "	77	9' 0"	M
" "	90	7' 0"	F	" "	76	9' 0"	F	" "	88	13' 6"	M
" "	80	10' 0"	M	" "	80	12' 0"	F	" "	82	14' 0"	F
" "	83	6' 7"	F	" "	83	8' 0"	M	" "	85	18' 0"	F
" "	76	8' 6"	M	" "	84	11' 0"	F	" "	79	11' 11"	M
" "	89	6' 0"	M	" "	82	7' 0"	F	" "	92	9' 0"	M
¹ / ₂ "	84	10' 6"	F	" "	94	18' 0"	M	" "	86	13' 0"	M
" "	92	8' 0"	F	" "	81	14' 0"	F	" "	86	12' 6"	M
" "	93	19' 0"	F	" "	84	16' 0"	M	" "	88	17' 0"	F
" "	88	12' 0"	M	" "	89	11' 6"	M	" "	87	18' 0"	F
" "	92	13' 0"	F	" "	82	8' 6"	M	" "	84	12' 0"	F
" "	84	6' 0"	F	" "	83	12' 6"	M	⁹ / ₂ "	87	8' 0"	M
" "	76	6' 0"	M	" "	80	9' 0"	F	" "	90	14' 0"	M
" "	87	12' 0"	F	⁵ / ₂ "	80	12' 0"	M	" "	83	14' 0"	M
" "	82	15' 0"	F	" "	85	7' 0"	F	" "	86	10' 0"	F
" "	73	8' 6"	M	" "	83	10' 0"	F	" "	79	10' 0"	F
" "	82	10' 0"	M	" "	80	16' 0"	F	" "	81	21' 0"	F
" "	82	7' 0"	M	" "	84	13' 0"	F	" "	78	6' 0"	F
" "	84	4' 0"	F	" "	88	12' 0"	F	" "	85	15' 0"	M
² / ₂ "	85	5' 0"	M	" "	86	5' 0"	F	" "	82	8' 0"	M
" "	83	11' 0"	F	" "	84	7' 5"	M	" "	86	12' 0"	F
" "	88	16' 0"	M	" "	86	12' 2"	F	" "	84	6' 0"	F
" "	81	9' 0"	F	" "	89	17' 0"	F	" "	85	12' 0"	M
" "	80	8' 0"	M	" "	82	8' 0"	M	¹⁰ / ₂ "	79	7' 0"	M
" "	85	15' 0"	F	" "	82	19' 0"	F	" "	80	9' 3"	M
³ / ₂ "	88	6' 0"	M	⁶ / ₂ "	80	16' 0"	F	" "	74	2' 0"	F
" "	79	9' 0"	F	" "	79	8' 0"	M	¹¹ / ₂ "	86	14' 0"	M
" "	76	6' 0"	F	" "	76	5' 0"	M	" "	90	23' 0"	M
" "	88	15' 0"	F	" "	90	7' 0"	F	" "	93	16' 0"	M
" "	88	12' 0"	M	" "	83	20' 0"	F	" "	84	8' 0"	M
" "	84	16' 0"	M	" "	83	8' 5"	F	" "	80	4' 0"	M
" "	86	12' 0"	M	" "	81	12' 0"	F	" "	87	4' 0"	F
" "	85	12' 0"	F	" "	84	16' 1"	F	" "	80	9' 0"	F
" "	85	6' 0"	M	" "	86	8' 0"	M	" "	78	7' 8"	M
" "	80	12' 0"	F	" "	85	12' 0"	F	" "	84	11' 0"	M
" "	84	14' 6"	M	⁷ / ₂ "	83	12' 0"	M	¹² / ₂ "	77	10' 4"	F
" "	84	10' 0"	M	" "	88	18' 0"	F	" "	88	14' 0"	F
" "	78	2' 0"	F	" "	88	4' 0"	M	" "	87	14' 0"	F
" "	81	11' 0"	M	" "	87	15' 0"	F	" "	88	14' 0"	F
" "	83	17' 0"	M	" "	86	17' 0"	M	" "	81	11' 0"	M
" "	83	12' 5"	F	" "	80	9' 0"	M	" "	96	15' 10"	M
" "	87	11' 0"	F	" "	87	18' 0"	F	" "	80	11' 0"	F

Table No. 7.—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.	
12 $\frac{1}{2}$ 39	87	9' 0"	M	20 $\frac{1}{2}$ 39	70	9' 0"	M	24 $\frac{1}{2}$ 39	86	17' 0"	F
" "	80	14' 11"	M	" "	76	5' 0"	M	" "	88	8' 6"	M
" "	86	8' 1"	M	" "	85	11' 7"	F	" "	90	24' 0"	F
" "	85	15' 11"	M	" "	81	6' 0"	F	" "	93	13' 0"	M
" "	85	15' 6"	F	" "	90	11' 0"	F	" "	77	10' 0"	F
" "	83	11' 6"	M	" "	85	9' 9"	M	" "	80	10' 2"	F
" "	81	11' 0"	M	" "	88	8' 8"	F	" "	85	9' 0"	F
13 $\frac{1}{2}$ "	78	8' 0"	F	" "	87	16' 0"	F	" "	87	18' 0"	F
" "	88	13' 0"	F	" "	82	11' 6"	F	" "	80	8' 0"	M
" "	88	4' 0"	F	21 $\frac{1}{2}$ "	85	8' 0"	F	" "	82	6' 0"	M
" "	89	17' 0"	F	" "	85	15' 0"	M	" "	96	15' 0"	F
" "	81	15' 0"	M	" "	92	19' 0"	M	" "	81	13' 9"	F
" "	81	11' 8"	M	" "	91	8' 0"	F	" "	85	15' 0"	M
" "	84	10' 7"	F	" "	81	15' 0"	M	25 $\frac{1}{2}$ "	86	13' 0"	F
" "	81	5' 6"	M	" "	87	18' 0"	F	" "	76	12' 0"	F
" "	81	7' 0"	F	22 $\frac{1}{2}$ "	90	7' 0"	M	" "	83	10' 0"	F
" "	84	14' 0"	F	" "	89	17' 0"	M	" "	83	13' 0"	M
14 $\frac{1}{2}$ "	79	15' 0"	M	" "	93	14' 0"	M	" "	75	12' 0"	F
" "	88	23' 0"	M	" "	87	15' 0"	M	26 $\frac{1}{2}$ "	79	8' 0"	F
" "	77	14' 0"	F	" "	82	15' 0"	F	" "	86	20' 0"	M
" "	89	4' 0"	M	" "	78	14' 0"	M	" "	90	19' 0"	M
" "	84	12' 0"	F	" "	85	18' 0"	F	" "	85	15' 0"	F
15 $\frac{1}{2}$ "	83	7' 0"	M	" "	81	13' 0"	M	" "	87	23' 0"	M
" "	80	10' 0"	M	" "	90	14' 0"	F	" "	78	15' 0"	M
" "	85	12' 0"	F	" "	86	7' 6"	M	" "	89	15' 6"	M
" "	83	20' 0"	F	" "	90	12' 6"	M	27 $\frac{1}{2}$ "	86	17' 0"	M
" "	85	14' 0"	F	" "	82	6' 0"	M	" "	88	16' 0"	M
" "	81	5' 11"	M	" "	74	11' 0"	F	" "	83	14' 0"	F
" "	86	19' 0"	M	" "	73	12' 5"	F	" "	85	13' 0"	M
" "	78	10' 0"	M	" "	83	15' 0"	M	" "	84	22' 4"	F
" "	81	5' 11"	F	" "	87	13' 6"	F	" "	83	14' 7"	M
16 $\frac{1}{2}$ "	86	9' 0"	M	23 $\frac{1}{2}$ "	81	5' 5"	F	" "	81	15' 2"	F
" "	79	11' 0"	M	" "	85	9' 0"	M	" "	83	13' 1"	M
" "	84	12' 0"	F	" "	79	9' 0"	F	" "	85	11' 0"	F
17 $\frac{1}{2}$ "	88	14' 0"	M	" "	81	9' 0"	F	" "	83	20' 0"	F
" "	88	1' 10"	F	" "	79	5' 0"	F	28 $\frac{1}{2}$ "	89	18' 0"	F
" "	85	14' 5"	M	" "	82	11' 0"	M	" "	83	13' 0"	F
" "	82	8' 0"	F	" "	87	18' 0"	M	" "	88	9' 5"	M
18 $\frac{1}{2}$ "	85	6' 0"	M	" "	85	13' 0"	F	" "	79	10' 4"	F
" "	81	14' 0"	F	" "	82	13' 0"	M	" "	90	11' 1"	F
" "	83	13' 0"	F	" "	89	8' 0"	M	" "	85	8' 2"	M
" "	92	12' 0"	M	" "	82	4' 0"	M	1 $\frac{1}{3}$ "	84	13' 0"	F
" "	88	13' 0"	F	" "	78	9' 0"	F	" "	80	12' 0"	F
19 $\frac{1}{2}$ "	85	15' 0"	F	" "	84	20' 0"	M	" "	92	11' 6"	M
" "	90	10' 0"	F	" "	72	7' 0"	F	2 $\frac{1}{3}$ "	90	18' 3"	M
" "	86	15' 0"	F	" "	83	12' 0"	F	" "	90	8' 0"	M
" "	84	8' 0"	M	" "	80	7' 0"	F	" "	85	23' 0"	F
" "	86	15' 0"	F	" "	77	9' 0"	M	" "	87	14' 0"	F
" "	82	13' 2"	M	" "	91	10' 0"	M	" "	87	16' 0"	F
" "	80	10' 6"	M	" "	79	12' 11"	M	" "	81	22' 0"	M
" "	83	10' 6"	F	" "	84	11' 8"	M	" "	86	10' 0"	F
" "	83	9' 11"	F	" "	79	14' 4"	M	" "	82	20' 0"	M
20 $\frac{1}{2}$ "	83	22' 6"	F	" "	90	7' 3"	M	" "	90	17' 0"	F
" "	88	15' 0"	M	" "	91	15' 5"	M	" "	82	16' 0"	F
" "	83	4' 0"	F	" "	80	14' 4"	M	3 $\frac{1}{3}$ "	84	16' 0"	F
" "	85	14' 0"	F	" "	85	13' 0"	M	" "	86	17' 0"	M
" "	86	17' 0"	M	24 $\frac{1}{2}$ "	68	3' 6"	M	" "	86	14' 0"	F
" "	86	17' 0"	M	" "	84	17' 0"	F	" "	84	17' 0"	F

Table No. 7.—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.	
$\frac{3}{3}$ 39	87	13' 0"	M	$\frac{5}{3}$ 39	79	13' 0"	F	$\frac{7}{3}$ 39	83	8' 0"	F
" "	83	10' 8"	M	" "	79	8' 0"	F	" "	84	19' 0"	F
$\frac{4}{3}$ "	79	10' 5"	M	" "	83	15' 0"	M	" "	83	18' 0"	F
" "	81	15' 0"	M	" "	87	12' 0"	F	" "	85	17' 0"	F
" "	81	9' 0"	M	" "	79	10' 6"	F	$\frac{8}{3}$ "	83	12' 6"	F
" "	80	15' 0"	F	$\frac{6}{3}$ "	78	12' 0"	F	" "	81	7' 7"	F
" "	87	18' 0"	M	" "	84	19' 0"	F	" "	83	20' 6"	F
" "	88	15' 6"	M	" "	85	21' 6"	M	" "	86	19' 2"	M
" "	84	15' 0"	F	" "	86	16' 0"	F	" "	83	21' 0"	M
" "	89	23' 0"	M	" "	72	8' 6"	M	$\frac{9}{3}$ "	80	8' 0"	F
" "	75	19' 0"	M	" "	89	6' 0"	F	" "	82	9' 4"	F
" "	84	18' 0"	F	" "	88	14' 0"	F	$\frac{10}{3}$ "	81	12' 4"	M
" "	83	14' 0"	F	" "	82	17' 0"	F	$\frac{12}{3}$ "	83	18' 3"	M
$\frac{5}{3}$ "	81	16' 0"	F	" "	78	9' 3"	M	$\frac{13}{3}$ "	86	20' 0"	M
" "	89	9' 0"	M	" "	80	10' 0"	F	$\frac{14}{3}$ "	86	16' 0"	M
" "	87	15' 0"	M	" "	78	9' 0"	F	" "	87	8' 0"	M
" "	80	10' 0"	M	" "	86	20' 6"	M	$\frac{15}{3}$ "	83	15' 2"	F
" "	86	18' 0"	F	$\frac{7}{3}$ "	84	13' 0"	M	" "	78	20' 6"	F

Total 2,127 blue-whale foetuses, of which 1,142 males and 977 females. Sex was not stated for 8 foetuses. Of the 2,119 foetuses, for which sex was stated, 53.89 per cent were males and 46.11 per cent females.

2. Fin-whale foetuses

measured in the Southern Seas in the season 1938/39.

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.	
$\frac{25}{10}$ 38	67	2' 4"	F	$\frac{10}{11}$ 38	74	2' 0"	F	$\frac{15}{11}$ 38	73	1' 8"	F
" "	73	2' 6"	F	$\frac{11}{11}$ "	68	3' 3"	M	$\frac{16}{11}$ "	69	2' 3"	F
$\frac{26}{10}$ "	69	3' 3"	F	" "	76	3' 6"	F	" "	71	1' 5"	F
" "	63	2' 0"	M	" "	72	3' 0"	M	" "	76	5' 6"	F
$\frac{28}{10}$ "	72	0' 6"	M	" "	68	3' 0"	F	" "	70	4' 6"	M
" "	77	5' 9"	M	" "	61	5' 0"	M	$\frac{17}{11}$ "	69	1' 3"	F
" "	73	2' 3"	F	" "	71	2' 0"	M	" "	67	0' 10"	M
" "	71	2' 8"	F	$\frac{13}{11}$ "	74	3' 6"	F	" "	68	4' 0"	F
$\frac{29}{10}$ "	63	2' 4"	F	" "	66	1' 6"	F	" "	65	2' 0"	F
$\frac{30}{10}$ "	69	1' 3"	M	" "	71	3' 0"	M	" "	71	8' 0"	F
" "	67	3' 6"	F	" "	77	3' 0"	M	" "	73	4' 10"	F
$\frac{31}{10}$ "	66	0' $\frac{1}{2}$ "	M	" "	76	5' 2"	M	$\frac{19}{11}$ "	66	3' 2"	M
$\frac{6}{11}$ "	71	3' 0"	M	$\frac{14}{11}$ "	72	3' 0"	M	$\frac{20}{11}$ "	70	4' 0"	M
" "	72	5' 3"	M	" "	67	3' 3"	F	$\frac{21}{11}$ "	69	3' 6"	F
$\frac{8}{11}$ "	65	0' 8"	M	" "	65	3' 0"	F	" "	72	7' 0"	M
" "	67	2' 3"	M	" "	75	3' 0"	M	$\frac{23}{11}$ "	68	4' 0"	M
" "	67	2' 6"	F	" "	67	3' 0"	F	" "	75	4' 0"	M
" "	71	3' 0"	F	$\frac{15}{11}$ "	69	2' 0"	F	$\frac{24}{11}$ "	70	6' 6"	M
$\frac{10}{11}$ "	68	2' 3"	M	" "	72	1' 5"	F	" "	71	4' 0"	F

Table No. 7.—*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.	
24/11 38	77	1' 3"	M	7/12 38	78	3' 0"	F	11/12 38	73	6' 0"	F
" "	75	6' 0"	F	8/12 "	73	4' 0"	F	" "	73	6' 0"	F
25/11 "	70	0' 10"	M	" "	72	5' 0"	F	" "	68	8' 5"	M
" "	75	3' 0"	F	" "	68	5' 0"	F	" "	75	7' 6"	F
28/11 "	72	2' 8"	M	" "	71	6' 0"	M	" "	77	3' 7"	F
" "	68	2' 1"	F	" "	73	5' 0"	F	" "	71	2' 9"	F
" "	73	3' 5"	F	" "	74	8' 0"	F	" "	68	1' 11"	M
29/11 "	76	4' 0"	M	" "	74	5' 0"	M	" "	70	2' 4"	F
" "	71	5' 8"	F	" "	70	3' 0"	F	" "	74	2' 6"	F
" "	72	0' 2"	M	" "	68	3' 0"	M	12/12 "	66	4' 3"	F
" "	67	6' 0"	M	" "	70	3' 0"	M	" "	73	7' 0"	F
30/11 "	66	2' 0"	M	" "	77	8' 0"	M	" "	75	2' 0"	F
1/12 "	72	5' 6"	M	" "	70	6' 0"	F	" "	76	8' 0"	F
" "	64	0' 11"	M	" "	68	0' 6"	F	" "	73	6' 0"	F
" "	74	6' 1"	M	" "	73	4' 0"	M	" "	71	3' 0"	M
" "	72	5' 0"	F	" "	67	2' 0"	M	" "	64	6' 0"	M
" "	71	4' 2"	M	" "	70	4' 4"	M	" "	76	9' 0"	F
" "	70	1' 5"	M	" "	69	5' 3"	M	" "	70	5' 0"	F
2/12 "	72	5' 9"	F	9/12 "	72	5' 0"	F	" "	72	6' 0"	F
" "	72	2' 0"	M	" "	77	0' 1"	F	" "	72	3' 6"	M
" "	71	5' 0"	M	" "	73	6' 0"	M	" "	66	3' 0"	M
" "	74	3' 2"	M	" "	75	5' 0"	M	" "	71	1' 0"	M
3/12 "	77	7' 6"	F	" "	75	5' 0"	M	" "	76	4' 0"	F
" "	72	3' 0"	F	" "	73	3' 0"	F	" "	70	6' 0"	F
" "	73	7' 5"	M	" "	71	4' 7"	M	" "	72	6' 0"	M
" "	71	5' 8"	F	" "	68	3' 6"	M	" "	67	2' 6"	F
" "	75	8' 0"	M	" "	78	3' 0"	M	" "	76	5' 0"	M
" "	75	5' 0"	M	10/12 "	70	6' 0"	F	" "	73	6' 9"	F
" "	75	5' 0"	F	" "	72	7' 0"	F	" "	72	2' 5"	F
" "	72	0' 6"	M	" "	72	5' 0"	F	" "	74	7' 0"	M
" "	76	1' 5"	M	" "	68	7' 0"	F	" "	73	8' 0"	M
" "	76	2' 0"	F	" "	71	7' 0"	M	" "	75	4' 3"	M
" "	73	5' 5"	M	" "	74	5' 6"	F	" "	76	1' 6"	F
" "	76	4' 2"	F	" "	78	7' 0"	F	" "	67	4' 0"	F
" "	71	0' 6"	M	" "	68	4' 0"	F	" "	70	3' 0"	F
4/12 "	76	5' 0"	M	" "	70	7' 0"	F	" "	75	5' 0"	M
" "	73	3' 0"	F	" "	74	3' 0"	F	" "	80	2' 6"	M
5/12 "	68	1' 6"	M	" "	73	7' 6"	M	" "	72	3' 7"	M
" "	70	6' 0"	M	" "	76	2' 3"	M	" "	73	3' 0"	M
" "	23	5' 0"	F	" "	69	6' 0"	F	" "	70	2' 6"	M
" "	77	3' 0"	F	" "	74	5' 0"	F	" "	75	1' 6"	M
" "	70	0' 10"	M	" "	73	5' 6"	F	" "	77	7' 0"	M
" "	76	5' 0"	M	" "	72	6' 5"	M	" "	73	5' 0"	M
" "	73	2' 10"	M	" "	76	7' 0"	M	" "	73	5' 0"	M
6/12 "	73	2' 5"	F	" "	71	1' 7"	M	13/12 "	73	2' 6"	F
" "	73	5' 0"	F	" "	72	3' 0"	M	" "	70	2' 6"	M
" "	72	5' 0"	M	" "	78	1' 8"	M	" "	74	7' 0"	F
" "	72	7' 0"	F	" "	66	0' 11"	M	" "	74	6' 0"	F
" "	75	6' 5"	M	" "	76	8' 6"	F	" "	74	4' 0"	F
" "	79	2' 8"	F	11/12 "	69	5' 0"	M	" "	76	3' 0"	F
" "	68	3' 0"	F	" "	74	6' 0"	F	" "	76	6' 0"	F
" "	70	6' 0"	F	" "	75	7' 0"	M	" "	75	4' 0"	M
" "	73	8' 0"	F	" "	68	18' 0"	M	" "	64	4' 0"	F
" "	73	5' 0"	M	" "	75	0' 7"	M	" "	78	6' 0"	M
" "	72	3' 6"	F	" "	75	6' 0"	M	" "	71	4' 0"	F
7/12 "	67	4' 0"	M	" "	75	4' 0"	F	" "	68	4' 6"	F
" "	75	3' 5"	M	" "	74	4' 0"	F	" "	77	6' 0"	M
" "	72	6' 0"	F	" "	72	2' 6"	M	" "	70	6' 0"	M
" "				" "				" "		3' 6"	M

Table No. 7.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
13/12 38	71	3' 0"	F	16/12 38	65	5' 6"	M	18/12 38	70	4' 0"	M
" "	72	2' 1"	F	" "	73	4' 0"	M	" "	73	5' 0"	M
" "	68	5' 1"	M	" "	66	5' 0"	F	" "	73	4' 1"	M
" "	68	5' 1"	F	" "	71	4' 0"	F	" "	72	3' 0"	F
" "	72	6' 1"	F	" "	75	5' 0"	F	" "	70	5' 0"	M
" "	79	7' 0"	M	" "	70	4' 0"	F	" "	76	0' 6"	M
14/12 "	65	3' 0"	M	" "	71	2' 0"	F	" "	64	2' 0"	F
" "	69	4' 0"	M	" "	68	5' 6"	F	" "	70	4' 0"	M
" "	76	6' 0"	M	" "	75	7' 5"	F	" "	66	3' 0"	M
" "	70	4' 0"	M	" "	65	4' 0"	F	" "	69	6' 0"	F
" "	67	1' 8"	M	" "	73	8' 6"	F	19/12 "	71	6' 3"	F
" "	69	0' 5"	M	" "	70	9' 0"	M	" "	72	7' 0"	M
" "	75	5' 7"	M	" "	65	2' 9"	F	" "	76	4' 0"	M
" "	72	3' 3"	M	" "	73	3' 0"	M	" "	70	4' 0"	M
" "	73	5' 5"	F	" "	75	3' 6"	M	" "	74	4' 0"	M
" "	74	7' 5"	F	" "	70	6' 0"	F	" "	58	6' 0"	F
" "	72	8' 0"	F	" "	74	4' 0"	M	" "	72	8' 0"	M
" "	71	3' 0"	F	17/12 "	69	2' 0"	F	" "	65	4' 0"	M
" "	71	5' 0"	F	" "	71	4' 0"	F	" "	65	1' 0"	M
" "	73	4' 5"	F	" "	72	4' 0"	M	" "	72	1' 0"	M
" "	73	5' 0"	M	" "	70	5' 0"	F	" "	63	6' 0"	F
" "	76	8' 0"	M	" "	75	2' 0"	M	" "	69	3' 0"	M
" "	67	4' 0"	F	" "	73	3' 0"	F	" "	71	2' 0"	M
" "	78	1' 8"	F	" "	73	7' 0"	M	" "	73	4' 0"	M
" "	69	5' 6"	F	" "	68	5' 0"	F	" "	74	8' 0"	M
" "	66	4' 0"	M	" "	70	5' 0"	M	" "	71	6' 0"	M
" "	75	5' 0"	M	" "	70	4' 0"	F	" "	71	3' 6"	F
" "	72	7' 6"	M	" "	73	1' 6"	F	" "	72	5' 5"	F
" "	74	4' 0"	F	" "	67	2' 0"	F	" "	64	3' 6"	F
" "	71	5' 0"	M	" "	71	4' 6"	M	" "	75	6' 0"	M
15/12 "	69	10' 0"	M	" "	73	2' 0"	F	" "	67	2' 0"	F
" "	73	5' 0"	M	" "	70	6' 5"	M	" "	72	6' 0"	F
" "	73	5' 0"	F	" "	72	5' 8"	F	" "	72	7' 6"	F
" "	72	7' 0"	M	" "	70	6' 0"	F	" "	69	2' 0"	F
" "	68	4' 0"	F	" "	70	6' 0"	M	" "	71	7' 6"	M
" "	76	1' 0"	M	" "	73	3' 11"	M	" "	65	3' 0"	M
" "	63	2' 0"	F	" "	74	4' 2"	M	" "	67	3' 6"	M
" "	69	3' 0"	M	" "	77	4' 7"	F	" "	71	2' 0"	F
" "	80	8' 0"	F	" "	76	8' 0"	M	" "	66	3' 6"	F
" "	70	5' 0"	M	" "	74	2' 6"	F	" "	73	4' 0"	F
" "	71	6' 8"	M	" "	71	6' 0"	M	20/12 "	77	6' 0"	M
" "	75	8' 0"	F	" "	68	2' 0"	M	" "	72	7' 3"	F
" "	72	6' 8"	M	" "	71	7' 6"	M	" "	74	8' 0"	M
" "	70	8' 5"	M	" "	69	2' 6"	F	" "	66	2' 0"	M
" "	71	7' 0"	M	18/12 "	67	5' 6"	M	" "	70	5' 0"	F
" "	71	7' 0"	M	" "	67	4' 0"	M	" "	68	5' 0"	M
" "	72	5' 0"	F	" "	71	7' 0"	M	" "	70	6' 0"	F
" "	73	7' 1"	F	" "	75	6' 0"	M	" "	77	8' 0"	F
" "	77	7' 3"	M	" "	75	6' 0"	M	" "	74	10' 0"	F
" "	72	6' 0"	M	" "	77	6' 0"	F	" "	70	6' 0"	M
16/12 "	69	3' 2"	F	" "	81	8' 0"	M	" "	68	3' 0"	F
" "	76	10' 0"	F	" "	68	2' 6"	F	" "	70	5' 0"	M
" "	67	1' 8"	F	" "	72	5' 0"	F	" "	75	7' 6"	M
" "	67	4' 0"	M	" "	74	5' 0"	M	" "	70	5' 6"	M
" "	72	3' 0"	M	" "	77	6' 0"	M	" "	76	3' 5"	F
" "	68	7' 0"	F	" "	67	3' 0"	M	" "	68	3' 9"	M
" "	70	6' 0"	M	" "	74	4' 0"	F	" "	61	3' 0"	F
" "	68	6' 0"	M	" "	78	6' 0"	F	" "	70	8' 0"	M

Table No. 7.—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 38	76	5' 6"	M	23/12 38	67	4' 6"	F	24/12 38	71	2' 5"	M
21/12 "	74	4' 0"	M	" "	66	2' 0"	M	" "	68	6' 4"	M
" "	76	4' 0"	F	" "	75	9' 0"	F	" "	75	6' 0"	F
" "	73	5' 0"	M	" "	71	3' 0"	F	" "	68	5' 0"	M
" "	70	8' 0"	F	" "	73	9' 0"	M	" "	76	6' 0"	M
" "	72	5' 0"	F	" "	74	2' 0"	M	" "	72	8' 0"	F
" "	72	2' 0"	F	" "	73	4' 0"	M	" "	71	8' 0"	F
" "	73	8' 0"	M	" "	72	5' 0"	F	" "	73	10' 0"	M
" "	74	8' 0"	M	" "	67	6' 0"	M	" "	76	9' 0"	F
" "	72	5' 0"	F	" "	77	5' 0"	F	" "	73	7' 0"	M
" "	75	7' 0"	F	" "	70	5' 0"	F	" "	70	6' 5"	M
" "	71	3' 0"	M	" "	75	10' 0"	F	" "	64	4' 3"	F
" "	68	0' 1/2"	F	" "	62	2' 0"	M	" "	72	6' 9"	F
" "	70	8' 0"	F	" "	72	2' 0"	M	" "	70	8' 6"	M
" "	70	3' 0"	F	" "	71	3' 0"	F	25/12 "	72	2' 4"	M
" "	66	3' 0"	F	" "	71	7' 0"	M	" "	71	3' 0"	F
" "	74	8' 0"	M	" "	74	3' 0"	F	" "	69	6' 0"	F
" "	79	3' 0"	M	" "	68	3' 0"	F	" "	72	7' 0"	M
" "	73	6' 0"	F	" "	73	4' 0"	M	" "	73	6' 0"	F
" "	70	4' 3"	M	" "	72	4' 0"	M	" "	67	8' 0"	M
" "	69	7' 0"	M	" "	74	7' 0"	M	" "	71	6' 0"	M
" "	72	3' 6"	M	" "	70	3' 0"	M	" "	65	6' 0"	M
" "	70	7' 6"	M	" "	67	5' 0"	M	" "	72	14' 0"	M
" "	74	8' 0"	F	" "	70	7' 0"	M	" "	75	10' 0"	F
22/12 "	64	2' 0"	M	" "	73	5' 0"	F	" "	76	7' 0"	F
" "	74	7' 0"	F	" "	75	8' 0"	F	" "	73	7' 0"	F
" "	71	7' 0"	M	" "	73	2' 9"	M	" "	74	7' 0"	M
" "	73	1' 6"	F	" "	71	6' 3"	M	" "	77	3' 0"	M
" "	66	2' 0"	M	" "	75	8' 0"	M	" "	69	5' 0"	F
" "	73	4' 0"	F	" "	77	5' 0"	M	" "	68	8' 0"	F
" "	70	5' 0"	F	" "	68	6' 1"	M	" "	70	9' 0"	F
" "	72	11' 0"	M	" "	70	6' 4"	F	" "	64	3' 0"	F
" "	72	6' 0"	M	" "	76	7' 5"	F	" "	68	5' 0"	F
" "	70	5' 0"	F	" "	75	0' 10"	M	" "	76	8' 0"	M
" "	67	3' 0"	M	" "	75	8' 6"	M	" "	72	2' 0"	M
" "	74	4' 0"	F	" "	67	1' 0"	M	" "	74	5' 0"	M
" "	70	6' 0"	F	" "	72	5' 0"	M	" "	70	4' 0"	F
" "	73	7' 0"	M	" "	75	4' 6"	M	" "	69	3' 0"	M
" "	72	7' 0"	M	24/12 "	70	5' 0"	F	" "	76	5' 0"	M
" "	71	6' 0"	F	" "	71	4' 0"	F	" "	70	2' 7"	M
" "	71	2' 5"	M	" "	71	3' 0"	M	" "	70	6' 5"	M
" "	69	5' 2"	F	" "	70	5' 0"	F	" "	75	7' 0"	F
" "	75	8' 0"	M	" "	70	6' 0"	M	" "	67	4' 0"	M
" "	73	6' 0"	M	" "	74	9' 0"	M	" "	66	10' 0"	M
" "	80	3' 0"	F	" "	76	5' 0"	F	" "	75	5' 0"	M
" "	75	5' 0"	F	" "	73	9' 0"	F	" "	73	5' 6"	M
" "	73	2' 2"	F	" "	70	7' 0"	M	" "	72	4' 10"	F
" "	74	4' 0"	M	" "	71	8' 0"	F	" "	74	5' 8"	F
" "	73	6' 8"	M	" "	72	5' 0"	F	" "	73	6' 11"	M
" "	69	10' 2"	M	" "	70	5' 0"	F	" "	74	3' 5"	M
" "	73	2' 4"	M	" "	70	4' 5"	M	" "	74	6' 10"	M
" "	69	5' 0"	F	" "	68	5' 0"	F	" "	70	3' 3"	F
" "	72	7' 0"	F	" "	72	7' 2"	F	26/12 "	73	5' 0"	F
" "	70	2' 6"	M	" "	72	3' 0"	M	" "	69	2' 0"	F
23/12 "	73	3' 0"	M	" "	71	6' 0"	F	" "	72	6' 0"	F
" "	75	9' 0"	F	" "	73	4' 0"	F	" "	76	7' 0"	F
" "	72	5' 0"	F	" "	73	8' 0"	F	" "	67	3' 0"	M
" "	69	4' 0"	M	" "	72	3' 0"	F	" "	73	4' 0"	F

Table No. 7.—*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.	
²⁶ / ₁₂ 38	68	4' 0"	F	²⁷ / ₁₂ 38	72	8' 0"	M	²⁸ / ₁₂ 38	73	7' 6"	F
" "	70	5' 0"	M	" "	74	8' 0"	M	" "	76	12' 6"	M
" "	74	4' 0"	F	" "	74	5' 0"	F	" "	72	7' 5"	F
" "	75	9' 0"	M	" "	74	3' 0"	M	" "	69	2' 4"	F
" "	71	4' 0"	M	" "	72	4' 6"	M	" "	71	5' 9"	M
" "	70	6' 0"	F	" "	67	2' 4"	F	" "	68	4' 0"	F
" "	72	4' 0"	F	" "	71	8' 5"	F	" "	74	7' 0"	F
" "	69	4' 0"	F	" "	73	{7' 5"	F	²⁹ / ₁₂ "	69	9' 0"	F
" "	74	9' 0"	M	" "	68	{7' 5"	F	" "	73	5' 0"	F
" "	72	9' 0"	F	" "	73	8' 10"	F	" "	74	9' 0"	F
" "	79	11' 0"	F	" "	73	4' 10"	M	" "	73	6' 0"	M
" "	69	3' 0"	F	" "	68	5' 2"	F	" "	73	5' 0"	M
" "	74	5' 0"	F	" "	71	8' 6"	F	" "	73	4' 0"	M
" "	72	5' 0"	M	" "	66	3' 0"	F	" "	72	8' 0"	M
" "	70	6' 0"	F	" "	67	0' $\frac{1}{2}$ "	M	" "	72	7' 0"	M
" "	75	2' 8"	F	" "	73	8' 0"	F	" "	75	4' 0"	F
" "	68	3' 8"	M	" "	75	7' 0"	M	" "	68	4' 0"	F
" "	71	7' 1"	M	²⁸ / ₁₂ "	69	6' 0"	F	" "	69	3' 0"	F
" "	72	7' 6"	M	" "	76	5' 0"	M	" "	73	5' 0"	F
" "	74	6' 5"	F	" "	72	9' 0"	F	" "	73	3' 0"	F
" "	76	2' 5"	M	" "	72	7' 0"	M	" "	70	4' 0"	F
" "	70	6' 5"	M	" "	74	6' 0"	M	" "	72	5' 0"	F
" "	71	4' 0"	F	" "	73	2' 0"	M	" "	73	5' 0"	M
" "	75	7' 0"	M	" "	75	11' 0"	F	" "	68	4' 6"	M
" "	65	2' 0"	F	" "	74	6' 0"	F	" "	73	6' 0"	M
" "	76	8' 5"	M	" "	72	6' 0"	M	" "	72	5' 0"	F
" "	70	6' 0"	M	" "	72	9' 0"	M	" "	72	10' 0"	M
" "	70	3' 0"	M	" "	67	1' 0"	F	" "	72	5' 0"	F
" "	71	9' 5"	M	" "	72	8' 0"	M	" "	78	9' 0"	F
" "	75	2' 0"	M	" "	73	6' 0"	M	" "	71	5' 0"	F
" "	72	5' 6"	F	" "	74	3' 0"	F	" "	74	5' 0"	M
" "	71	3' 6"	M	" "	75	6' 0"	F	" "	76	9' 0"	F
" "	71	7' 6"	F	" "	71	6' 0"	F	" "	78	3' 8"	M
" "	74	6' 11"	M	" "	72	3' 0"	F	" "	71	5' 1"	M
" "	71	6' 7"	M	" "	75	3' 0"	M	" "	77	8' 8"	F
" "	67	4' 0"	M	" "	72	5' 0"	M	" "	76	8' 0"	M
²⁷ / ₁₂ "	62	3' 6"	F	" "	75	10' 0"	M	" "	76	1' 6"	F
" "	70	5' 0"	F	" "	74	10' 0"	M	" "	72	2' 8"	M
" "	76	7' 0"	F	" "	68	7' 0"	M	" "	73	8' 5"	M
" "	72	6' 0"	M	" "	74	4' 0"	M	" "	73	10' 3"	M
" "	79	7' 0"	F	" "	71	6' 0"	F	" "	71	5' 5"	F
" "	72	11' 0"	M	" "	71	3' 0"	M	" "	76	8' 0"	F
" "	71	8' 0"	F	" "	66	4' 0"	M	" "	71	7' 5"	F
" "	74	2' 0"	M	" "	71	5' 0"	M	" "	72	8' 0"	F
" "	73	9' 0"	M	" "	72	8' 0"	M	" "	72	8' 0"	F
" "	75	8' 0"	F	" "	67	2' 5"	M	" "	71	5' 0"	F
" "	73	5' 0"	M	" "	73	9' 5"	F	" "	76	{8' 3"	F
" "	75	7' 0"	M	" "	72	7' 0"	F	" "	73	{7' 8"	M
" "	70	5' 0"	F	" "	70	2' 1"	M	" "	73	3' 0"	F
" "	68	4' 0"	F	" "	72	9' 0"	M	" "	77	3' 0"	M
" "	70	5' 0"	M	" "	72	8' 5"	M	" "	70	1' 7"	F
" "	72	4' 0"	F	" "	67	6' 0"	F	" "	72	10' 0"	F
" "	74	8' 0"	M	" "	70	5' 5"	F	" "	71	8' 6"	F
" "	68	5' 0"	M	" "	75	8' 4"	M	" "	73	9' 4"	M
" "	70	4' 0"	F	" "	68	4' 0"	M	" "	64	3' 6"	M
" "	70	7' 0"	M	" "	71	6' 0"	M	" "	75	1' 6"	M
" "	76	4' 0"	M	" "	70	3' 6"	M	" "	72	2' 0"	M
" "	77	2' 0"	M	" "	71	4' 5"	M	" "	75	3' 7"	M

Table No. 7.—*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.	
29/12 38	75	4' 11"	F	31/12 38	78	5' 0"	M	1/1 39	75	11' 0"	M
" "	71	5' 3"	F	" "	78	5' 0"	M	" "	73	7' 0"	M
" "	66	6' 6"	M	" "	75	3' 0"	M	" "	67	2' 0"	F
" "	67	7' 0"	M	" "	72	12' 0"	M	" "	69	5' 0"	M
" "	70	4' 0"	M	" "	73	10' 0"	F	" "	69	5' 0"	M
" "	72	3' 6"	F	" "	71	5' 0"	F	" "	75	3' 6"	M
30/12 "	71	4' 0"	F	" "	70	6' 0"	F	" "	73	4' 0"	M
" "	70	2' 0"	F	" "	72	8' 0"	F	" "	70	8' 0"	M
" "	72	7' 0"	M	" "	73	2' 0"	M	" "	73	5' 0"	M
" "	68	6' 0"	M	" "	72	5' 0"	M	" "	75	8' 0"	M
" "	69	3' 0"	F	" "	74	5' 0"	F	" "	76	11' 6"	M
" "	69	1' 0"	F	" "	74	7' 0"	M	" "	75	3' 0"	F
" "	76	3' 0"	F	" "	71	6' 0"	M	" "	75	1' 7"	M
" "	76	5' 0"	M	" "	73	9' 0"	M	" "	73	8' 10"	F
" "	75	5' 0"	M	" "	79	12' 0"	M	" "	72	4' 1"	M
" "	72	4' 0"	F	" "	72	8' 0"	M	" "	70	4' 7"	M
" "	73	5' 0"	M	" "	72	5' 0"	F	" "	67	5' 0"	F
" "	78	6' 0"	M	" "	72	6' 0"	F	" "	72	3' 0"	F
" "	70	8' 0"	F	" "	75	6' 0"	F	2/1 "	67	1' 5"	M
" "	67	5' 0"	M	" "	69	5' 0"	F	" "	66	5' 0"	M
" "	72	2' 0"	M	" "	73	8' 0"	F	" "	75	5' 6"	M
" "	71	8' 0"	M	" "	75	9' 0"	F	" "	72	7' 0"	F
" "	68	4' 0"	M	" "	76	6' 0"	M	" "	74	6' 0"	F
" "	72	8' 0"	M	" "	75	5' 3"	M	" "	71	1' 0"	F
" "	73	4' 0"	M	" "	63	3' 0"	M	" "	75	8' 0"	M
" "	74	7' 8"	F	" "	73	8' 0"	M	" "	74	7' 0"	M
" "	64	6' 0"	M	" "	71	9' 0"	M	" "	71	7' 0"	F
" "	74	10' 0"	F	" "	77	6' 0"	M	" "	64	5' 0"	F
" "	72	8' 0"	M	" "	70	5' 0"	F	" "	75	5' 0"	F
" "	74	6' 0"	M	" "	67	5' 0"	M	" "	75	3' 0"	F
" "	67	5' 0"	F	" "	70	4' 4"	F	" "	75	2' 0"	F
" "	69	0' 3"	M	" "	74	2' 6"	F	" "	76	8' 0"	M
" "	73	7' 0"	F	" "	74	6' 7"	M	" "	76	4' 1"	F
" "	73	8' 8"	M	" "	69	5' 7"	F	" "	74	8' 8"	M
" "	75	9' 8"	M	" "	69	1' 10"	F	" "	67	1' 8"	M
" "	72	4' 8"	F	" "	79	1' 3"	F	" "	70	5' 5"	F
" "	75	3' 8"	F	" "	69	8' 10"	F	" "	70	8' 6"	F
" "	72	10' 0"	F	" "	65	4' 7"	M	" "	72	9' 2"	M
" "	75	9' 0"	F	" "	66	5' 1"	M	" "	71	8' 0"	M
" "	72	8' 0"	M	" "	67	6' 8"	M	" "	72	7' 6"	M
" "	75	8' 0"	M	" "	66	6' 9"	M	" "	71	5' 0"	F
" "	70	5' 5"	M	" "	64	2' 0"	F	" "	74	3' 6"	F
" "	71	2' 6"	M	" "	74	7' 0"	M	" "	66	5' 0"	F
" "	76	4' 0"	F	" "	74	3' 0"	M	" "	71	10' 0"	F
" "	75	8' 10"	F	1/1 39	72	8' 0"	F	" "	69	4' 0"	F
" "	76	9' 8"	M	" "	71	4' 0"	F	3/1 "	75	4' 0"	F
" "	70	7' 3"	M	" "	75	7' 0"	M	" "	70	4' 0"	F
" "	74	6' 1"	F	" "	73	9' 0"	M	" "	72	5' 0"	F
" "	73	5' 5"	M	" "	65	3' 0"	F	" "	79	8' 0"	M
" "	73	4' 11"	M	" "	67	2' 0"	M	" "	75	9' 0"	F
" "	72	13' 11"	F	" "	69	5' 0"	M	" "	73	10' 0"	F
" "	71	7' 3"	M	" "	70	8' 0"	F	" "	73	8' 0"	F
" "	72	7' 0"	M	" "	73	8' 0"	F	" "	75	10' 0"	F
" "	76	7' 6"	M	" "	74	5' 0"	M	" "	68	8' 0"	M
" "	71	3' 0"	F	" "	72	5' 0"	M	" "	68	5' 0"	M
" "	72	6' 0"	M	" "	67	8' 0"	F	" "	70	6' 0"	M
" "	74	7' 0"	F	" "	69	7' 0"	F	" "	74	3' 0"	M
31/12 "	69	7' 0"	M	" "	69	7' 0"	F	" "	77	8' 0"	M

Table No. 7.—*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.	
$\frac{3}{1}$ 39	72	10' 0"	M	$\frac{6}{1}$ 39	70	7' 0"	M	$\frac{7}{1}$ 39	68	5' 6"	F
" "	68	3' 0"	M	" "	72	8' 0"	F	" "	67	4' 4"	F
" "	74	8' 0"	M	" "	76	12' 0"	F	" "	72	4' 8"	M
" "	75	5' 0"	F	" "	68	4' 0"	F	" "	74	4' 11"	M
" "	78	6' 0"	M	" "	70	5' 0"	M	" "	75	7' 7"	F
" "	78	{10' 0"	M	" "	73	6' 0"	F	" "	73	7' 7"	F
" "	78	{10' 0"	F	" "	65	2' 0"	F	" "	73	3' 5"	F
" "	70	5' 0"	M	" "	73	8' 0"	F	" "	65	4' 6"	F
" "	71	4' 0"	M	" "	75	12' 0"	M	" "	73	5' 0"	M
" "	65	4' 8"	F	" "	74	6' 0"	M	" "	73	4' 6"	M
" "	75	9' 10"	F	" "	71	1' 6"	M	" "	68	4' 0"	F
" "	71	7' 0"	F	" "	70	7' 6"	M	" "	76	9' 6"	F
" "	74	5' 0"	F	" "	72	8' 8"	M	" "	75	8' 0"	M
" "	69	9' 6"	M	" "	72	8' 8"	F	$\frac{8}{1}$ "	75	7' 0"	F
" "	66	4' 6"	F	" "	65	4' 8"	M	" "	72	10' 0"	M
$\frac{4}{1}$ "	77	12' 0"	M	" "	76	8' 0"	M	" "	78	2' 0"	F
" "	72	6' 0"	M	" "	72	8' 0"	M	" "	74	2' 0"	M
" "	74	5' 0"	F	" "	71	5' 2"	F	" "	77	3' 0"	M
" "	71	9' 0"	M	" "	78	7' 0"	F	" "	76	8' 0"	F
" "	74	6' 0"	F	" "	75	4' 0"	F	" "	68	8' 0"	F
" "	76	10' 0"	M	" "	64	4' 11"	M	" "	69	10' 0"	F
" "	71	8' 0"	M	" "	71	6' 7"	F	" "	76	4' 0"	M
" "	73	7' 0"	F	" "	72	6' 4"	F	" "	73	9' 0"	M
" "	70	6' 0"	M	" "	77	6' 3"	M	" "	70	6' 0"	F
" "	71	9' 0"	M	" "	64	3' 0"	F	" "	68	8' 7"	F
" "	63	1' 0"		" "	76	10' 0"	M	" "	70	1' 0"	F
" "	72	8' 0"	M	" "	69	9' 6"	M	" "	78	4' 0"	M
" "	75	9' 0"	M	$\frac{7}{1}$ "	72	8' 0"	M	" "	70	6' 10"	F
" "	75	2' 0"	F	" "	67	3' 0"	M	" "	70	{ 6' 0"	M
" "	73	3' 0"	M	" "	65	{ 3' 0"	F	" "	72	{ 8' 0"	F
" "	73	4' 5"	M	" "	67	5' 0"	F	" "	72	6' 0"	M
" "	76	11' 0"	M	" "	67	5' 0"	F	" "	73	5' 0"	F
" "	70	1' 0"	M	" "	61	4' 0"	M	" "	67	6' 8"	M
" "	73	9' 2"	F	" "	65	3' 0"	M	" "	72	7' 7"	M
" "	75	1' 0"	F	" "	66	8' 0"	M	" "	71	10' 6"	M
$\frac{5}{1}$ "	67	3' 0"	M	" "	68	7' 0"	M	" "	73	6' 0"	F
" "	73	3' 0"	M	" "	78	5' 0"	M	" "	76	4' 0"	F
" "	72	8' 0"	M	" "	75	4' 0"	M	" "	74	11' 0"	F
" "	71	9' 0"	F	" "	74	10' 0"	M	" "	72	5' 3"	M
" "	72	9' 0"	M	" "	77	8' 0"	F	" "	72	7' 9"	M
" "	70	4' 0"	M	" "	75	10' 0"	M	$\frac{9}{1}$ "	65	3' 0"	M
" "	72	2' 0"	M	" "	72	8' 0"	F	" "	75	8' 0"	F
" "	70	6' 0"	F	" "	66	4' 3"	F	" "	76	4' 0"	M
" "	68	6' 6"	F	" "	65	4' 6"	M	" "	71	9' 0"	F
" "	73	10' 0"	F	" "	78	8' 4"	M	" "	73	10' 0"	F
" "	70	7' 6"	F	" "	68	4' 7"	F	" "	70	5' 0"	F
" "	70	2' 8"	M	" "	68	3' 0"	F	" "	73	3' 0"	F
" "	71	7' 6"	F	" "	72	8' 8"	M	" "	75	7' 0"	F
" "	73	1' 5"	M	" "	74	4' 6"	F	" "	74	10' 0"	M
" "	68	4' 8"	M	" "	78	6' 0"	F	" "	78	9' 0"	M
" "	74	3' 5"	F	" "	73	11' 0"	F	" "	71	8' 0"	M
" "	72	8' 2"	F	" "	76	3' 0"	F	" "	75	9' 0"	M
" "	74	5' 6"	M	" "	75	3' 0"	F	" "	72	5' 0"	F
" "	70	6' 6"	M	" "	65	6' 4"	M	" "	67	7' 0"	M
" "	72	9' 0"	F	" "	76	2' 4"	F	" "	72	3' 0"	M
$\frac{6}{1}$ "	75	7' 0"	M	" "	77	8' 0"	F	" "	67	3' 0"	M
" "	71	7' 0"	M	" "	62	1' 6"	M	" "	71	6' 0"	F
" "	72	8' 0"	M	" "	75	5' 6"	M	" "	77	1' 5"	M

Table No. 7.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
9/1 39	73	4' 4"	M	10/1 39	72	10' 0"	F	12/1 39	74	2' 0"	M
" "	71	8' 5"	F	" "	71	8' 0"	M	" "	70	8' 0"	M
" "	72	5' 8"	M	" "	70	7' 5"	F	" "	71	5' 0"	M
" "	70	6' 5"	F	" "	74	9' 1"	M	" "	72	5' 0"	M
" "	73	5' 0"	F	" "	67	1' 3"	M	" "	77	8' 0"	M
" "	71	6' 0"	F	" "	75	3' 3"	F	" "	75	2' 0"	M
" "	77	9' 0"	F	" "	74	4' 3"	F	" "	74	9' 0"	M
" "	72	5' 0"	M	" "	70	7' 7"	M	" "	71	5' 0"	M
" "	75	3' 0"	F	" "	75	11' 10"	F	" "	73	0' 3"	F
" "	71	4' 0"	F	" "	67	6' 2"	F	" "	66	7' 0"	M
" "	75	5' 0"	F	" "	75	4' 0"	F	" "	69	1' 0"	M
" "	72	9' 0"	M	11/1 "	73	7' 0"	M	" "	70	10' 0"	M
" "	72	7' 2"	M	" "	77	5' 0"	F	" "	72	9' 0"	M
" "	71	6' 0"	F	" "	74	3' 0"	F	" "	73	6' 0"	F
" "	75	11' 0"	M	" "	73	3' 0"	M	" "	75	1' 0"	F
" "	76	5' 0"	M	" "	70	5' 0"	M	" "	75	9' 0"	F
" "	70	7' 0"	M	" "	69	10' 0"	M	" "	69	2' 0"	F
" "	76	11' 0"	M	" "	69	8' 0"	M	" "	74	4' 0"	M
" "	77	13' 0"	F	" "	70	5' 0"	M	" "	70	6' 0"	F
" "	70	6' 0"	M	" "	74	3' 0"	F	" "	75	6' 0"	F
" "	72	6' 6"	M	" "	74	10' 0"	F	" "	76	4' 6"	M
" "	74	4' 2"	M	" "	73	5' 0"	F	" "	70	8' 6"	F
" "	70	5' 8"	F	" "	75	7' 0"	F	" "	69	2' 0"	M
" "	70	3' 4"	M	" "	81	8' 0"	M	" "	69	3' 0"	M
" "	70	4' 7"	M	" "	75	9' 0"	F	" "	79	10' 0"	M
" "	72	4' 3"	F	" "	67	2' 0"	M	" "	68	4' 0"	F
" "	74	6' 7"	M	" "	64	4' 0"	F	" "	71	4' 9"	M
" "	71	2' 11"	M	" "	74	8' 0"	M	" "	72	5' 2"	F
" "	68	6' 0"	M	" "	70	9' 6"	F	" "	70	6' 8"	M
" "	67	4' 0"	F	" "	73	11' 0"	M	" "	75	7' 5"	M
" "	75	8' 0"	F	" "	68	6' 0"	M	" "	72	8' 6"	M
" "	73	10' 0"	F	" "	70	8' 0"	M	" "	70	4' 7"	M
10/1 "	69	5' 0"	M	" "	63	5' 0"	F	" "	75	9' 6"	F
" "	71	5' 0"	F	" "	75	9' 0"	F	" "	80	6' 6"	M
" "	73	9' 0"	M	" "	75	15' 0"	F	" "	72	5' 0"	M
" "	76	8' 0"	M	" "	75	9' 0"	M	" "	75	4' 0"	F
" "	71	5' 0"	F	" "	72	12' 0"	F	" "	73	3' 0"	M
" "	75	5' 0"	M	" "	65	1' 10"	M	" "	75	10' 0"	M
" "	67	4' 0"	F	" "	72	6' 0"	F	" "	75	8' 0"	F
" "	74	8' 0"	M	" "	74	2' 6"	F	" "	75	6' 0"	M
" "	76	10' 0"	F	" "	71	4' 0"	F	" "	69	3' 0"	F
" "	74	9' 0"	F	" "	74	3' 0"	F	" "	75	7' 0"	F
" "	75	6' 0"	F	" "	73	12' 0"	F	" "	75	11' 0"	M
" "	69	2' 6"	M	" "	73	4' 0"	M	" "	71	7' 9"	F
" "	69	3' 8"	F	" "	75	8' 0"	M	" "	73	2' 0"	M
" "	71	11' 2"	M	" "	70	9' 0"	M	" "	74	4' 1"	M
" "	67	4' 0"	F	" "	72	3' 0"	M	" "	72	6' 9"	M
" "	73	3' 5"	M	" "	71	6' 0"	M	" "	73	8' 4"	M
" "	75	3' 3"	F	" "	72	8' 8"	F	" "	72	5' 6"	M
" "	76	9' 5"	M	" "	73	6' 7"	F	" "	73	13' 9"	M
" "	70	5' 8"	F	" "	73	9' 5"	F	" "	70	5' 3"	M
" "	72	6' 2"	F	" "	71	5' 4"	M	" "	75	6' 11"	F
" "	70	8' 0"	F	" "	79	6' 11"	F	" "	72	6' 3"	F
" "	72	10' 0"	M	" "	67	3' 11"	F	" "	65	3' 7"	F
" "	76	4' 0"	F	" "	67	2' 7"	F	" "	70	4' 10"	M
" "	70	10' 0"	F	" "	70	5' 8"	M	" "	68	5' 0"	F
" "	77	10' 0"	M	" "	64	4' 6"	F	" "	71	6' 0"	F
" "	71	4' 0"	F	" "	66	3' 0"	F	" "	72	8' 0"	F

Table No. 7.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
13/1 39	79	4' 0"	M	14/1 39	80	1' 0"	M	15/1 39	69	4' 0"	M
" "	71	0' 4"	M	" "	74	5' 0"	M	" "	71	12' 0"	F
" "	74	5' 0"	F	" "	67	3' 0"	F	" "	73	7' 0"	M
" "	74	6' 0"	F	" "	73	1' 0"	M	" "	74	7' 0"	M
" "	72	6' 0"	F	" "	75	7' 0"	M	" "	71	2' 0"	M
" "	74	0' 6"	F	" "	75	15' 0"	F	" "	73	3' 0"	F
" "	73	11' 0"	M	" "	76	8' 0"	M	" "	70	4' 0"	M
" "	64	5' 0"	M	" "	72	8' 0"	M	" "	72	3' 0"	M
" "	71	6' 0"	F	" "	73	8' 0"	F	" "	68	4' 0"	F
" "	71	5' 0"	F	" "	71	1' 0"	M	" "	73	7' 0"	M
" "	75	9' 0"	F	" "	68	3' 0"	M	" "	75	5' 2"	F
" "	73	8' 0"	F	" "	74	11' 0"	M	" "	72	1' 0"	F
" "	73	6' 0"	F	" "	71	10' 0"	M	" "	79	11' 1"	M
" "	72	4' 0"	M	" "	76	4' 0"	F	" "	74	1' 5"	M
" "	72	8' 0"	M	" "	76	8' 0"	F	" "	73	10' 6"	M
" "	78	12' 0"	M	" "	74	10' 0"	M	" "	73	7' 5"	M
" "	74	5' 0"	F	" "	69	8' 0"	F	" "	68	1' 8"	F
" "	73	9' 0"	F	" "	72	10' 2"	M	" "	68	7' 10"	M
" "	70	12' 0"	M	" "	78	10' 4"	M	" "	65	3' 11"	F
" "	69	8' 3"	M	" "	76	9' 0"	F	" "	62	4' 0"	M
" "	75	8' 0"	F	" "	68	7' 2"	F	" "	65	5' 6"	F
" "	70	6' 2"	F	" "	72	6' 8"	F	" "	70	5' 0"	F
" "	72	9' 0"	F	" "	75	3' 7"	M	16/1 "	76	8' 3"	M
" "	63	4' 5"	M	" "	72	11' 0"	F	" "	72	9' 0"	M
" "	70	5' 6"	M	" "	67	7' 0"	M	" "	72	3' 0"	F
" "	65	6' 7"	M	" "	74	9' 0"	M	" "	70	6' 0"	M
" "	74	10' 0"	F	" "	73	2' 6"	M	" "	68	4' 0"	F
" "	75	14' 0"	F	" "	75	3' 7"	M	" "	69	3' 0"	F
" "	76	6' 0"	F	" "	76	10' 4"	F	" "	73	5' 0"	F
" "	76	14' 0"	F	" "	75	11' 10"	M	" "	78	6' 0"	M
" "	76	8' 0"	F	" "	74	6' 5"	M	" "	65	7' 0"	F
" "	75	5' 11"	F	" "	70	6' 6"	M	" "	75	10' 0"	F
" "	69	8' 2"	M	" "	76	9' 9"	M	" "	67	2' 0"	M
" "	69	6' 9"	F	" "	67	1' 9"	F	" "	75	10' 0"	M
" "	69	7' 7"	M	" "	69	3' 7"	M	" "	74	8' 0"	F
" "	77	13' 1"	F	" "	71	8' 2"	M	" "	70	6' 0"	M
" "	75	3' 1"	F	" "	69	8' 2"	F	" "	74	4' 0"	F
" "	69	4' 8"	M	" "	71	8' 0"	M	" "	73	4' 0"	M
14/1 "	73	6' 0"	F	" "	75	4' 0"	F	" "	75	5' 0"	F
" "	73	5' 0"	F	15/1 "	78	8' 4"	M	" "	70	4' 0"	F
" "	69	6' 0"	F	" "	67	6' 0"	M	" "	69	3' 0"	M
" "	75	6' 0"	M	" "	74	8' 0"	M	" "	76	11' 0"	F
" "	75	4' 0"	F	" "	76	10' 0"	F	" "	68	7' 3"	M
" "	72	10' 0"	M	" "	73	5' 0"	F	" "	73	11' 0"	M
" "	75	4' 0"	M	" "	73	12' 0"	M	" "	77	12' 0"	F
" "	75	8' 0"	M	" "	73	8' 0"	F	" "	74	4' 5"	F
" "	75	11' 0"	M	" "	69	1' 0"	M	" "	74	4' 10"	F
" "	73	9' 0"	M	" "	73	9' 0"	M	" "	72	7' 2"	M
" "	78	7' 0"	F	" "	75	10' 0"	M	" "	69	5' 1"	F
" "	72	5' 0"	M	" "	76	9' 0"	M	" "	68	5' 8"	F
" "	74	9' 0"	F	" "	76	11' 0"	F	" "	68	2' 9"	F
" "	73	11' 0"	M	" "	72	9' 0"	M	" "	67	4' 11"	F
" "	72	11' 0"	F	" "	67	6' 0"	M	" "	70	2' 6"	F
" "	69	3' 0"	M	" "	72	8' 0"	M	" "	72	9' 6"	F
" "	74	8' 0"	M	" "	75	12' 0"	M	" "	75	9' 0"	M
" "	76	3' 0"	F	" "	70	3' 0"	F	" "	74	10' 0"	M
" "	71	7' 0"	M	" "	73	8' 0"	F	17/1 "	68	3' 0"	M
" "	78	3' 0"	M	" "	75	6' 0"	F	" "	69	6' 0"	M

Table No. 7.—Fin-whale foetuses (cont.).

Date when measured	Length.		Sex.	Date when measured	Length.		Sex.	Date when measured	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
17/1 39	70	10' 0"	M	18/1 39	60	1' 0"	F	19/1 39	68	5' 0"	M
" "	70	4' 0"	F	" "	75	5' 0"	F	" "	72	10' 0"	M
" "	70	6' 0"	M	" "	67	4' 0"	M	" "	72	12' 0"	F
" "	71	9' 0"	M	" "	75	6' 0"	M	20/1 "	75	12' 0"	F
" "	71	2' 0"	M	" "	73	9' 0"	F	" "	68	4' 0"	F
" "	75	12' 0"	M	" "	66	2' 0"	F	" "	67	3' 0"	F
" "	76	3' 0"	F	" "	73	11' 0"	F	" "	70	5' 0"	F
" "	76	6' 0"	F	" "	71	2' 0"	M	" "	71	6' 0"	M
" "	70	12' 0"	M	" "	75	4' 6"	M	" "	70	1' 0"	F
" "	69	2' 0"	M	" "	75	9' 0"	M	" "	73	5' 0"	F
" "	70	9' 0"	M	" "	76	{11' 0"	F	" "	72	11' 0"	F
" "	76	6' 0"	M	" "	76	{11' 0"	F	" "	73	10' 0"	M
" "	75	12' 0"	F	" "	68	7' 0"	F	" "	73	11' 0"	F
" "	77	8' 0"	F	" "	72	8' 7"	M	" "	70	10' 0"	F
" "	63	11' 0"	F	" "	71	11' 6"	M	" "	74	3' 0"	M
" "	72	4' 0"	M	" "	67	5' 4"	F	" "	70	9' 0"	M
" "	80	10' 0"	M	" "	66	3' 11"	F	" "	58	7' 0"	M
" "	75	6' 0"	M	" "	69	5' 7"	F	" "	78	8' 0"	F
" "	72	4' 8"	M	" "	73	2' 2"	M	" "	70	3' 6"	M
" "	75	8' 8"	M	19/1 "	77	4' 3"	F	" "	70	11' 6"	F
" "	70	4' 0"	F	" "	75	7' 0"	M	" "	75	7' 6"	M
" "	73	12' 1"	M	" "	74	9' 0"	F	" "	73	10' 0"	M
" "	70	6' 3"	M	" "	68	2' 0"	F	" "	70	9' 0"	M
" "	70	6' 3"	M	" "	74	10' 0"	M	" "	64	5' 0"	M
" "	73	11' 0"	M	" "	75	6' 0"	M	" "	74	10' 0"	M
" "	74	10' 9"	F	" "	75	9' 0"	F	" "	70	8' 3"	M
" "	75	10' 1"	F	" "	70	8' 0"	M	" "	68	5' 9"	M
" "	71	8' 9"	F	" "	74	10' 0"	F	" "	76	5' 0"	M
" "	65	4' 11"	F	" "	76	11' 0"	F	" "	75	4' 0"	F
" "	70	7' 3"	M	" "	75	7' 0"	F	" "	70	3' 0"	M
" "	72	9' 7"	M	" "	75	11' 5"	F	" "	67	5' 0"	M
" "	66	5' 9"	F	" "	79	8' 0"	M	21/1 "	72	10' 3"	F
" "	69	4' 11"	F	" "	66	4' 0"	M	" "	75	1' 5"	M
" "	72	2' 0"	M	" "	70	12' 0"	M	" "	72	4' 0"	F
18/1 "	74	7' 0"	M	" "	72	11' 0"	M	" "	72	5' 0"	M
" "	77	8' 0"	F	" "	66	5' 0"	M	" "	74	7' 0"	M
" "	77	9' 0"	F	" "	65	6' 0"	M	" "	66	6' 0"	F
" "	75	4' 0"	F	" "	68	4' 0"	M	" "	70	9' 0"	F
" "	72	9' 0"	F	" "	68	{ 9' 0"	M	" "	75	7' 0"	F
" "	72	6' 0"	F	" "	68	{ 9' 0"	M	" "	74	10' 0"	F
" "	70	11' 0"	M	" "	70	6' 0"	M	" "	74	6' 0"	F
" "	68	3' 0"	M	" "	65	6' 0"	F	" "	69	6' 0"	M
" "	70	10' 0"	F	" "	71	3' 0"	M	" "	75	3' 0"	M
" "	72	9' 0"	M	" "	70	9' 0"	F	" "	69	7' 0"	F
" "	72	10' 0"	M	" "	72	3' 0"	M	" "	68	4' 0"	M
" "	71	7' 0"	M	" "	72	9' 0"	F	" "	73	12' 0"	M
" "	72	12' 0"	M	" "	71	4' 0"	F	" "	64	6' 0"	F
" "	77	{4' 6"	F	" "	74	8' 5"	F	" "	73	6' 0"	M
" "	76	{6' 0"	M	" "	72	9' 1"	F	" "	73	4' 0"	M
" "	76	8' 0"	M	" "	67	5' 6"	M	" "	75	4' 0"	F
" "	73	4' 0"	F	" "	71	3' 7"	M	" "	68	3' 0"	F
" "	67	3' 0"	F	" "	78	12' 2"	M	" "	74	12' 0"	F
" "	75	8' 0"	F	" "	75	9' 10"	M	" "	72	12' 0"	M
" "	72	5' 0"	F	" "	66	4' 3"	F	" "	69	5' 0"	F
" "	73	4' 0"	F	" "	71	5' 2"	M	" "	76	10' 0"	F
" "	73	6' 0"	M	" "	70	7' 10"	F	" "	72	5' 3"	F
" "	76	12' 0"	M	" "	71	5' 0"	F	" "	73	8' 0"	F
" "	71	2' 0"	M	" "	74	11' 0"	M	" "	70	10' 0"	F

Table No. 7.—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.	
²¹ / ₁ 39	70	9' 2"	F	²³ / ₁ 39	72	6' 0"	F	²⁴ / ₁ 39	73	9' 0"	F
" "	73	4' 0"	M	" "	70	5' 0"	M	" "	71	11' 0"	F
" "	71	9' 0"	F	" "	73	10' 0"	M	" "	74	10' 0"	M
" "	68	7' 0"	F	" "	72	11' 0"	F	" "	78	6' 6"	F
" "	75	10' 2"	M	" "	75	6' 0"	F	" "	75	{15' 0"	M
" "	74	5' 1"	F	" "	68	10' 0"	F	" "	75	{12' 0"	M
" "	72	10' 6"	M	" "	67	8' 0"	F	" "	73	5' 6"	M
" "	70	8' 6"	F	" "	74	{10' 0"	M	" "	66	4' 2"	M
" "	73	13' 0"	M	" "	74	{12' 0"	F	" "	67	4' 11"	M
" "	74	12' 0"	F	" "	74	6' 2"	F	" "	69	3' 1"	M
²² / ₁	67	4' 0"	M	" "	72	13' 0"	F	" "	69	6' 6"	F
" "	72	11' 0"	M	" "	68	7' 8"	M	" "	75	14' 0"	M
" "	73	10' 0"	F	" "	71	9' 1"	M	" "	71	5' 0"	M
" "	72	6' 0"	F	" "	69	7' 5"	M	" "	76	4' 0"	M
" "	75	8' 0"	F	" "	76	11' 0"	M	" "	70	{6' 0"	M
" "	74	6' 0"	F	" "	71	8' 0"	M	²⁵ / ₁	70	{4' 0"	M
" "	73	8' 0"	F	" "	72	3' 0"	M	" "	72	9' 0"	F
" "	71	7' 0"	M	" "	70	5' 1"	F	" "	71	8' 0"	F
" "	74	10' 0"	F	" "	73	10' 0"	F	" "	77	6' 0"	M
" "	75	6' 0"	F	" "	72	10' 0"	F	" "	70	5' 0"	M
" "	74	11' 0"	M	" "	78	5' 6"	F	" "	75	2' 0"	F
" "	67	6' 0"	F	" "	74	10' 0"	M	" "	72	10' 0"	F
" "	70	9' 0"	M	" "	75	3' 0"	M	" "	67	7' 0"	M
" "	68	12' 0"	F	" "	77	12' 0"	M	" "	70	4' 0"	M
" "	74	6' 0"	M	" "	78	6' 5"	M	" "	71	10' 0"	M
" "	63	14' 0"	F	" "	77	10' 10"	F	" "	74	12' 0"	M
" "	70	13' 2"	F	" "	73	6' 11"	F	" "	71	6' 0"	M
" "	78	11' 0"	M	" "	71	5' 3"	M	" "	77	9' 0"	M
" "	70	4' 6"	F	" "	69	9' 10"	M	" "	65	5' 0"	F
" "	76	11' 0"	F	" "	74	4' 7"	F	" "	73	10' 0"	M
" "	73	6' 7"	F	" "	66	6' 11"	M	" "	72	2' 0"	M
" "	71	9' 4"	M	" "	71	9' 7"	F	" "	72	10' 0"	F
" "	75	1' 7"	M	" "	64	5' 2"	M	" "	75	10' 0"	M
" "	71	3' 3"	M	" "	67	7' 0"	M	" "	75	12' 0"	F
" "	71	1' 4"	F	" "	69	7' 0"	F	" "	74	12' 0"	M
" "	71	6' 7"	F	²⁴ / ₁	73	6' 5"	F	" "	66	3' 6"	F
" "	66	9' 10"	M	" "	68	3' 0"	F	" "	76	4' 0"	F
" "	71	5' 5"	M	" "	70	4' 0"	F	" "	72	6' 10"	M
" "	72	9' 6"	M	" "	69	6' 0"	M	" "	75	2' 7"	F
" "	69	4' 4"	M	" "	69	7' 0"	F	" "	70	3' 5"	M
" "	75	5' 0"	M	" "	65	6' 0"	M	" "	73	7' 3"	F
" "	76	3' 0"	F	" "	75	7' 0"	M	" "	72	8' 0"	M
" "	70	8' 0"	M	" "	75	8' 0"	M	" "	70	10' 0"	M
²³ / ₁	69	3' 2"	M	" "	71	5' 0"	M	" "	71	5' 0"	F
" "	72	8' 0"	M	" "	73	10' 0"	M	" "	77	10' 0"	F
" "	74	9' 0"	F	" "	73	8' 0"	F	²⁶ / ₁	67	4' 0"	F
" "	70	10' 0"	F	" "	76	14' 0"	M	" "	68	4' 0"	F
" "	72	10' 0"	M	" "	72	6' 0"	M	" "	63	1' 0"	F
" "	77	2' 0"	F	" "	67	7' 0"	M	" "	74	11' 0"	F
" "	78	11' 0"	F	" "	71	8' 0"	M	" "	64	5' 0"	F
" "	70	5' 0"	F	" "	74	2' 0"	M	" "	73	2' 0"	F
" "	73	6' 0"	F	" "	75	6' 0"	F	" "	73	6' 0"	F
" "	73	5' 0"	M	" "	73	5' 0"	M	" "	76	5' 0"	M
" "	70	9' 0"	M	" "	76	9' 0"	F	" "	74	12' 0"	M
" "	73	{13' 0"	M	" "	72	9' 0"	M	" "	75	7' 0"	F
" "	68	{13' 0"	M	" "	69	10' 0"	M	" "	73	5' 0"	F
" "	68	6' 0"	F	" "	77	11' 0"	M	" "	69	10' 0"	F
" "	69	8' 0"	M	" "	74	1' 0"	M	" "	68	7' 0"	F

Table No. 7.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
26/1 39	69	6' 0"	F	27/1 39	75	4' 0"	M	29/1 39	71	8' 0"	F
" "	72	9' 0"	F	" "	78	4' 0"	F	" "	70	7' 0"	F
" "	73	8' 0"	M	" "	73	4' 6"	F	" "	72	5' 0"	F
" "	74	3' 6"	F	" "	75	8' 0"	F	" "	73	11' 0"	M
" "	69	5' 0"	M	" "	72	11' 0"	F	" "	69	10' 0"	M
" "	73	10' 0"	M	" "	75	6' 0"	F	" "	75	12' 0"	F
" "	63	4' 0"	M	" "	72	6' 0"	F	" "	69	10' 0"	F
" "	69	7' 0"	M	" "	71	8' 5"	F	" "	69	4' 0"	F
" "	78	10' 0"	F	" "	70	2' 0"	F	" "	70	8' 0"	M
" "	77	4' 0"	F	" "	75	9' 0"	F	" "	70	4' 0"	F
" "	67	5' 0"	F	" "	79	10' 11"	M	" "	70	10' 0"	M
" "	71	10' 0"	F	" "	72	2' 9"	F	" "	71	13' 0"	M
" "	63	4' 0"	F	" "	73	7' 10"	F	" "	71	3' 0"	M
" "	70	10' 0"	M	" "	75	10' 6"	F	" "	72	13' 0"	M
" "	74	8' 0"	M	" "	74	8' 6"	F	" "	73	5' 0"	M
" "	78	10' 6"	F	" "	72	4' 7"	F	" "	74	13' 0"	F
" "	69	5' 0"	F	" "	68	11' 6"	F	" "	74	13' 0"	F
" "	77	5' 0"	F	" "	71	7' 0"	M	" "	71	10' 0"	F
" "	73	4' 0"	M	" "	74	3' 0"	F	" "	72	10' 0"	M
" "	71	7' 0"	F	28/1 "	73	5' 0"	F	" "	73	6' 0"	F
" "	74	7' 0"	M	" "	69	7' 6"	M	" "	63	3' 0"	M
" "	74	3' 8"	M	" "	75	9' 3"	M	" "	75	12' 0"	M
" "	72	8' 9"	M	" "	73	10' 0"	M	" "	75	11' 2"	M
" "	66	3' 11"	M	" "	72	12' 0"	F	" "	73	11' 0"	F
" "	66	4' 7"	F	" "	69	10' 0"	F	" "	71	7' 11"	F
" "	70	3' 7"	M	" "	78	7' 0"	F	" "	68	5' 0"	F
" "	73	9' 2"	M	" "	69	4' 0"	M	" "	73	5' 0"	F
" "	71	4' 5"	F	" "	69	5' 0"	F	" "	72	2' 11"	M
" "	70	8' 4"	M	" "	72	9' 0"	M	" "	72	2' 4"	F
" "	72	11' 6"	F	" "	74	6' 0"	M	" "	69	8' 0"	F
" "	73	6' 10"	M	" "	72	10' 0"	M	" "	72	9' 0"	M
" "	77	3' 6"	M	" "	73	10' 6"	F	" "	74	9' 0"	M
" "	69	7' 0"	F	" "	74	12' 0"	M	" "	70	8' 6"	M
" "	77	9' 0"	F	" "	69	6' 0"	M	" "	64	4' 6"	M
" "	77	6' 0"	M	" "	67	8' 0"	F	" "	61	5' 0"	M
" "	80	7' 0"	M	" "	71	6' 0"	F	" "	74	3' 0"	F
27/1 "	75	3' 4"	M	" "	75	12' 0"	F	30/1 "	73	10' 0"	M
" "	76	3' 0"	F	" "	75	9' 0"	M	" "	70	8' 0"	F
" "	69	6' 0"	M	" "	73	7' 0"	F	" "	75	9' 0"	F
" "	71	6' 7"	M	" "	72	9' 0"	M	" "	73	9' 0"	M
" "	69	10' 0"	M	" "	70	8' 0"	F	" "	68	8' 0"	M
" "	71	10' 0"	F	" "	78	9' 6"	F	" "	69	5' 0"	M
" "	65	4' 0"	M	" "	71	1' 0"	M	" "	72	11' 0"	M
" "	68	9' 0"	M	" "	68	10' 0"	F	" "	74	3' 0"	M
" "	70	4' 0"	M	" "	70	7' 0"	M	" "	71	6' 0"	M
" "	72	4' 0"	M	" "	70	3' 7"	F	" "	69	5' 0"	M
" "	73	11' 0"	M	" "	70	4' 6"	F	" "	71	6' 0"	F
" "	75	10' 0"	M	" "	72	10' 10"	M	" "	71	5' 0"	M
" "	70	6' 0"	F	" "	70	11' 0"	F	" "	75	8' 3"	M
" "	69	2' 0"	F	" "	69	2' 0"	M	" "	76	11' 0"	M
" "	74	1' 0"	F	" "	71	10' 0"	M	" "	67	3' 0"	M
" "		8' 0"	M	" "	70	9' 0"	F	" "	73	13' 0"	M
" "		8' 0"	M	" "	68	8' 6"	F	" "	74	10' 0"	M
" "	74	8' 0"	M	" "	75	15' 0"	M	" "	70	6' 6"	F
" "		8' 0"	M	" "	72	11' 0"	F	" "	75	7' 0"	F
" "	61	4' 0"	M	" "	72	6' 0"	M	" "	75	11' 2"	F
" "	71	10' 0"	M	" "	73	8' 0"	F	" "	72	4' 3"	M
" "	77	10' 0"	F	" "	73	8' 0"	M	" "	73	12' 0"	M

Table No. 7.—*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 / ₁ 39	66	6' 0"	F	¹ / ₂ 39	71	9' 0"	M				
" "	75	7' 6"	M	" "	74	15' 0"	M	¹ / ₂ 39	65	{ 3' 4"	F
" "	72	12' 0"	F	" "	75	11' 0"	M	" "	78	{ 3' 6"	M
" "	67	6' 6"	M	" "	75	11' 0"	F	² / ₂ "	74	10' 0"	F
" "	68	7' 6"	F	" "	75	9' 0"	M	" "	66	3' 0"	F
" "	67	5' 0"	M	" "	75	5' 0"	F	" "	75	5' 0"	M
" "	67	5' 0"	M	" "	74	9' 0"	F	" "	72	9' 0"	M
³¹ / ₁ "	72	8' 0"	F	" "	75	12' 0"	F	" "	75	14' 0"	F
" "	67	5' 3"	F	" "	72	2' 0"	F	" "	74	12' 0"	F
" "	71	10' 0"	F	" "	68	10' 0"	F	" "	78	7' 0"	F
" "	74	10' 0"	M	" "	69	8' 0"	F	" "	76	14' 0"	M
" "	71	15' 0"	M	" "	75	8' 0"	F	" "	71	12' 0"	F
" "	68	6' 0"	F	" "	74	10' 0"	M	" "	78	10' 0"	M
" "	72	8' 0"	F	" "	70	7' 0"	F	" "	75	12' 0"	F
" "	74	5' 0"	F	" "	75	4' 0"	M	" "	70	8' 0"	F
" "	76	12' 0"	M	" "	74	9' 0"	M	" "	74	4' 0"	M
" "	69	10' 0"	M	" "	77	7' 0"	F	" "	74	5' 0"	M
" "	75	5' 0"	M	" "	68	5' 0"	F	" "	73	10' 0"	M
" "	70	5' 0"	M	" "	73	14' 0"	F	" "	72	7' 0"	M
" "	71	6' 0"	M	" "	67	11' 0"	M	" "	77	5' 0"	F
" "	72	8' 0"	M	" "	69	8' 0"	M	" "	74	16' 0"	F
" "	71	9' 0"	M	" "	72	12' 0"	M	" "	73	18' 0"	M
" "	74	1' 0"	F	" "	64	8' 0"	F	" "	75	9' 0"	M
" "	75	10' 0"	M	" "	74	11' 0"	M	" "	73	14' 0"	F
" "	75	6' 0"	M	" "	68	8' 0"	M	" "	75	12' 0"	M
" "	72	12' 0"	M	" "	73	9' 0"	M	" "	73	12' 0"	F
" "	73	5' 0"	F	" "	73	9' 0"	F	" "	74	12' 0"	M
" "	79	12' 0"	M	" "	67	9' 0"	F	" "	73	10' 0"	M
" "	69	11' 0"	F	" "	68	7' 0"	F	" "	77	13' 0"	F
" "	70	8' 0"	M	" "	71	7' 0"	M	" "	72	9' 0"	F
" "	72	4' 0"	M	" "	76	12' 0"	F	" "	73	8' 0"	M
" "	70	11' 0"	F	" "	71	4' 0"	M	" "	74	9' 0"	F
" "	73	5' 0"	M	" "	77	19' 0"	F	" "	75	6' 0"	F
" "	75	5' 0"	F	" "	73	12' 0"	M	" "	77	9' 0"	F
" "	74	13' 0"	M	" "	71	8' 0"	M	" "	76	12' 0"	M
" "	74	1' 0"	M	" "	75	11' 8"	F	" "	75	10' 4"	F
" "	71	12' 7"	F	" "	74	11' 8"	F	" "	71	9' 10"	F
" "	73	4' 0"	M	" "	72	3' 6"	M	" "	69	2' 0"	M
" "	70	6' 6"	M	" "	72	4' 0"	F	" "	68	3' 0"	M
" "	69	5' 0"	M	" "	73	12' 0"	F	" "	73	4' 0"	F
" "	72	7' 6"	F	" "	70	9' 0"	M	" "	75	5' 6"	M
" "	73	10' 0"	F	" "	77	15' 0"	M	" "	68	7' 0"	F
" "	69	9' 4"	M	" "	73	12' 0"	F	" "	72	{ 5' 0"	M
" "	72	8' 8"	F	" "	75	10' 0"	F	" "	72	{ 5' 0"	M
" "	65	5' 2"	F	" "	73	8' 0"	M	" "	77	{ 11' 0"	M
" "	68	10' 0"	M	" "	74	3' 1"	F	" "	77	{ 10' 0"	M
" "	72	8' 6"	F	" "	73	10' 0"	F	" "	74	4' 0"	M
" "	77	9' 0"	F	" "	69	3' 6"	M	" "	74	7' 0"	F
" "	70	2' 0"	M	" "	73	11' 6"	F	" "	75	12' 0"	M
" "	67	10' 0"	M	" "	66	5' 1"	F	" "	75	12' 0"	M
" "	74	5' 0"	F	" "	78	1' 10"	M	" "	72	7' 0"	M
¹ / ₂ "	68	10' 6"	F	" "	70	3' 7"	F	" "	68	3' 0"	F
" "	72	8' 0"	F	" "	70	4' 7"	F	" "	75	10' 0"	M
" "	69	4' 0"	F	" "	77	4' 1"	F	" "	71	10' 0"	F
" "	70	10' 0"	M	" "	69	5' 11"	F	" "	75	8' 0"	M
" "	67	7' 0"	M	" "	76	8' 10"	F	" "	74	12' 0"	M
" "	70	12' 0"	M	" "	69	9' 3"	F	" "	70	9' 5"	F
" "	68	8' 0"	F	" "	75	6' 5"	F	" "	75	10' 0"	F

Table No. 7.—*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.	
$\frac{2}{2}$ 39	75	8' 0"	M	$\frac{3}{2}$ 39	70	8' 2"	F	$\frac{5}{2}$ 39	73	10' 0"	M
" "	74	12' 0"	M	" "	73	10' 8"	F	" "	70	11' 0"	F
" "	70	{ 7' 6"	F	" "	75	13' 9"	F	" "	74	8' 0"	M
" "	75	{ 9' 6"	F	" "	69	2' 6"	F	" "	75	14' 0"	F
" "	79	14' 9"	F	$\frac{4}{2}$ "	65	6' 0"	F	" "	73	7' 0"	M
" "	74	12' 0"	F	" "	73	7' 0"	M	" "	75	12' 0"	F
" "	74	9' 6"	M	" "	71	13' 0"	F	" "	74	6' 0"	F
" "	66	6' 6"	M	" "	72	7' 0"	F	" "	79	10' 0"	M
" "	73	12' 6"	M	" "	70	5' 0"	M	" "	70	9' 0"	F
" "	70	6' 0"	F	" "	74	13' 0"	F	" "	72	10' 0"	F
" "	72	2' 0"	F	" "	75	11' 0"	M	" "	65	3' 0"	M
" "	69	2' 0"	M	" "	69	6' 0"	M	" "	70	5' 0"	M
" "	79	13' 11"	F	" "	70	5' 0"	F	" "	64	1' 0"	M
" "	77	1' 4"	F	" "	75	6' 0"	M	" "	70	5' 0"	F
" "	76	6' 11"	M	" "	74	2' 0"	F	" "	72	7' 0"	M
$\frac{3}{2}$ "	69	8' 0"	M	" "	72	13' 0"	F	" "	72	{ 8' 0"	M
" "	74	11' 0"	F	" "	73	12' 0"	F	" "	72	{ 8' 0"	M
" "	68	3' 6"	M	" "	78	14' 0"	M	" "	72	12' 0"	F
" "	70	4' 0"	F	" "	75	4' 0"	F	" "	71	5' 0"	M
" "	65	7' 0"	F	" "	72	7' 0"	F	" "	72	12' 0"	M
" "	70	3' 0"	F	" "	74	6' 0"	F	" "	72	10' 0"	F
" "	73	13' 0"	F	" "	70	12' 0"	M	" "	76	5' 0"	M
" "	77	14' 0"	M	" "	67	5' 0"	F	" "	67	5' 2"	M
" "	74	5' 0"	M	" "	70	7' 0"	F	" "	73	8' 5"	M
" "	69	9' 0"	F	" "	72	12' 0"	M	" "	68	12' 0"	M
" "	72	3' 0"	M	" "	71	9' 0"	F	" "	71	12' 3"	M
" "	75	6' 0"	M	" "	74	14' 0"	F	" "	64	5' 6"	M
" "	72	{ 12' 0"	M	" "	62	7' 0"	M	" "	72	10' 0"	M
" "	77	{ 12' 0"	M	" "	76	8' 0"	F	" "	68	7' 3"	M
" "	77	11' 0"	F	" "	67	3' 0"	F	" "	72	10' 5"	F
" "	76	5' 0"	M	" "	75	4' 6"	F	" "	76	6' 0"	M
" "	71	4' 0"	F	" "	68	8' 1"	M	" "	75	13' 0"	M
" "	71	9' 0"	F	" "	69	{ 11' 6"	F	" "	73	7' 0"	F
" "	76	9' 0"	F	" "	72	{ 12' 6"	F	" "	77	9' 0"	F
" "	73	13' 0"	F	" "	73	11' 5"	M	" "	73	5' 1"	F
" "	75	10' 0"	F	" "	73	4' 1"	M	" "	74	6' 11"	F
" "	67	5' 0"	F	" "	70	13' 5"	F	" "	76	6' 7"	F
" "	72	5' 0"	F	" "	76	10' 6"	M	" "	71	7' 9"	M
" "	81	10' 0"	F	" "	72	11' 0"	F	" "	72	12' 0"	F
" "	71	3' 0"	F	" "	70	10' 0"	F	" "	79	12' 0"	F
" "	67	10' 0"	M	" "	72	10' 0"	M	" "	76	8' 0"	M
" "	75	11' 0"	M	" "	76	11' 0"	M	" "	72	2' 0"	M
" "	72	8' 0"	F	" "	74	10' 0"	M	" "	67	4' 0"	M
" "	71	2' 0"	F	" "	70	7' 6"	F	$\frac{6}{2}$ "	77	12' 0"	M
" "	69	14' 0"	M	" "	75	14' 6"	F	" "	73	8' 0"	M
" "	73	14' 0"	M	" "	74	9' 0"	F	" "	70	4' 0"	F
" "	69	9' 2"	M	" "	67	6' 6"	F	" "	68	7' 0"	F
" "	71	9' 7"	F	" "	71	12' 0"	M	" "	72	6' 0"	F
" "	73	11' 5"	M	" "	74	9' 0"	M	" "	72	5' 0"	F
" "	70	7' 8"	F	" "	73	11' 0"	M	" "	73	6' 0"	F
" "	65	7' 2"	M	" "	66	5' 3"	F	" "	72	4' 0"	M
" "	75	9' 0"	M	" "	64	5' 6"	F	" "	72	5' 0"	M
" "	76	9' 0"	F	" "	62	6' 6"	F	" "	79	8' 0"	F
" "	76	14' 0"	M	" "	62	4' 0"	F	" "	73	4' 0"	M
" "	71	8' 8"	M	" "	72	12' 0"	M	" "	70	10' 0"	F
" "	67	3' 0"	F	" "	73	5' 0"	M	" "	70	11' 0"	M
" "	70	9' 0"	M	" "	74	11' 0"	M	" "	69	12' 0"	F
" "	74	4' 0"	F	" "	78	3' 0"	F	" "	74	9' 0"	F

Table No. 7.—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.	
6/2 39	70	8' 5"	M	8/2 39	67	3' 0"	F	9/2 39	70	5' 0"	M
" "	71	9' 6"	F	" "	73	12' 0"	F	" "	63	8' 0"	F
" "	74	4' 0"	F	" "	76	10' 5"	F	" "	63	6' 0"	F
" "	77	10' 0"	F	" "	71	8' 0"	M	" "	73	15' 0"	M
" "	75	8' 0"	M	" "	73	8' 6"	M	" "	67	9' 0"	M
" "	74	12' 8"	F	" "	73	14' 6"	F	" "	65	3' 0"	F
" "	70	7' 0"	M	" "	75	12' 6"	F	" "	72	8' 0"	M
" "	81	6' 9"	M	" "	76	2' 11"	M	" "	70	2' 6"	F
" "	68	3' 6"	M	" "	73	7' 1"	F	" "	72	12' 10"	F
" "	74	12' 0"	M	" "	72	11' 0"	M	" "	75	9' 4"	M
" "	70	6' 0"	M	" "	69	11' 6"	F	" "	69	3' 7"	F
" "	75	10' 0"	M	" "	74	10' 6"	M	" "	76	10' 6"	F
7/2 "	71	7' 6"	M	" "	76	9' 6"	F	" "	74	11' 6"	F
" "	63	7' 0"	F	" "	65	9' 1"	F	" "	72	8' 0"	M
" "	74	7' 0"	M	" "	72	6' 7"	F	" "	72	6' 0"	F
" "	70	12' 0"	M	" "	68	11' 1"	F	10/3 "	72	4' 0"	F
" "	77	11' 0"	F	" "	73	11' 11"	F	" "	66	5' 0"	M
" "	73	3' 0"	F	" "	73	3' 7"	F	" "	73	4' 0"	M
" "	69	7' 0"	F	" "	75	11' 2"	F	" "	67	8' 0"	F
" "	72	10' 0"	M	" "	72	6' 9"	M	" "	81	8' 0"	F
" "	70	7' 0"	F	" "	65	1' 0"	M	" "	75	6' 0"	M
" "	70	8' 0"	M	" "	63	3' 6"	F	" "	78	4' 0"	F
" "	73	10' 0"	M	" "	65	6' 0"	M	" "	71	16' 0"	F
" "	75	10' 0"	F	" "	75	11' 6"	M	" "	74	12' 0"	M
" "	70	4' 0"	M	" "	70	8' 0"	M	" "	69	6' 0"	F
" "	79	4' 0"	M	" "	76	9' 0"	F	" "	67	7' 0"	F
" "	69	6' 0"	F	" "	72	10' 0"	M	" "	74	12' 0"	F
" "	72	16' 0"	F	" "	71	8' 0"	M	" "	70	7' 0"	F
" "	76	9' 0"	F	8/2 "	71	10' 0"	F	" "	80	8' 0"	F
" "	68	10' 0"	M	" "	72	3' 0"	M	" "	75	3' 6"	M
" "	65	3' 0"	F	" "	71	9' 0"	M	" "	69	8' 0"	F
" "	63	6' 0"	F	" "	68	2' 0"	M	" "	69	11' 0"	M
" "	71	8' 5"	F	" "	70	7' 0"	F	" "	72	10' 0"	F
" "	74	9' 0"	F	" "	72	13' 0"	F	" "	70	3' 0"	M
" "	68	6' 0"	F	" "	73	10' 0"	M	" "	71	2' 0"	F
" "	73	{ 8' 0"	M	" "	72	12' 0"	F	" "	75	13' 0"	F
" "		{ 10' 0"	F	" "	73	{ 5' 0"	F	" "	70	10' 0"	F
" "	71	2' 6"	M	" "	76	{ 5' 0"	M	" "	70	12' 0"	M
" "	73	8' 0"	M	" "	76	11' 0"	F	" "	70	9' 0"	M
" "	75	9' 0"	F	" "	75	6' 0"	F	" "	73	4' 0"	M
8/2 "	72	6' 0"	F	" "	72	9' 0"	M	" "	73	9' 0"	M
" "	74	9' 0"	M	" "	70	8' 0"	F	" "	75	13' 0"	F
" "	71	7' 0"	M	" "	73	8' 0"	M	" "	71	8' 0"	F
" "	75	6' 0"	F	" "	75	8' 0"	M	" "	74	7' 8"	F
" "	70	3' 0"	F	" "	68	12' 0"	M	" "	68	10' 0"	M
" "	71	{ 12' 0"	F	" "	69	8' 0"	M	" "	72	2' 0"	F
" "		{ 12' 0"	F	" "	68	6' 0"	M	" "	72	10' 0"	F
" "	72	12' 0"	F	" "	67	7' 0"	M	" "	74	3' 2"	F
" "	73	7' 0"	M	" "	72	11' 0"	M	" "	75	4' 11"	F
" "	66	9' 0"	M	" "	71	6' 0"	M	" "	77	11' 4"	F
" "	75	2' 0"	F	" "	72	8' 0"	M	" "	68	2' 9"	F
" "	74	11' 0"	M	" "	72	9' 0"	F	" "	68	9' 10"	M
" "	67	6' 0"	M	" "	69	12' 0"	F	" "	74	7' 10"	F
" "	68	3' 0"	M	" "	69	13' 0"	M	" "	70	5' 11"	F
" "	72	12' 0"	F	" "	67	5' 0"	F	" "	69	6' 7"	M
" "	70	9' 0"	M	" "	74	7' 0"	F	" "	71	6' 7"	F
" "	71	10' 0"	F	" "	77	3' 0"	F	" "	68	3' 3"	M
" "	69	7' 0"	F	" "	73	11' 0"	M	" "	66	6' 9"	M

Table No. 7.—*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.	
10 $\frac{1}{2}$ 39	77	9' 2"	F	12 $\frac{1}{2}$ 39	74	4' 0"	M	14 $\frac{1}{2}$ 39	68	9' 0"	M
" "	68	8' 10"	F	" "	75	2' 0"	M	" "	72	8' 0"	M
" "	74	14' 5"	M	" "	74	7' 0"	F	" "	72	7' 0"	M
" "	75	4' 6"	M	" "	70	14' 0"	M	" "	74	4' 0"	M
" "	76	2' 0"	F	" "	65	5' 0"	M	" "	72	7' 0"	M
" "	71	4' 0"	F	" "	72	9' 0"	F	" "	73	4' 3"	M
" "	75	5' 0"	F	" "	73	8' 0"	M	" "	72	2' 4"	M
11 $\frac{1}{2}$	72	11' 0"	M	" "	76	8' 0"	M	" "	73	5' 9"	M
" "	73	14' 0"	F	" "	77	13' 0"	M	" "	70	8' 6"	F
" "	68	8' 0"	M	" "	75	11' 0"	F	" "	66	9' 5"	M
" "	71	10' 0"	F	" "	75	5' 0"	F	" "	74	11' 0"	F
" "	66	8' 0"	F	" "	75	12' 6"	M	" "	65	7' 6"	M
" "	73	11' 0"	M	" "	71	12' 2"	M	15 $\frac{1}{2}$	72	15' 0"	F
" "	73	14' 0"	F	" "	74	13' 3"	F	" "	72	8' 0"	F
" "	69	6' 0"	M	" "	73	12' 0"	M	" "	69	7' 0"	M
" "	70	10' 0"	F	" "	74	1' 6"	M	" "	71	14' 0"	M
" "	72	13' 0"	M	13 $\frac{1}{2}$	63	12' 0"	F	" "	70	3' 0"	F
" "	70	9' 0"	F	" "	68	10' 0"	M	" "	68	8' 0"	M
" "	74	3' 0"	M	" "	76	7' 0"	F	" "	73	10' 0"	M
" "	74	8' 0"	F	" "	77	14' 0"	M	" "	68	4' 0"	M
" "	69	9' 0"	M	" "	73	6' 0"	M	" "	72	5' 0"	F
" "	77	9' 0"	M	" "	68	8' 0"	M	" "	77	9' 0"	F
" "	70	10' 0"	F	" "	67	10' 0"	M	" "	71	10' 0"	F
" "	71	5' 0"	M	" "	75	5' 0"	F	" "	77	10' 0"	F
" "	71	7' 0"	F	" "	70	4' 0"	M	" "	76	10' 0"	M
" "	73	10' 6"	F	" "	71	7' 0"	M	" "	72	11' 0"	M
" "	70	{ 6' 0"	F	" "	71	10' 0"	F	" "	70	10' 0"	F
" "	72	{ 10' 0"	F	" "	74	14' 0"	F	" "	68	4' 0"	M
" "	69	12' 1"	M	" "	76	12' 0"	M	" "	72	10' 0"	F
" "	75	4' 0"	F	" "	68	10' 0"	M	" "	72	5' 2"	F
" "	75	2' 10"	F	" "	75	9' 0"	F	" "	72	5' 0"	M
" "	72	5' 3"	M	" "	75	9' 7"	M	" "	75	10' 5"	M
" "	69	10' 2"	M	" "	72	7' 0"	M	" "	71	12' 0"	F
" "	72	13' 9"	M	" "	71	5' 0"	M	" "	71	11' 0"	F
" "	67	5' 11"	M	" "	71	10' 8"	F	" "	73	6' 0"	M
" "	68	1' 0"	F	" "	71	12' 8"	M	" "	78	1' 8"	F
" "	71	13' 6"	M	" "	72	14' 7"	F	" "	77	14' 7"	F
" "	75	12' 0"	M	" "	73	{ 11' 2"	F	" "	79	11' 10"	M
" "	74	12' 0"	M	" "	73	{ 12' 8"	F	" "	74	7' 0"	F
" "	71	11' 0"	F	" "	62	6' 0"	M	" "	71	10' 0"	M
" "	69	8' 0"	F	" "	72	2' 0"	M	" "	74	10' 0"	F
" "	77	9' 0"	M	" "	74	8' 0"	F	16 $\frac{1}{2}$	71	10' 0"	F
" "	72	4' 0"	F	" "	74	11' 0"	F	" "	73	16' 0"	M
12 $\frac{1}{2}$	73	8' 6"	M	14 $\frac{1}{2}$	70	2' 0"	M	" "	73	4' 0"	M
" "	68	{ 7' 0"	F	" "	68	10' 0"	M	" "	73	14' 0"	F
" "	74	{ 8' 0"	F	" "	74	11' 0"	F	" "	67	4' 0"	F
" "	74	4' 0"	F	" "	71	5' 0"	M	" "	73	14' 0"	M
" "	74	13' 0"	M	" "	72	9' 0"	F	" "	74	6' 0"	M
" "	70	12' 0"	F	" "	73	15' 0"	M	" "	75	2' 0"	F
" "	75	9' 0"	F	" "	74	5' 0"	M	" "	76	5' 0"	M
" "	65	6' 0"	M	" "	74	7' 0"	M	" "	77	8' 0"	F
" "	70	4' 0"	F	" "	72	9' 0"	M	" "	74	5' 0"	F
" "	70	11' 0"	F	" "	73	9' 0"	M	" "	75	10' 0"	F
" "	69	15' 0"	M	" "	74	12' 0"	M	" "	67	9' 0"	F
" "	68	10' 0"	F	" "	74	14' 0"	M	" "	70	14' 0"	M
" "	75	12' 0"	M	" "	68	8' 3"	F	" "	70	16' 0"	M
" "	72	8' 0"	M	" "	71	13' 0"	F	" "	68	1' 10"	F
" "	75	9' 0"	F	" "	77	9' 0"	F	" "	70	6' 6"	M

Table No. 7.—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.	
16 1/2 39	71	10' 6"	M	18 1/2 39	73	12' 0"	M	19 1/2 39	70	15' 0"	M
" "	69	6' 5"	M	" "	75	11' 0"	F	" "	72	10' 0"	M
" "	74	12' 8"	F	" "	63	9' 0"	M	" "	76	8' 0"	F
" "	74	13' 9"	F	" "	72	14' 0"	M	" "	75	10' 0"	F
" "	78	15' 0"	F	" "	73	8' 0"	M	" "	67	10' 0"	F
" "	72	8' 6"	M	" "	76	12' 0"	F	" "	78	9' 6"	M
" "	71	8' 4"	M	" "	75	6' 0"	M	" "	75	4' 0"	M
" "	72	11' 4"	M	" "	75	10' 0"	M	" "	77	3' 0"	M
" "	74	7' 10"	F	" "	72	9' 0"	M	" "	76	5' 0"	F
" "	74	4' 6"	F	" "	73	14' 0"	M	" "	76	4' 0"	M
" "	75	13' 0"	F	" "	72	15' 0"	F	" "	75	13' 0"	M
" "	75	12' 0"	F	" "	76	8' 0"	F	" "	75	14' 0"	M
" "	75	11' 0"	F	" "	79	8' 0"	F	" "	72	10' 0"	F
" "	68	5' 0"	F	" "	74	7' 0"	F	" "	73	7' 0"	F
" "	73	3' 0"	M	" "	75	11' 5"	M	" "	78	10' 0"	F
17 1/2 "	74	16' 4"	M	" "	72	10' 0"	F	" "	75	13' 0"	M
" "	70	4' 0"	M	" "	75	12' 6"	M	" "	74	11' 6"	M
" "	75	14' 0"	M	" "	74	11' 0"	F	" "	76	13' 5"	F
" "	70	13' 0"	F	" "	72	4' 8"	F	" "	76	3' 1"	M
" "	74	8' 0"	F	" "	73	13' 6"	F	" "	69	12' 0"	M
" "	75	15' 0"	F	" "	68	4' 0"	M	" "	75	12' 6"	M
" "	73	13' 0"	F	" "	65	6' 6"	F	" "	72	4' 0"	F
" "	66	6' 0"	F	" "	66	2' 0"	F	20 1/2 "	72	12' 4"	M
" "	68	8' 0"	F	19 1/2 "	74	1' 0"	M	" "	68	10' 0"	F
" "	73	6' 0"	M	" "	73	11' 0"	M	" "	73	3' 0"	F
" "	68	7' 0"	F	" "	72	7' 0"	F	" "	70	10' 0"	M
" "	68	6' 0"	M	" "	75	2' 0"	M	" "	63	4' 0"	M
" "	72	5' 0"	F	" "	68	6' 0"	M	" "	69	13' 0"	F
" "	68	12' 0"	F	" "	67	5' 0"	F	" "	75	10' 0"	F
" "	75	5' 0"	F	" "	72	14' 0"	M	" "	68	5' 0"	M
" "	75	6' 0"	M	" "	69	3' 0"	F	" "	75	15' 0"	F
" "	72	12' 0"	M	" "	66	2' 0"	F	" "	74	9' 0"	F
" "	72	9' 0"	F	" "	73	12' 0"	M	" "	72	7' 0"	F
" "	70	8' 5"	M	" "	70	11' 0"	M	" "	70	7' 0"	M
" "	64	8' 3"	M	" "	71	9' 0"	F	" "	74	13' 0"	F
" "	73	5' 0"	F	" "	73	8' 0"	M	" "	69	7' 0"	F
" "	73	7' 0"	F	" "	67	6' 0"	M	" "	73	9' 0"	F
" "	70	8' 6"	F	" "	76	10' 0"	F	" "	71	12' 0"	M
" "	72	13' 0"	F	" "	75	15' 0"	F	" "	76	8' 0"	M
" "	74	10' 0"	M	" "	70	7' 0"	F	" "	72	4' 0"	M
" "	73	11' 0"	F	" "	72	13' 0"	M	" "	72	5' 0"	M
" "	75	7' 10"	F	" "	64	7' 0"	M	" "	70	4' 0"	F
" "	69	9' 10"	F	" "	75	7' 6"	M	" "	73	16' 0"	M
" "	69	2' 9"	F	" "	68	9' 0"	F	" "	68	3' 0"	M
" "	74	12' 2"	F	" "	78	10' 6"	M	" "	68	6' 0"	M
" "	65	6' 0"	F	" "	78	11' 0"	F	" "	64	10' 0"	F
" "	74	18' 0"	F	" "	64	9' 6"	F	" "	75	21' 0"	F
" "	68	9' 0"	F	" "	71	10' 0"	M	" "	73	3' 0"	M
" "	77	11' 0"	M	" "	75	2' 0"	M	" "	79	4' 2"	M
" "	77	11' 0"	F	" "	69	6' 0"	M	" "	73	15' 0"	M
" "	72	10' 0"	M	" "	69	13' 0"	F	" "	70	15' 0"	F
18 1/2 "	72	2' 0"	F	" "	69	15' 0"	F	" "	76	11' 0"	F
" "	68	7' 0"	F	" "	70	6' 0"	M	" "	77	5' 0"	M
" "	69	9' 0"	M	" "	72	10' 0"	M	" "	73	10' 0"	F
" "	73	14' 6"	M	" "	77	15' 0"	M	" "	74	9' 0"	M
" "	72	5' 0"	F	" "	77	5' 0"	F	" "	64	8' 0"	M
" "	75	9' 0"	M	" "	70	10' 0"	M	" "	76	13' 1"	F
" "	73	12' 0"	M	" "	80	5' 0"	F	" "	72	11' 6"	F

Table No. i.—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.	
$20\frac{1}{2}$ 39	69	3' 0"	F	$23\frac{1}{2}$ 39	63	11' 0"	F	$23\frac{1}{2}$ 39	69	9' 0"	M
" "	77	7' 9"	M	" "	71	12' 0"	F	" "	76	9' 0"	M
" "	64	5' 0"	F	" "	77	11' 0"	F	$24\frac{1}{2}$ "	63	10' 0"	F
" "	70	4' 6"	M	" "	70	8' 0"	F	" "	70	11' 0"	F
$21\frac{1}{2}$ "	67	8' 0"	M	" "	72	10' 0"	M	" "	72	12' 0"	M
" "	65	10' 0"	M	" "	72	12' 0"	M	" "	70	8' 0"	M
" "	71	5' 0"	M	" "	72	16' 0"	M	" "	75	14' 0"	F
" "	73	10' 0"	M	" "	71	12' 0"	M	" "	75	5' 0"	M
" "	78	13' 0"	M	" "	71	3' 0"	F	" "	75	7' 0"	F
" "	68	8' 0"	F	" "	70	5' 0"	F	" "	73	9' 0"	M
" "	67	10' 0"	F	" "	72	5' 0"	F	" "	73	6' 0"	F
" "	77	14' 0"	M	" "	68	3' 6"	F	" "	76	16' 0"	M
" "	68	13' 0"	M	" "	65	9' 0"	F	" "	73	12' 0"	F
" "	70	7' 0"	M	" "	69	12' 0"	F	" "	72	7' 0"	F
" "	66	14' 0"	M	" "	71	9' 0"	M	" "	71	13' 0"	F
" "	69	11' 0"	F	" "	75	15' 0"	M	" "	71	9' 0"	F
" "	61	5' 0"	M	" "	77	4' 0"	F	" "	70	13' 0"	M
" "	75	11' 0"	M	" "	76	15' 0"	M	" "	76	14' 0"	F
" "	71	8' 0"	F	" "	71	15' 0"	F	" "	76	15' 0"	F
" "	70	7' 0"	F	" "	69	10' 0"	F	" "	75	9' 0"	F
" "	73	8' 0"	M	" "	71	3' 0"	M	" "	72	6' 0"	F
" "	75	12' 0"	M	" "	72	13' 0"	M	" "	69	9' 0"	M
" "	73	14' 0"	F	" "	73	4' 0"	M	" "	75	12' 0"	M
" "	72	9' 0"	M	" "	75	14' 0"	F	" "	73	10' 0"	F
" "	71	14' 0"	M	" "	73	8' 0"	M	" "	69	10' 0"	F
" "	67	11' 0"	M	" "	76	12' 0"	M	" "	73	7' 0"	F
" "	78	7' 0"	F	" "	60	2' 6"	F	" "	73	12' 0"	F
" "	72	10' 0"	M	" "	73	12' 0"	M	" "	71	6' 0"	M
" "	72	8' 6"	M	" "	73	3' 0"	M	" "	78	14' 5"	M
" "	72	11' 0"	M	" "	72	3' 0"	F	" "	68	4' 3"	F
" "	72	12' 0"	F	" "	72	10' 1"	F	" "	72	6' 5"	M
$22\frac{1}{2}$ "	69	11' 0"	F	" "	68	7' 7"	M	" "	70	12' 0"	F
" "	73	12' 0"	M	" "	72	10' 5"	M	" "	71	8' 0"	F
" "	67	2' 0"	F	" "	71	12' 0"	F	" "	80	12' 0"	F
" "	70	4' 0"	M	" "	76	18' 0"	F	" "	73	16' 0"	F
" "	72	14' 0"	M	" "	75	17' 0"	F	" "	78	15' 0"	F
" "	73	5' 0"	M	" "	72	9' 0"	M	" "	67	13' 6"	F
" "	72	9' 0"	F	" "	75	4' 7"	M	" "	70	2' 0"	F
" "	69	12' 0"	M	" "	76	15' 9"	F	" "	69	6' 0"	M
" "	70	10' 0"	F	" "	73	5' 7"	F	" "	71	2' 11"	M
" "	68	8' 0"	F	" "	74	15' 0"	F	" "	75	4' 3"	M
" "	72	10' 0"	F	" "	74	10' 2"	M	" "	65	8' 6"	F
" "	65	4' 6"	F	" "	74	13' 11"	M	" "	66	6' 11"	F
" "	66	4' 0"	M	" "	67	3' 9"	M	" "	80	15' 0"	F
" "	75	6' 0"	M	" "	70	3' 11"	F	" "	68	6' 0"	F
" "	68	8' 0"	F	" "	68	8' 0"	F	" "	74	15' 0"	M
" "	73	14' 0"	M	" "	68	11' 6"	M	" "	74	6' 0"	M
" "	77	3' 0"	F	" "	72	12' 8"	F	" "	74	5' 0"	F
" "	72	10' 0"	M	" "	70	10' 1"	F	$25\frac{1}{2}$ "	72	12' 0"	F
" "	73	15' 0"	F	" "	66	3' 0"	M	" "	66	7' 0"	M
" "	76	2' 9"	F	" "	68	7' 0"	F	" "	68	11' 0"	F
" "	70	8' 8"	M	" "	72	6' 0"	F	" "	78	8' 0"	M
" "	73	8' 0"	M	" "	69	8' 0"	F	" "	74	12' 0"	M
" "	67	9' 0"	M	" "	70	12' 0"	M	" "	73	7' 0"	M
" "	73	2' 0"	M	" "	64	6' 0"	F	" "	70	6' 0"	M
$23\frac{1}{2}$ "	70	4' 6"	M	" "	67	10' 0"	F	" "	77	15' 0"	F
" "	68	3' 0"	M	" "	75	5' 0"	F	" "	75	16' 0"	M
" "	72	7' 0"	M	" "	74	8' 0"	M	" "	77	14' 0"	F

Table No. 7.—Fin-whale foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$25\frac{1}{2}$ 39	74	8' 6"	F	$27\frac{1}{2}$ 39	76	11' 0"	M	$1\frac{1}{3}$ 39	71	7' 0"	F
" "	63	7' 0"	M	" "	75	16' 0"	F	" "	72	15' 6"	F
" "	73	3' 1"	F	" "	70	4' 0"	F	" "	67	8' 1"	M
" "	73	6' 11"	M	" "	68	12' 0"	F	" "	76	14' 5"	F
" "	76	8' 6"	F	" "	77	9' 0"	M	" "	72	18' 2"	M
" "	75	5' 11"	M	" "	70	8' 0"	M	" "	76	14' 3"	M
" "	70	12' 0"	F	" "	71	12' 0"	M	" "	68	11' 0"	M
" "	74	{ 9' 0"	M	$28\frac{1}{2}$ "	73	17' 0"	M	" "	78	7' 0"	F
" "		{ 9' 0"	M	" "	65	8' 0"	F	" "	74	13' 1"	M
$26\frac{1}{2}$ "	73	8' 0"	M	" "	68	10' 0"	F	" "	72	17' 1"	F
" "	70	13' 0"	F	" "	68	8' 0"	M	" "	70	12' 0"	M
" "	75	{ 4' 0"	F	" "	73	18' 0"	M	" "	69	4' 0"	F
" "		{ 4' 0"	M	" "	71	12' 0"	M	" "	69	5' 0"	F
" "	68	10' 0"	F	" "	74	10' 0"	F	" "	77	10' 6"	F
" "	75	10' 0"	F	" "	77	17' 0"	M	" "	77	13' 4"	F
" "	70	8' 0"	M	" "	73	15' 0"	F	" "	76	3' 10"	M
" "	75	10' 0"	F	" "	79	8' 0"	M	" "	69	8' 0"	M
" "	69	12' 0"	M	" "	67	12' 0"	M	" "	75	15' 9"	F
" "	70	12' 0"	M	" "	75	13' 0"	F	" "	72	15' 1"	F
" "	64	5' 0"	F	" "	71	12' 0"	F	" "	75	11' 6"	M
" "	73	12' 0"	M	" "	73	3' 0"	F	" "	69	2' 9"	M
" "	67	14' 0"	M	" "	70	4' 0"	M	" "	69	4' 3"	M
" "	74	6' 0"	M	" "	74	10' 0"	F	" "	66	3' 3"	M
" "	69	5' 0"	F	" "	77	11' 0"	M	$2\frac{1}{3}$ "	78	10' 0"	F
" "	75	10' 0"	M	" "	72	5' 0"	M	" "	70	6' 0"	F
" "	76	12' 3"	F	" "	73	13' 5"	M	" "	68	11' 0"	M
" "	74	9' 8"	M	" "	70	9' 2"	M	" "	73	12' 0"	M
" "	72	6' 0"	M	" "	72	10' 0"	M	" "	75	14' 0"	M
" "	76	6' 0"	F	" "	71	7' 1"	F	" "	67	3' 0"	M
" "	73	9' 0"	F	" "	74	10' 0"	F	" "	69	5' 0"	M
" "	69	7' 9"	M	" "	76	8' 2"	F	" "	64	4' 0"	F
" "	76	4' 9"	M	" "	75	10' 6"	F	" "	75	15' 0"	M
" "	75	7' 0"	F	" "	72	5' 3"	F	" "	64	5' 0"	M
" "	75	7' 0"	F	" "	73	8' 0"	F	" "	73	9' 0"	F
" "	72	14' 0"	M	$1\frac{1}{3}$ "	71	7' 6"	F	" "	75	8' 0"	M
" "	71	10' 0"	F	" "	66	8' 6"	M	" "	73	{ 10' 0"	F
" "	76	11' 6"	M	" "	67	9' 0"	M	" "		{ 12' 0"	M
" "	67	5' 0"	M	" "	73	10' 0"	F	" "	67	8' 0"	M
" "	72	11' 0"	M	" "	76	18' 0"	M	" "	78	12' 0"	F
" "	74	10' 0"	M	" "	71	18' 0"	M	" "	71	11' 0"	F
" "	76	11' 0"	M	" "	68	2' 0"	M	" "	70	5' 0"	F
" "	74	17' 0"	M	" "	72	7' 0"	M	" "	70	7' 0"	M
" "	74	6' 0"	F	" "	72	7' 0"	F	" "	69	14' 0"	M
$27\frac{1}{2}$ "	74	6' 0"	F	" "	74	4' 0"	F	" "	70	11' 0"	M
" "	69	9' 0"	F	" "	71	12' 0"	F	" "	72	3' 0"	F
" "	69	12' 0"	M	" "	70	12' 0"	F	" "	66	9' 0"	M
" "	74	13' 0"	F	" "	66	9' 0"	F	" "	67	11' 0"	M
" "	62	9' 0"	F	" "	70	4' 0"	M	" "	77	5' 0"	M
" "	75	14' 0"	M	" "	72	4' 0"	F	" "	75	12' 0"	M
" "	74	15' 0"	F	" "	70	3' 0"	M	" "	75	15' 0"	M
" "	65	8' 0"	F	" "	71	12' 0"	F	" "	71	9' 0"	F
" "	72	10' 0"	F	" "	74	15' 0"	F	" "	72	12' 0"	F
" "	73	11' 2"	F	" "	74	2' 3"	M	" "	75	18' 0"	F
" "	66	9' 10"	F	" "	73	14' 0"	M	" "	80	8' 0"	F
" "	79	5' 1"	M	" "	72	12' 0"	M	" "	76	15' 0"	F
" "	74	13' 11"	F	" "	80	12' 0"	F	" "	79	8' 0"	M
" "	70	11' 10"	M	" "	72	2' 0"	M	" "	70	6' 0"	F
" "	66	8' 10"	M	" "	72	7' 0"	F	" "	75	6' 0"	F

Table No. 7.—Fin-whale fetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{2}{3}$ 39	76	15' 6"	F	$\frac{3}{3}$ 39	70	9' 0"	M	$\frac{5}{3}$ 39	68	15' 0"	F
" "	67	2' 0"	M	" "	69	6' 6"	F	" "	73	4' 0"	M
" "	75	7' 0"	F	" "	67	13' 0"	M	" "	67	14' 0"	M
" "	77	17' 0"	F	" "	78	12' 0"	M	" "	69	10' 0"	F
" "	76	12' 0"	F	" "	74	6' 0"	M	" "	78	18' 5"	M
" "	70	13' 7"	M	" "	67	10' 0"	M	" "	75	18' 0"	F
" "	74	5' 0"	M	" "	70	14' 0"	F	" "	79	13' 5"	F
" "	73	10' 1"	F	" "	74	16' 0"	M	" "	69	15' 11"	F
" "	69	9' 0"	F	" "	69	6' 0"	M	" "	73	7' 7"	M
" "	69	8' 0"	M	$\frac{4}{3}$ "	73	14' 0"	M	" "	71	10' 6"	M
" "	79	14' 0"	M	" "	73	10' 0"	F	" "	72	14' 3"	F
" "	75	1' 5"	M	" "	76	14' 0"	M	" "	70	9' 0"	F
" "	73	6' 9"	M	" "	68	4' 0"	M	" "	66	10' 0"	F
" "	76	16' 11"	M	" "	67	9' 0"	M	" "	74	14' 0"	F
" "	69	6' 9"	F	" "	70	12' 0"	F	$\frac{6}{3}$ "	79	12' 7"	F
" "	71	11' 6"	M	" "	72	11' 0"	M	" "	75	11' 0"	F
" "	72	5' 3"	M	" "	76	12' 0"	M	" "	75	12' 0"	M
" "	75	12' 8"	M	" "	71	11' 0"	F	" "	71	9' 0"	F
" "	71	8' 4"	M	" "	75	15' 0"	F	" "	74	12' 0"	M
" "	66	10' 8"	M	" "	63	14' 0"	M	" "	75	6' 0"	M
" "	72	9' 0"	M	" "	66	8' 0"	M	" "	75	11' 0"	M
" "	74	6' 0"	M	" "	75	10' 0"	M	" "	77	12' 0"	F
" "	75	15' 0"	F	" "	72	16' 6"	F	" "	72	10' 0"	M
" "	74	11' 0"	F	" "	74	5' 0"	M	" "	76	12' 0"	M
$\frac{3}{3}$ "	68	10' 0"	M	" "	73	12' 0"	M	" "	67	5' 0"	F
" "	69	14' 0"	M	" "	76	12' 0"	M	" "	70	17' 0"	M
" "	71	13' 0"	F	" "	78	7' 0"	F	" "	73	12' 0"	F
" "	63	4' 0"	M	" "	76	11' 0"	M	" "	73	3' 0"	F
" "	72	13' 0"	F	" "	75	18' 0"	M	" "	74	4' 0"	M
" "	69	9' 0"	M	" "	76	12' 0"	M	" "	75	12' 0"	M
" "	72	14' 0"	F	" "	69	9' 0"	M	" "	75	6' 0"	M
" "	72	10' 0"	M	" "	78	7' 0"	F	" "	73	17' 0"	F
" "	73	15' 0"	F	" "	74	8' 0"	F	" "	79	11' 0"	M
" "	66	2' 0"	F	" "	71	13' 0"	M	" "	77	4' 0"	F
" "	62	1' 3"	M	" "	78	13' 7"	M	" "	67	8' 0"	M
" "	71	7' 0"	F	" "	73	13' 5"	M	" "	77	8' 0"	M
" "	77	8' 0"	M	" "	75	11' 0"	M	" "	69	7' 0"	F
" "	75	8' 6"	F	" "	75	16' 3"	M	" "	77	18' 0"	F
" "	69	12' 0"	F	" "	77	2' 2"	M	" "	72	13' 0"	M
" "	75	7' 0"	M	" "	71	9' 5"	F	" "	77	17' 0"	M
" "	74	12' 0"	M	" "	70	5' 11"	M	" "	73	18' 0"	F
" "	72	15' 0"	F	" "	77	13' 5"	F	" "	70	17' 0"	F
" "	77	13' 0"	F	" "	74	12' 8"	M	" "	70	13' 2"	F
" "	77	7' 0"	F	" "	69	14' 0"	F	" "	76	13' 0"	F
" "	67	3' 0"	M	" "	76	10' 0"	F	" "	76	20' 0"	F
" "	74	11' 0"	F	" "	65	5' 0"	F	" "	70	7' 0"	F
" "	75	12' 6"	F	$\frac{5}{3}$ "	78	6' 0"	F	" "	72	4' 0"	F
" "	73	8' 6"	F	" "	66	12' 0"	F	" "	71	9' 0"	F
" "	72	6' 3"	M	" "	71	7' 0"	F	" "	76	11' 0"	M
" "	65	6' 11"	M	" "	73	3' 0"	M	" "	71	7' 5"	M
" "	74	10' 0"	F	" "	72	10' 0"	F	" "	67	13' 1"	M
" "	74	10' 6"	M	" "	72	18' 0"	F	" "	68	5' 6"	M
" "	72	8' 2"	F	" "	76	15' 0"	M	" "	73	9' 0"	M
" "	74	14' 9"	M	" "	68	8' 0"	F	" "	75	12' 0"	M
" "	73	8' 0"	M	" "	72	13' 0"	F	" "	73	12' 0"	M
" "	71	10' 6"	M	" "	70	18' 0"	F	" "	74	15' 0"	M
" "	70	4' 9"	M	" "	71	5' 0"	M	$\frac{7}{3}$ "	74	8' 0"	F
" "	64	7' 5"	F	" "	75	8' 0"	F	" "	69	13' 0"	M

Table No. 7.—*Fin-whale foetuses* (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
7/3 39	70	14' 0"	M	9/3 39	73	13' 0"	M	14/3 39	75	10' 0"	F
" "	68	2' 0"	F	" "	67	3' 5"	F	" "	70	8' 11"	F
" "	74	10' 0"	F	" "	65	10' 0"	M	" "	60	8' 8"	F
" "	80	16' 0"	F	" "	72	14' 0"	M	" "	75	10' 2"	M
" "	73	13' 11"	M	" "	" "	" "	" "	" "	" "	" "	" "
" "	75	13' 3"	F	11/3 "	76	15' 0"	M	" "	68	2' 1"	M
" "	71	8' 4"	F	" "	" "	14' 0"	M	" "	" "	8' 2"	M
" "	73	4' 6"	F	12/3 "	66	8' 0"	F	" "	" "	9' 11"	M
" "	73	4' 6"	F	" "	71	9' 0"	M	" "	72	13' 8"	M
" "	68	9' 0"	M	" "	66	9' 0"	F	16/3 "	70	14' 0"	F
8/3 "	64	5' 0"	M	" "	77	17' 0"	F	" "	74	12' 0"	F
" "	66	9' 6"	M	" "	75	13' 0"	M	18/3 "	70	4' 6"	F
" "	71	7' 0"	F	13/3 "	73	15' 0"	M	" "	74	12' 0"	F
" "	75	7' 0"	M	" "	72	3' 0"	F	21/3 "	73	18' 0"	M
" "	70	10' 0"	F	" "	70	14' 0"	M	28/3 "	72	13' 0"	F
" "	73	10' 10"	F	14/3 "	76	15' 0"	F	29/3 "	72	16' 6"	M
" "				" "	" "	" "	" "	4/4 "	" "	" "	" "

Total 3 408 fin-whale foetuses, of which 1,758 males and 1,641 females. Sex was not stated for 9 foetuses. Of the 3,399 foetuses for which sex was stated, 51.72 per cent were males and 48.28 per cent females.

3. Humpback foetuses

measured in the Southern Seas in the season 1938/39.

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.	
8/11 38	42	0' 3"	M	22/11 38	46	1' 6"	M	3/12 38	46	0' 10"	M
" "	42	1' 1"	M	23/11 "	46	1' 5"	F	" "	42	1' 6"	M
10/11 "	46	6' 0"	M	" "	38	1' 3"	M	" "	45	1' 0"	F
" "	47	1' 0"	M	" "	37	1' 0"	M	4/12 "	40	1' 0"	M
" "	41	0' 6"	M	24/11 "	43	0' 5"	M	" "	45	1' 6"	F
11/11 "	45	1' 0"	M	" "	45	1' 1"	M	5/12 "	47	2' 0"	M
" "	47	0' 10"	M	25/11 "	46	0' 6"	M	" "	45	1' 6"	M
12/11 "	46	0' 7"	M	" "	41	1' 0"	F	6/12 "	42	1' 3"	F
" "	43	1' 0"	M	29/11 "	38	1' 0"	M	" "	40	1' 6"	M
13/11 "	40	6' 0"	M	" "	47	1' 6"	M	" "	42	2' 3"	F
" "	40	4' 0"	M	" "	43	0' 6"	M	" "	40	1' 0"	M
" "	42	0' 6"	M	" "	42	0' 4"	M	" "	43	1' 4"	M
14/11 "	45	0' 8"	M	" "	43	1' 0"	M	" "	45	1' 10"	M
" "	46	0' 10"	M	" "	45	1' 0"	M	" "	41	0' 4"	F
15/11 "	38	2' 6"	M	1/12 "	45	0' 10"	F	" "	45	2' 0"	M
16/11 "	41	1' 0"	F	" "	48	1' 2"	F	7/12 "	43	2' 1"	M
" "	38	8' 0"	M	" "	41	0' 11"	M	" "	46	1' 1"	M
17/11 "	45	0' 6"	M	2/12 "	42	0' 8"	M	" "	47	7' 5"	M
19/11 "	45	0' 6"	F	" "	40	1' 0"	M	" "	37	1' 4"	F
20/11 "	45	2' 0"	M	" "	42	1' 0"	F	" "	45	2' 0"	M
" "	45	1' 0"	M	" "	45	0' 6"	M	" "	40	0' 8"	F
21/11 "	50	1' 6"	F	" "	40	1' 0"	F	" "	42	1' 8"	F
" "	46	1' 5"	M	" "	41	1' 4"	M	" "	41	2' 0"	F
" "	46	1' 3"	M	3/12 "	46	1' 2"	M	" "	43	0' 11"	M
" "	41	1' 0"	M	" "	42	0' 6"	F	8/12 "	45	1' 3"	M

Table No. 7.—Humpback 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.	
8 ¹ / ₁₂ 38	40	0' 10"	M	23 ¹ / ₁₂ 38	43	3' 0"	M	6 ¹ / ₁ 39	39	1' 9"	M
9 ¹ / ₁₂ ..	43	1' 2"	M	.. ..	40	1' 0"	M	.. ..	41	2' 8"	F
.. ..	38	0' 11"	M	.. ..	42	1' 7"	M	.. ..	42	1' 11"	M
10 ¹ / ₁₂ ..	46	2' 2"	M	.. ..	36	0' 7"	M	.. ..	48	0' 8"	M
.. ..	48	1' 5"	M	.. ..	40	2' 0"	F	.. ..	45	1' 2"	M
.. ..	43	1' 6"	M	.. ..	35	1' 2"	F	.. ..	42	2' 0"	F
.. ..	43	1' 3"	M	.. ..	37	0' 6"	M	.. ..	41	1' 11"	M
11 ¹ / ₁₂ ..	43	1' 0"	M	.. ..	42	2' 2"	M	.. ..	42	1' 5"	M
.. ..	40	1' 7"	F	.. ..	43	1' 5"	F	.. ..	47	2' 5"	M
.. ..	41	1' 4"	M	.. ..	42	1' 8"	F	7 ¹ / ₁ ..	36	2' 2"	M
.. ..	41	1' 0"	M	.. ..	43	1' 5"	F	.. ..	40	1' 6"	M
12 ¹ / ₁₂ ..	40	2' 6"	F	.. ..	43	1' 8"	M	.. ..	44	2' 10"	M
.. ..	47	2' 4"	F	.. ..	36	1' 7"	M	9 ¹ / ₁ ..	37	2' 1"	M
.. ..	41	1' 2"	M	24 ¹ / ₁₂ ..	45	1' 0"	F	.. ..	43	3' 0"	F
.. ..	41	1' 2"	M	.. ..	45	0' 5"	F	.. ..	40	2' 0"	M
.. ..	37	0' 8"	M	.. ..	43	1' 3"	F	10 ¹ / ₁ ..	40	1' 2"	M
13 ¹ / ₁₂ ..	45	1' 2"	F	.. ..	42	1' 0"	M	11 ¹ / ₁ ..	45	1' 8"	M
.. ..	40	1' 0"	M	.. ..	48	1' 6"	M	.. ..	39	1' 6"	M
14 ¹ / ₁₂ ..	41	1' 6"	F	.. ..	41	1' 2"	M	13 ¹ / ₁ ..	42	2' 0"	F
.. ..	38	1' 0"	F	.. ..	43	2' 1"	F	.. ..	44	2' 0"	F
.. ..	41	1' 6"	F	25 ¹ / ₁₂ ..	40	1' 1"	M	.. ..	40	0' 6"	F
.. ..	42	0' 10"	F	26 ¹ / ₁₂ ..	37	6' 5"	M	14 ¹ / ₁ ..	37	2' 0"	F
.. ..	48	0' 8"	F	.. ..	45	1' 0"	M	15 ¹ / ₁ ..	36	1' 6"	M
16 ¹ / ₁₂ ..	41	1' 2"	M	27 ¹ / ₁₂ ..	39	1' 5"	F	.. ..	43	0' 4"	M
.. ..	42	1' 0"	M	.. ..	45	1' 7"	M	.. ..	42	0' 5"	F
.. ..	41	1' 8"	F	.. ..	40	2' 2"	M	16 ¹ / ₁ ..	40	2' 0"	F
.. ..	42	1' 5"	F	28 ¹ / ₁₂ ..	40	1' 6"	M	.. ..	44	4' 0"	M
.. ..	47	0' 4"	F	.. ..	47	1' 10"	F	.. ..	39	2' 5"	F
.. ..	42	2' 0"	M	.. ..	44	1' 10"	M	17 ¹ / ₁ ..	39	3' 2"	M
.. ..	44	1' 0"	F	.. ..	39	1' 8"	F	.. ..	45	2' 4"	M
18 ¹ / ₁₂ ..	42	2' 0"	F	.. ..	43	2' 2"	M	.. ..	42	3' 0"	M
.. ..	48	1' 6"	M	.. ..	42	2' 4"	F	.. ..	40	2' 0"	M
.. ..	45	1' 1"	M	.. ..	41	0' 8"	F	.. ..	43	2' 0"	M
19 ¹ / ₁₂ ..	43	2' 6"	M	.. ..	40	1' 5"	M	19 ¹ / ₁ ..	44	0' 11"	F
.. ..	42	2' 5"	F	.. ..	43	0' 8"	M	23 ¹ / ₁ ..	48	3' 0"	F
.. ..	39	1' 5"	F	.. ..	44	1' 5"	F	24 ¹ / ₁ ..	46	4' 0"	M
.. ..	44	1' 8"	M	29 ¹ / ₁₂ ..	40	0' 8"	F	25 ¹ / ₁ ..	42	2' 0"	F
20 ¹ / ₁₂ ..	41	1' 3"	M	.. ..	44	1' 6"	M	2 ¹ / ₂ ..	40	3' 5"	M
.. ..	43	2' 5"	F	.. ..	40	1' 1"	M	4 ¹ / ₂ ..	45	4' 0"	F
.. ..	45	2' 0"	M	.. ..	44	1' 6"	M	.. ..	37	3' 0"	M
21 ¹ / ₁₂ ..	44	1' 3"	F	.. ..	42	2' 5"	F	.. ..	50	4' 0"	M
.. ..	45	1' 5"	F	.. ..	45	1' 2"	F	5 ¹ / ₂ ..	41	3' 1"	F
.. ..	41	1' 8"	M	30 ¹ / ₁₂ ..	42	1' 6"	M	.. ..	44	2' 11"	M
22 ¹ / ₁₂ ..	40	1' 0"	M	.. ..	43	1' 5"	F	.. ..	42	3' 1"	F
.. ..	45	2' 0"	M	31 ¹ / ₁₂ ..	45	1' 0"	M	.. ..	42	1' 8"	M
.. ..	45	2' 0"	F	5 ¹ / ₁ 39	43	1' 8"	M	.. ..	45	2' 4"	M
.. ..	38	1' 2"	M	.. ..	47	0' 5"	M	.. ..	41	3' 1"	F
.. ..	40	1' 10"	F	.. ..	39	2' 3"	F	6 ¹ / ₂ ..	41	1' 6"	M
23 ¹ / ₁₂ ..	39	4' 0"	M	.. ..	46	1' 0"	M	7 ¹ / ₂ ..	41	3' 8"	F
.. ..	43	1' 7"	M	.. ..	41	1' 11"	M	.. ..	47	1' 1"	F
.. ..	42	1' 0"	F	.. ..	39	2' 4"	M	8 ¹ / ₂ ..	45	2' 4"	F
.. ..	45	1' 5"	F	.. ..	39	1' 5"	M	.. ..		

Total 230 humpback fetuses, of which 146 males and 80 females. Sex was not stated for 4 fetuses. Of the 226 fetuses, for which sex was stated, 64.60 per cent were males and 35.40 per cent females.

Table No. 7— (continued).

4. Sei-whale foetuses
measured in the Southern Seas in the season 1938/39.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{3}{3}$ 39	50	4' 0"	M	$\frac{4}{3}$ 39	52	8' 0"	F	$\frac{31}{3}$ 39	48	5' 0"	M
" "	56	10' 2"	F	$\frac{28}{3}$ "	54	8' 0"	F	" "	54	7' 0"	F
$\frac{4}{3}$ "	53	10' 0"	F	$\frac{31}{3}$ "	51	7' 0"	M				

Total 8 sei-whale foetuses, of which 3 males and 5 females, or 37.50 per cent males and 62.50 per cent females.

Table No. 8.—Size of pregnant whale females caught in the Southern Seas in the season 1938/39.

1. Blue-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		
68	1	84	193	Number of foetuses measured 2,127 of which twin-pairs 15
69	—	85	222	
70	1	86	206	
71	—	87	151	
72	5	88	137	
73	9	89	89	
74	19	90	91	
75	28	91	31	
76	34	92	28	
77	45	93	12	
78	65	94	10	
79	74	95	2	
80	149	96	4	
81	143			
82	153			
83	210			
		Total	2,112	

Total number of blue-whale females measured = 7,014, of which pregnant animals 2,112, or 30.11 per cent. Total number of mature blue-whale females (above 76 feet) measured = 4,599, of which pregnant animals = 2,015, or 43.81 per cent.

2. Fin-whale females.

58	2	71	297	Number of foetuses measured 3,408 of which twin-pairs 40 " " triples 2 " " four at a birth . 1
59	—	72	454	
60	3	73	399	
61	6	74	313	
62	10	75	380	
63	26	76	190	
64	39	77	111	
65	60	78	64	
66	73	79	30	
67	141	80	14	
68	189	81	5	
69	201			
70	354			
		Total	3,361	

Total number of fin-whale females caught = 9,750, of which pregnant animals 3,361, or 34.47 per cent. Total number of mature fin-whale females (above 64 feet) killed = 7,490, of which pregnant animals = 3,275, or 43.72 per cent.

Table No. 8 (continued).

3. Humpback females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of foetuses measured
Engl. feet.		Engl. feet.		230
35	1	44	12	Total number of humpback females caught=617, of which pregnant animals 230 or 37.28 per cent. Total number of mature humpback females (above 40 feet) killed = 312, of which pregnant animals = 170 or 54.49 per cent.
36	4	45	36	
37	8	46	14	
38	7	47	11	
39	11	48	7	
40	29	49	—	
41	27	50	2	
42	34			
43	27	Total	230	

4. Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of foetuses measured
48	1	54	2	8
49	—	55	—	
50	1	56	1	
51	1			
52	1			
53	1	Total	8	

Table No. 9.—Whale foetuses, by species and groups of size, in each month.

I. Blue-whale foetuses

measured in the Southern Seas in the season 1933/39.

Groups of size.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.						
Less than 1'	3	4	1	—	—	8
1'—1' 11"	4	11	5	1	—	21
2'—2' 11"	22	38	9	2	—	71
3'—3' 11"	26	68	22	1	—	117
4'—4' 11"	27	95	38	10	—	170
5'—5' 11"	24	134	61	11	—	230
6'—6' 11"	21	153	80	16	1	271
7'—7' 11"	11	99	80	15	1	206
8'—8' 11"	6	93	85	26	6	216
9'—9' 11"	1	59	66	21	5	152
10'—10' 11"	—	57	67	21	6	151
11'—11' 11"	—	18	41	22	1	82
12'—12' 11"	—	22	62	31	5	120
13'—13' 11"	—	13	26	27	4	70
14'—14' 11"	—	9	38	25	4	76
15'—15' 11"	—	4	17	29	7	57
16'—16' 11"	—	3	8	11	6	28
17'—17' 11"	—	1	7	12	5	25
18'—18' 11"	—	—	5	11	6	22
19'—19' 11"	—	—	1	5	4	10
20'—20' 11"	—	1	1	5	5	12
21'—21' 11"	—	—	—	1	2	3
22'—22' 11"	—	—	—	2	1	3
23'—23' 11"	—	—	—	3	2	5
24'—24' 11"	—	—	—	1	—	1
Total blue-whale foetuses	145	882	720	309	71	2,127
Average size of foetuses	4' 5"	6' 7"	8' 9"	11' 9"	14' 7"	8' 2"

Table No. 9 (continued).

2. Fin-whale foetuses

measured in the Southern Seas in the season 1938/39.

Groups of size.	Oct.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.							
Less than 1'	2	4	14	3	-	-	23
1'—1' 11"	1	6	25	35	9	2	78
2'—2' 11"	6	11	71	46	35	9	178
3'—3' 11"	2	18	99	97	55	10	281
4'—4' 11"	-	9	103	135	68	15	330
5'—5' 11"	1	5	142	140	80	14	382
6'—6' 11"	-	2	114	138	78	14	346
7'—7' 11"	-	1	88	90	86	21	286
8'—8' 11"	-	1	75	139	112	26	353
9'—9' 11"	-	-	29	101	103	21	254
10'—10' 11"	-	-	16	114	123	26	279
11'—11' 11"	-	-	4	60	78	17	159
12'—12' 11"	-	-	3	44	113	35	195
13'—13' 11"	-	-	1	15	47	24	87
14'—14' 11"	-	-	1	5	47	22	75
15'—15' 11"	-	-	-	5	30	19	54
16'—16' 11"	-	-	-	-	11	6	17
17'—17' 11"	-	-	-	-	4	7	11
18'—18' 11"	-	-	1	-	4	12	17
19'—19' 11"	-	-	-	-	1	-	1
20'—20' 11"	-	-	-	-	-	1	1
21'—21' 11"	-	-	-	-	1	-	1
Total fin-whale foetuses	12	57	786	1,167	1,085	301	3,408
Average size of foetuses	2' 4"	3' 2"	5' 3"	6' 10"	8' 8"	10' 2"	7' 3"

3. Humpback foetuses

measured in the Southern Seas in the season 1938/39.

Groups of size.	Nov.	Dec.	Jan.	Febr.	Total.
Engl. feet.					
Less than 1'	13	21	6	-	40
1'—1' 11"	20	84	14	3	121
2'—2' 11"	2	24	18	3	47
3'—3' 11"	-	1	4	6	11
4'—4' 11"	1	1	2	2	6
5'—5' 11"	-	-	-	-	-
6'—6' 11"	2	1	-	-	3
7'—7' 11"	-	1	-	-	1
8'—8' 11"	1	-	-	-	1
9'—9' 11"	-	-	-	-	-
10'—10' 11"	-	-	-	-	-
Total humpback foetuses	39	133	44	14	230
Average size of foetuses	1' 6"	1' 6"	1' 11"	2' 10"	1' 7"

Table No. 9 (continued).

4. Sei-whale foetuses
measured in the Southern Seas in the season 1938/39.

Groups of size.	March.	Total.
Engl. feet.		
Less than 4'	—	—
4'— 4' 11"	1	1
5'— 5' 11"	1	1
6'— 6' 11"	—	—
7'— 7' 11"	2	2
8'— 8' 11"	2	2
9'— 9' 11"	—	—
10'—10' 11"	2	2
Total sei-whale foetuses	8	8
Average size of foetuses	7' 5"	7' 5"

**Table 10.—Whale foetuses, by species and sex, in each month
in the season 1938/39.**

Kind of foetuses and months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	Males.	Females.			
1. Blue-whale foetuses.					
November	82	60	3	145	137
December	474	406	2	882	117
January	402	316	2	720	127
February	153	155	1	309	99
March	31	40	—	71	78
Total	1,142	977	8	2,127	117
2. Fin-whale foetuses.					
October	4	7	1	12	57
November	29	28	—	57	104
December	420	364	2	786	115
January	615	548	4	1,167	112
February	530	554	1	1,085	96
March	160	140	1	301	114
Total	1,758	1,641	9	3,408	107
3. Humpback foetuses.					
November	34	5	—	39	680
December	76	54	3	133	141
January	29	14	1	44	207
February	7	7	—	14	100
Total	146	80	4	230	183

