

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL  
WHALING STATISTICS

VIII

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS  
APPOINTED BY THE NORWEGIAN GOVERNMENT



OSLO 1937

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## PREFACE

Mr. HARALD B. PAULSEN, Secretary of The Association of Whaling Companies, has been nominated member of the committee in charge of the International Whaling Statistics. Mr. Paulsen has compiled the tables for the season 1935-36.

The committee has resolved to publish separate figures for the whaling in the Antarctic for the season 1935-36. In order to be able to present this statistics at an earlier date than in former years, the statistics for the whaling in other parts of the world will be published in spring 1937 together with the principal figures for the whaling in the Antarctic, thus giving a complete survey of the whaling for the summer 1936 and the season in the Antarctic 1935-36.

Oslo, January 6, 1937.

*Gunnar Jahn.*

*Johan Hjort.*

*Harald B. Paulsen.*



# INTRODUCTION

## WHALING IN ANTARCTIC 1935-36

As mentioned in International Whaling Statistics VII a production agreement for the season 1935-36 was entered into by altogether 22 whaling companies. Outside the agreement remained 8 companies. The Norwegian companies not adhering to the production agreement had quotas allotted to them by the Norwegian Government. Three foreign companies, viz. The Kerguelen Sealing & Whaling Co. Ltd., The Southern Whaling & Sealing Co. Ltd., and Hektoría Limited, did not adhere to the production agreement, but accepted the catching period December 1, 1935 to March 15, 1936. The Southern Whaling & Sealing Co. Ltd. stated that the two expeditions of the company would not produce beyond a specified quantity. The catching of the two other companies was only restricted to the period December 1, 1935, to March 15, 1936, but without any limitation of the production. Apart from the above mentioned companies the Japanese company The Japan Whaling Co. Ltd. carried on operations with one pelagic expedition, entirely unimpeded by restrictions.

The output of whale oil in the Antarctic in the season 1935-36 was 2,436,338 barrels. The total number of whales killed was 30,991.

In the following Table *a* are given the figures for the whaling in the Antarctic for each of the seasons 1919-20 to 1935-36. We draw the attention to the period 1927-28 to 1930-31. In this period the figures show not only a tremendous rise in the production of whale oil, but also in the number of whales killed. This is the period of expansion of whaling to new areas exploited through floating factories. The number of floating factories was in the first year of this period 18 and in the last year 41. The number of catchers in the first year was 84 and in the last year 232. In this period whaling was unrestricted. In the season 1930-31 the price of whale oil declines and in the next season the whole Norwegian fleet and a considerable part of the fleet of other countries did not take part in the operations. From 1932-33 the conditions of whaling have changed, the hunting in the last four seasons being restricted. In 1932-33 and 1933-34 the whaling was restricted through production agreements concluded between most of the companies. In the two last seasons, 1934-35 and 1935-36, the catch was restricted to the periods December 1st (1934 and 1935) to March 31st (1935) and March 15th (1936). In the

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	<sup>1)</sup> 14	5,441	Barrels. 272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	<sup>1)</sup> 13	8,448	390,627	6	8	47	180
1921-22	4,416	2,492	9	103	3	—	7,023	452,517	6	8	46	153
1922-23	5,683	3,677	517	10	23	—	9,910	614,547	6	13	60	165
1923-24	3,732	3,035	233	193	66	<sup>1)</sup> 12	7,271	464,678	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	<sup>1)</sup> 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	<sup>1)</sup> 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	<sup>1)</sup> 4	13,775	1,037,392	6	18	84	164
1928-29	12,734	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	<sup>1)</sup> 2	40,201	3,608,348	6	41	232	173
1931-32	6,488	2,871	184	16	13	—	9,572	808,560	2	5	45	213
1932-33	18,891	5,168	159	2	107	—	24,327	2,456,462	1	17	118	206
1933-34	17,349	7,200	872	—	666	—	26,087	2,395,544	2	19	126	207
1934-35	16,500	12,500	1,965	266	577	—	31,808	2,453,999	2	23	153	208
1935-36	17,731	9,697	3,162	2	399	—	30,991	2,436,338	2	24	175	177

<sup>1)</sup> Right-whales.

period 1934-35 no production agreement was concluded between the companies, in the next season a production agreement between most of the companies was concluded in addition to the time regulation mentioned above. Most of the companies taking part in the pelagic whaling in the Antarctic carried on the whaling in accordance with these regulations.

In interpreting the figures for the last four seasons we must always keep in mind that whaling has not been carried on under the same conditions as in former years.

The figures in Table *a* show that the variation in the production in the last four seasons has been very small. In thousands of barrels the production shows a variation from 2,395 to 2,456. This indicates that the oil production has been stabilized even if the number of whales killed has gone up. In 1932-33 24,327 whales were killed, in 1934-35 31,808. These figures concern both the pelagic whaling and the whaling off South Georgia, which areas ought to be treated separately. For pelagic whaling the figures are given in Table *b*.

According to this table the production of oil also varies very little in the last four seasons. The number of whales killed, however, which was almost unchanged in the two first seasons (23.3 and 23.7 thousands), was considerably higher in the two last seasons (30.2 and 29.2 thousands). We have thus: oil production practically unchanged, a rise in the number of whales killed.

As the future of the whaling industry depends upon whether a point of equilibrium between exploitation and stock is found or not, the inter-



Table b.—Pelagic whaling in the Antarctic.

Years.	Species of whales caught.							Oil production. Barrels.
	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.	
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	1) 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	1) 10	6,394	378,850
1926-27.....	2,856	3,958	189	413	22	1) 12	7,450	455,070
1927-28.....	6,209	3,102	23	788	12	1) 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	1) 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

1) Right-whales.

pretation of the rise in the number of whales is of utmost importance. In International Whaling Statistics IV we have given a review of the whaling statistics from 1886 up till 1932 and shown that the whaling industry for most of the areas outside the Antarctic has not succeeded in finding an equilibrium. The experience shows that years with good yield has led to extension of the whaling equipment with the result that the stock was overtaxed and the catch gradually was falling off. The question nowadays is whether the regulation in the last four years has succeeded in finding a point of equilibrium between exploitation and stock in the Antarctic. If we shall succeed in interpreting the figures from this point of view, we must first regard the composition of the whales killed as to species from one year to another.

Experience from the hunting grounds shows that the different species have not been overtaxed at the same time, the most valuable species being killed off first, and the whaling carried on for some more years on the basis of the less valuable animals present on the hunting grounds. In the Antarctic the species in question are the blue-whales, fin-whales, and hump-backs, and of the principal species are the blue-whales and the fin-whales. The blue-whales are the most valuable. As will be seen from Table b, the number of blue-whales killed went down from 1932-33 to 1934-35. In 1935-36, however, more blue-whales have been killed than in 1934-35. On the other hand the number of fin-whales killed in the last two seasons has been considerably greater than in the earlier seasons here in question. And the same is the case with the humpbacks. Regarding the percentage com-

position of the whales killed we find that there is a marked difference between the two last seasons and the former seasons. In earlier seasons the percentage of blue-whales killed has varied from 82 to 61, in 1932-33 and 1933-34 the percentages were 79.9 and 70.9, in the last two seasons 52.7 and 56.5. As pointed out in Whaling Statistics VII, there are more blue-whales present on the fields in the earlier months of the season, and the drop in the percentage figures in the last two seasons is thus mostly a result of the shortening of these seasons. As we have figures, however, in the Tables *c* and *d* giving the distribution of the whales killed by months, it is possible to compare the composition as to the species of whales killed month by month from one year to another. The months which give comparable figures for the last four seasons are December, January, and February. The March figures are not comparable because the whaling was carried on to the end of March in 1934-35 and to March 15 in 1935-36.

According to Table *c* the number of blue-whales killed in all those three months has shown an upward trend in the last three seasons. The number of fin-whales has also gone up from season to season in December and January. In February there is a drop in the figures in 1935-36. The number of humpbacks has risen more than any other species from season to season in the months December-February.

Looking at the percentage composition of the catch in Table *d* we find that the percentage of blue-whales killed in December-February in the last three seasons was the smallest recorded since 1927-28, January 1929-30 excepted. The December figures for the season 1935-36 are smaller than the figures for all the former years, the January figures are smaller than the figures for any year but 1929-30, and the February figures are smaller than the figures for any year but 1934-35. The high percentage in March in 1935-36 is due to the shortening of the season to March 15. The percentage of fin-whales killed shows a considerable variation from year to year. We draw, however, the attention to the comparatively high percentages in December-January in the last two seasons for the fin-whales, as we emphasize that the percentage of the humpback catch has been considerably higher in the last season in December-February than in all the other seasons here recorded. This seems to indicate that the whalers, even if the number of blue-whales in the last season has gone up month by month, have been obliged, in order to fill the factories, to kill more fin-whales and humpbacks than in former seasons. We must, however, take into consideration that the catch and also the composition of the catch by months is influenced by the shortening of the season, and we cannot from these figures draw any definite conclusion as to the overtaxing of the stock of blue-whales.

In the whaling statistics there has been published figures of mature and immature whales killed—see Table *e*.

From this table we learn that the percentage of immature blue-whales killed has been considerably higher in the last two seasons than in the

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

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April	May.	Total.	The Whal- ing Statis- tics' total figures.	
<i>Total animals.</i>	1927/28 ..	3	220	926	1,375	1,387	1,218 <sup>1)</sup>	726	735	236	6,826	10,138
	1928/29 ..	—	418	1,310	2,393	2,113	1,562	1,066	682	28	9,572	15,209
	1929/30 ..	39	1,770	4,887	5,234	4,587	4,995	2,739	626	13	24,890	25,982
	1930/31 ..	38	2,784	6,445	7,936 <sup>2)</sup>	6,485	6,432 <sup>2)</sup>	3,274	366	—	33,760	37,463
	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	
<i>Blue- whales.</i>	1927/28 ..	3	184	821	1,158	863	285	115	50	1	3,480	6,209
	1928/29 ..	—	409	1,266	2,152	1,672	779	326	97	—	6,701	11,174
	1929/30 ..	33	1,507	4,245	4,491	2,200	2,549	1,327	170	4	16,526	16,999
	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	
<i>Fin- whales.</i>	1927/28 ..	—	32	92	208	457	708	478	549	—	2,524	3,102
	1928/29 ..	—	9	29	230	438	775	480	437	28	2,426	3,559
	1929/30 ..	3	256	574	552	2,089	2,344	1,377	456	9	7,660	8,143
	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	
<i>Hump- backs.</i>	1927/28 ..	—	—	8	8	—	—	1	—	2	19	23
	1928/29 ..	—	—	10	4	2	2	—	—	—	18	33
	1929/30 ..	3	3	51	187	294	102	35	—	—	675	806
	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	
<i>Sperm- whales.</i>	1927/28 ..	—	4	5	1	—	2	—	—	—	12	12
	1928/29 ..	—	—	5	7	1	3	—	—	—	16	31
	1929/30 ..	—	4	17	4	4	—	—	—	—	29	34
	1930/31 ..	—	1	11	3	9	—	—	—	—	24	25
	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	
<i>Sei- whales.</i>	1927/28 ..	—	—	—	—	67	223	129	136	233	788	788
	1928/29 ..	—	—	—	—	—	3	260	148	—	411	412
	1929/30 ..	—	—	—	—	—	—	—	—	—	—	—
	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	

1) 3 right-whales included. 2) 1 right-whale included.

Table d.—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>	1927/28 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1928/29 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	.....	.	.	.	.	.	.	.	.	.	.	
	.....	.	.	.	.	.	.	.	.	.	.	
<i>Blue-whales.</i>	1927/28 ..	100.0	83.6	88.7	84.2	62.2	23.4	15.9	6.8	0.4	51.0	61.3
	1928/29 ..	—	97.9	96.6	89.9	79.1	49.9	30.6	14.2	—	70.0	73.5
	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	
<i>Fin-whales.</i>	1927/28 ..	—	14.5	9.9	15.1	32.9	58.1	66.2	74.7	—	37.0	30.6
	1928/29 ..	—	2.1	2.2	9.6	20.7	49.6	45.0	64.1	100.0	25.3	23.4
	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	
<i>Hump-backs.</i>	1927/28 ..	—	—	0.9	0.6	—	—	0.1	—	0.8	0.3	0.2
	1928/29 ..	—	—	0.8	0.2	0.1	0.1	—	—	—	0.2	0.2
	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	
<i>Sperm-whales.</i>	1927/28 ..	—	1.9	0.5	0.1	—	0.2	—	—	—	0.1	0.1
	1928/29 ..	—	—	0.4	0.3	0.1	0.2	—	—	—	0.2	0.2
	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	
<i>Sei-whales.</i>	1927/28 ..	—	—	—	—	4.9	18.3	17.8	18.5	98.8	11.6	7.8
	1928/29 ..	—	—	—	—	—	0.2	24.4	21.7	—	4.3	2.7
	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	

Table e.—Antarctic, pelagic whaling.

	1930/31.				1931/32		1932/33.		1933/34.		1934/35.		1935/36	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>	<b>West Antarctic and eastward</b>		<b>Ross Sea and westward</b>											
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
„ 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
„ 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
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
„ 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
„ 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
<b>Fin-whales.</b>														
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
„ females . . . . .	825	32.51	22	4.10	47	11.87	244	11.78	280	10.71	1,135	20.95	790	18.03
„ 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
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
„ 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
„ 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

former seasons recorded. In the last issue of the International Whaling Statistics we indicated that this is partly the consequence of the time regulation, as more immature whales are present on the fields in the later part of the season. We note, however, that the percentage of immature animals killed has risen from 28.64 in 1934-35 to 31.34 in 1935-36, although the catching period in the last season has been shortened by half a month. This seems not to be a happy result as the killing of more and more of the young animals—taking into consideration the comparatively low fecundity of the whales—might influence the future regeneration. We also mention that the immature animals are smaller than the mature ones and give less oil.

We also draw the attention to the fact that the percentage of immature fin-whales has been higher in the last two seasons than in the former seasons.

**Table f.—Average size of blue-whales and fin-whales.**

Kind of whale and whaling grounds.	1935-1936.	1934-1935.	1933-1934.	1932-1933.	1931-1932.	1930-1931.	1929-1930.	1928-1929.	1927-1928.	1926-1927.
<b>Blue-whales.</b>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
South Georgia .	74.27	74.15	72.67	70.87	70.90	75.47	74.07	75.30	76.94	78.68
South Shetland .	} 77.75	} 78.57	} 80.51	} 80.40	} 84.03	} 79.84	} 80.19	} 81.11	78.59	76.95
South Orkney ..									—	75.07
Pelagic whaling in Antarctic .						—	—			
Ross Sea .....						—	81.56	85.20		
<b>Fin-whales.</b>										
South Georgia .	64.66	65.76	64.44	63.96	62.16	65.74	66.05	—	66.69	69.12
South Shetland .	} 67.72	} 67.61	} 68.99	} 68.71	} 69.95	} 65.46	} 65.15	} —	62.79	64.63
South Orkney ..									—	62.36
Pelagic whaling in Antarctic ..						—	—			
Ross Sea .....						—	—	—		

Table *f* shows that the average size of blue-whales for pelagic whaling in the Antarctic has gone down from 80.51 feet in 1933-34 to 77.75 feet in 1935-36.

The figures given above concern pelagic whaling as a whole. The statistics for the different areas has not yet been published in “Hvalrødets Skrifter” and it might be that the figures for the different areas will give more detailed information than we are able to give in the Whaling Statistics.

The figures for South Georgia are printed in Table *g* for a series of years. The whaling on these grounds has in the later years been of less importance; only two companies with 10 to 11 catchers have carried on the whaling in the last two years. The most interesting in this time series are the figures for 1935-36. As the table shows the fin-whale catch has

Table g.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
1919-20	987	1,673	79	71	8	<sup>1)</sup> 14	2,832	Barrels. 147,029	6	—	26	109
1920-21	856	2,643	103	36	31	<sup>1)</sup> 13	3,682	177,137	5	—	21	175
1921-22	2,570	710	9	103	3	—	3,395	249,042	5	—	20	170
1922-23	3,569	1,445	320	10	19	—	5,363	347,553	5	1	23	233
1923-24	1,927	1,378	130	191	49	—	3,675	247,463	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	<sup>1)</sup> 1	2,736	187,938	5	—	27	101
1931-32	438	1,735	6	16	10	—	2,205	122,205	2	—	12	184
1932-33	267	727	—	2	—	—	996	54,583	1	—	6	166
1933-34	536	1,728	92	—	7	—	2,363	132,187	2	—	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

<sup>1)</sup> Right-whales.

played a predominant rôle from 1929-30. In the last season, however, the number of blue-whales killed has been more than doubled, and we must go back to the year 1928-29 to find a larger number of blue-whales killed.

The great number of blue-whales killed is striking, as the figures for former years—due regard being paid to the small number of catchers—seemed to indicate that the stock of blue-whales present on these fields was declining. Then, suddenly, the blue-whale catch goes up in 1935-36, and there is a rise in this catch in every month from October to February (see Table *h*). At the same time the fin-whale catch has gone down. In interpreting these movements we must be aware of the fact that the records from earlier years show a marked variation from year to year in the catch of the two species. This seems to indicate a great variation in the stock of blue- and fin-whales present on the fields. In earlier years there has been—as the whalers express it—typical fin-whale and typical blue-whale years. But still the blue-whale catch in the last season is exceptional. We draw the attention to the high percentage of blue-whales killed, the highest percentage ever recorded (see Table *i*).

The blue-whales killed off South Georgia have for many years been smaller animals than those killed on other grounds (see Table *f*), and the percentage of immature whales high. The percentage of immature blue-whales was in 1930-31: 45.66 and rose to 77.44 in 1932-33. In the later seasons the percentage has, however, decreased and was 55.45 in 1935-36 (see Table *j*). If the blue-whales off South Georgia had formed a separate tribe, regularly visiting the same areas year by year, the high percentage

Table h. —South Georgia. 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>	1927/28 .....	4	415	820	713	480	274	188	39	1	2,934	3,637
	1928/29 .....	52	436	376	492	1,087	630	469	124	3	3,669	5,132
	1929/30 .....	123	362	629	1,033	1,119	395	429	104	—	4,194	4,185
	1930/31 .....	58	512	648	602	486	322	99	9	—	2,736	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	
<i>Blue-whales.</i>	1927/28 .....	3	309	616	473	230	61	13	2	1	1,708	2,125
	1928/29 .....	6	32	184	267	352	52	63	13	2	971	1,560
	1929/30 .....	10	46	123	108	126	19	46	11	—	489	488
	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	
<i>Fin-whales.</i>	1927/28 .....	1	104	197	239	247	206	89	11	—	1,094	1,357
	1928/29 .....	41	402	187	219	716	501	253	70	1	2,390	3,130
	1929/30 .....	111	312	504	898	976	314	241	48	—	3,404	3,396
	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	
<i>Hump-backs.</i>	1927/28 .....	—	—	—	—	—	—	—	—	—	—	—
	1928/29 .....	—	—	—	5	6	2	—	—	—	13	15
	1929/30 .....	—	—	2	26	10	3	3	2	—	46	46
	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	
<i>Sperm-whales.</i>	1927/28 .....	—	1	4	1	1	2	37	21	—	67	60
	1928/29 .....	5	2	5	1	1	—	9	2	—	25	31
	1929/30 .....	2	4	—	1	7	12	12	1	—	39	39
	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	
<i>Sei-whales.</i>	1927/28 .....	—	1	3	—	2	5	49	5	—	65	95
	1928/29 .....	—	—	—	—	12	75	144	39	—	270	396
	1929/30 .....	—	—	—	—	—	47	127	42	—	216	216
	1930/31 .....	—	—	—	—	—	95	44	5	—	144	144
	1931/32 .....	—	—	—	—	2	9	5	2	—	16	16
	1932/33 .....	—	—	—	—	—	—	—	—	—	2	2
	1933/34 .....	—	—	—	—	—	—	—	—	—	—	—
	1934/35 .....	—	—	—	—	—	5	105	15	—	125	125
1935/36 .....	—	—	—	—	—	—	—	—	—	—	—	

1) 1 right-whale included.



Table i.—South Georgia. 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>	1927/28 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1928/29 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	.....	.	.	.	.	.	.	.	.	.	.	
	.....	.	.	.	.	.	.	.	.	.	.	
<i>Blue-whales.</i>	1927/28 ..	75.0	74.5	75.1	66.3	47.9	22.3	6.9	5.1	100.0	58.2	58.4
	1928/29 ..	11.5	7.3	48.9	54.3	32.4	8.3	13.4	10.4	66.7	26.5	30.4
	1929/30 ..	8.1	12.7	19.6	10.5	11.3	4.8	10.7	10.6	—	11.7	11.7
	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	
<i>Fin-whales.</i>	1927/28 ..	25.0	25.1	24.0	33.5	51.5	75.2	47.3	28.2	—	37.3	37.3
	1928/29 ..	78.9	92.2	49.7	44.5	65.9	79.5	54.0	56.5	33.3	65.1	61.0
	1929/30 ..	90.3	86.2	80.1	86.9	87.3	79.5	56.2	46.2	—	81.2	81.2
	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	
<i>Hump-backs.</i>	1927/28 ..	—	—	—	—	—	—	—	—	—	—	—
	1928/29 ..	—	—	—	1.0	0.5	0.3	—	—	—	0.4	0.3
	1929/30 ..	—	—	0.3	2.5	0.8	0.8	0.7	1.9	—	1.1	1.1
	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	
<i>Sperm-whales.</i>	1927/28 ..	—	0.2	0.5	0.2	0.2	0.7	19.7	53.9	—	2.3	1.7
	1928/29 ..	9.6	0.5	1.4	0.2	0.1	—	1.9	1.6	—	0.7	0.6
	1929/30 ..	1.6	1.1	—	0.1	0.6	3.0	2.8	0.9	—	0.9	0.9
	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	
<i>Sei-whales.</i>	1927/28 ..	—	0.2	0.4	—	0.4	1.8	26.1	12.8	—	2.2	2.6
	1928/29 ..	—	—	—	—	1.1	11.9	30.7	31.5	—	7.3	7.7
	1929/30 ..	—	—	—	—	—	11.9	29.6	40.4	—	5.1	5.1
	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 ..	—	—	—	—	—	—	—	—	—	—	—	

Table j.—South Georgia.

	1930/31.		1931/32.		1932/33.		1933/34.		1934/35.		1935/36.	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>												
Immature males	319	45.57	165	76.39	86	77.48	136	60.99	119	49.17	313	53.97
females	281	45.77	147	66.22	120	77.42	207	66.56	188	59.87	364	56.79
animals	600	45.66	312	71.23	206	77.44	343	64.23	307	55.22	677	55.45
Mature males	381	54.43	51	23.61	25	22.52	87	39.01	123	50.83	267	46.03
females	333	54.23	75	33.78	35	22.58	104	33.44	126	40.13	277	43.21
animals	714	54.34	126	28.77	60	22.56	191	35.77	249	44.78	544	44.55
<b>Fin-whales.</b>												
Immature males	286	35.18	520	54.56	147	42.61	335	37.43	95	23.00	110	40.15
females	282	31.37	460	58.97	186	49.47	373	44.78	149	35.22	94	38.21
animals	568	33.18	980	56.55	333	46.19	708	40.97	244	29.19	204	39.23
Mature males	527	64.82	433	45.44	198	57.39	560	62.57	318	77.00	164	59.85
females	617	68.63	320	41.03	190	50.53	460	55.22	274	64.78	152	61.79
animals	1,144	66.82	753	43.45	388	53.81	1,020	59.03	592	70.81	316	60.77

of young animals killed in several seasons must have reduced the stock. The great number killed last season does not, however, give any basis for this conclusion. It might be that the wanderings of the whales are irregular, and new shoals of whales have visited these grounds during the last year. It is less probable that the reduction of the catchers in 1932-33 and the hunting thus restricted has had any definite influence on the regeneration of the species.

As mentioned above the fin-whale catch has gone down in 1935-36. The percentage of immature fin-whales killed off South Georgia has been high—higher than on other fields—in several seasons, but this percentage has also gone down in the last two seasons (see Table j), and so has the number of animals killed.

We have then stated the following facts: a drop in the percentage of immature blue-whales and fin-whales killed—a considerable rise in the blue-whale catch—a marked drop in the fin-whale catch.

To draw any definite conclusion from these facts as to overtaxation or point of equilibrium between the present exploitation and stock is impossible. Experience seems, however, to indicate that the stock present on the fields is smaller than in the twenties of this century, even if we take into account the irregularity of the wanderings of the whales.

In earlier issues of the International Whaling Statistics we have calculated the number of whales killed per boat. This standard we have used as an indication of the development of whaling. This is, however, only possible, if the boats represent the same equipment from one year to another, and if the time of operation is the same from year to year. This not being the case, the figures are not of the same value as in former years. The figures for the last 6 seasons are given in the following table (Table *k*).

**Table k.—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

For South Georgia see table *g*.

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

Years.	South Georgia.	Other grounds in Antarctic.	Years.	South Georgia.	Other grounds in Antarctic.
	Barrels. <sup>2)</sup>	Barrels.		Barrels.	Barrels.
1924-25.....	87.5	85.0	1930-31.....	100.1	105.6
1925-26.....	84.0	84.8	1931-32.....	92.9	102.6
1926-27.....	96.4	91.1	1932-33.....	86.5	114.6
1927-28.....	106.4	92.8	1933-34.....	91.8	111.9
1928-29.....	108.2	98.3	1934-35.....	105.1	102.2
1929-30.....	110.7	109.6	1935-36.....	95.5	101.6

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

A calculation of the oil production per blue-whale unit is given in Table *l*. This table shows that the production in the two last seasons for pelagic whaling has been lower than in any season since 1929-30. The drop in the production of oil per blue-whale unit is probably due to the fact that the blue-whales killed in these seasons were smaller animals.

In Table *m* the result of the whaling in the Antarctic, number of whales killed, and oil production is given separately for the Norwegian whaling, the British whaling and the whaling of other countries.

The Norwegian and the British whaling is by far the most important. Of these two countries Norway has had the lead up to 1931-32. In this year the Norwegian whaling fleet, which carries on whaling in the Antarctic, was laid up. In 1932-33 the output of Norwegian and British whaling was almost

Table m.—Whaling in the Antarctic.

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. <sup>1)</sup>		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

<sup>1)</sup> Barrel =  $\frac{1}{16}$  ton (1 ton = 1,016 kg.).

on the same level. In 1933-34 the number of whales caught by British whaling was higher than the number of whales caught by Norwegian whaling. The Norwegian whaling had, however, a larger output of oil than the British whaling. In 1934-35 the British whaling for the first time surpassed the Norwegian whaling in the number of whales killed as well as in the output of oil. In the last season the Norwegian whaling again surpassed the British whaling. The most striking fact is, however, the growing importance of the whaling of other countries. Of the 325,138 barrels of oil produced by these countries 205,801 barrels were produced by two companies carrying the colours of Panama, 75,192 barrels by an Argentine company, and 44,145 barrels by a Japanese expedition.

In the Whaling Gazette no. 12, 1936, is given the number of men taking part in whaling in the Antarctic for several seasons. In the last four seasons the number has been as follows:—

1932-33 . . . .	4,700
1933-34 . . . .	5,542
1934-35 . . . .	6,431
1935-36 . . . .	7,186

In the first two seasons the men were almost exclusively Norwegians, in the season 1935-36 455 were of other nationalities, most of them Japanese.

Oslo, January 6, 1937.

*Gunnar Jahn.*

# **T A B L E S**



**Table No. 1.—Whaling in the Southern Seas  
in the Season 1935/36.**

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
South Georgia . . . .	1,221	520	41	—	3	1,785	Barrel = <sup>1</sup> / <sub>6</sub> ton. <sup>1</sup> )	2	—	10
Antarctic, others (pelagic whaling).	16,510	9,177	3,121	2	396	29,206	2,293,153	—	24	165
Total	17,731	9,697	3,162	2	399	<sup>2</sup> )30,991	2,436,338	2	24	175

<sup>1</sup>) 1 ton = 1,016 kg. <sup>2</sup>) 5 blue-whales, 1 fin-whale, and 3 humpbacks out of the above number of whales have been lost or used as fenders, and not been utilised.

**Table No. 2.—Whaling results for the various countries  
in the Southern Seas 1935/36.**

Countries and geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
Norway:— Antarctic, pelagic	7,349	4,873	1,908	2	289	14,421	Barrel = <sup>1</sup> / <sub>6</sub> ton.	—	13	82
British Empire:— South Georgia . . .	561	259	19	—	2	841	67,993	1	—	5
Antarctic, pelagic	6,959	3,550	1,131	—	57	11,697	927,174	—	8	63
Argentine:— South Georgia . . .	660	261	22	—	1	944	75,192	1	—	5
Japan:— Antarctic, pelagic	456	174	9	—	—	639	44,145	—	1	5
Panama:— Antarctic, pelagic	1,746	580	73	—	50	2,449	205,801	—	2	15
Total	17,731	9,697	3,162	2	399	<sup>1</sup> )30,991	2,436,338	2	24	175

<sup>1</sup>) 5 blue-whales, 1 fin-whale, and 3 humpbacks out of the above number of whales have been lost or used as fenders, and not been utilised.

**Table No. 3.—Average size of whales caught  
in the Southern Seas 1935/36.**

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b>A. Blue-whales.</b>				
<i>South Georgia</i> .....	No. 1	72.38	75.85	74.32
Males 580 } Total 1,221.	" 2	73.32	75.17	74.24
Females 641 }				
Average		72.92	75.50	74.27
<i>Antarctic, others</i> (pelagic whaling)	No. 1	78.81	81.37	79.96
Males 8,940 } Total 16,505.	" 2	77.67	81.34	79.29
Females 7,565 }	" 3	77.83	80.52	79.03
	" 4	78.01	80.36	79.03
	" 5	77.94	80.24	78.96
	" 6	77.73	80.15	78.86
	" 7	77.79	79.83	78.77
	" 8	77.27	79.72	78.60
	" 9	77.12	79.75	78.32
	" 10	76.91	79.97	78.28
	" 11	77.15	79.47	78.19
	" 12	76.42	79.39	77.80
	" 13	76.26	79.60	77.75
	" 14	76.69	78.88	77.67
	" 15	76.67	77.60	77.08
	" 16	75.66	78.02	76.73
	" 17	75.95	77.29	76.58
	" 18	75.40	77.70	76.55
	" 19	75.31	77.91	76.45
	" 20	75.25	77.46	76.33
	" 21	75.41	77.04	76.11
	" 22	74.82	77.40	76.05
	" 23	75.13	77.05	76.04
	" 24	74.62	76.57	75.56
Average		76.70	78.99	77.75
<b>B. Fin-whales.</b>				
<i>South Georgia</i> .....	No. 1	63.57	66.30	64.94
Males 274 } Total 520.	" 2	63.29	65.75	64.38
Females 246 }				
Average		63.42	66.04	64.66
<i>Antarctic, others</i> (pelagic whaling)	No. 1	67.42	72.29	70.77
Males 4,794 } Total 9,176.	" 2	67.19	71.22	70.05
Females 4,382 }	" 3	67.41	71.23	69.57
	" 4	67.11	70.92	69.13
	" 5	66.70	70.70	68.95
	" 6	67.12	70.66	68.55
	" 7	66.72	70.10	68.40
	" 8	66.73	70.02	68.36
	" 9	67.16	69.88	68.21



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. 10	66.27	70.06	68.18	
	" 11	66.42	70.00	68.11	
	" 12	66.32	70.19	68.02	
	" 13	66.57	69.33	67.89	
	" 14	66.69	69.98	67.84	
	" 15	65.84	69.75	67.66	
	" 16	66.03	69.49	67.53	
	" 17	65.56	69.43	67.52	
	" 18	65.95	69.13	67.49	
	" 19	66.02	68.28	67.03	
	" 20	65.56	68.40	66.96	
	" 21	65.33	66.77	66.08	
	" 22	64.47	67.49	66.04	
	" 23	63.60	67.49	65.68	
	" 24	63.83	66.65	65.32	
	Average		66.16	69.43	67.72
	<b>C. Humpbacks.</b>				
	<i>South Georgia</i> . . . . .	No. 1	37.56	42.69	40.59
		" 2	38.38	41.09	39.95
	Males 17 } Total 41. Females 24 }				
	Average		37.94	41.96	40.29
	<i>Antarctic, others</i> (pelagic whaling)	No. 1	41.35	43.54	42.49
		" 2	40.69	43.08	42.34
		" 3	41.00	42.71	42.33
" 4		40.00	42.55	42.00	
" 5		41.39	42.81	41.81	
" 6		40.86	42.49	41.79	
" 7		40.75	43.50	41.67	
" 8		39.76	42.36	41.66	
" 9		40.79	42.52	41.64	
" 10		40.30	42.28	41.55	
" 11		40.38	42.21	41.45	
" 12		39.20	43.31	41.44	
" 13		39.89	42.56	41.42	
" 14		38.95	42.92	41.34	
" 15		39.91	42.35	41.16	
" 16		40.21	41.74	41.13	
" 17		36.00	41.83	41.00	
" 18		39.92	41.33	40.94	
" 19		39.50	41.50	40.70	
" 20		38.88	41.59	40.69	
" 21		38.93	40.98	40.25	
" 22		39.33	40.68	40.03	
" 23		35.50	42.25	40.00	
" 24		39.60	—	39.60	
Average		40.20	42.26	41.43	

**Table No. 4.—Whales caught in the season 1935/36 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.	
50	1	—	1	81	607	329	936
55	1	—	1	82	522	340	862
56	—	1	1	83	415	368	783
57	1	—	1	84	313	401	714
58	4	—	4	85	197	473	670
59	3	1	4	86	132	389	521
60	13	10	23	87	61	377	438
61	21	14	35	88	32	297	329
62	37	25	62	89	16	190	206
63	48	47	95	90	21	168	189
64	33	36	69	91	2	81	83
65	152	141	293	92	—	57	57
66	177	130	307	93	—	27	27
67	179	166	345	94	1	22	23
68	217	161	378	95	—	9	9
69	230	226	456	96	—	2	2
70	371	256	627	98	1	—	1
71	344	222	566				
72	402	296	698	Sum	9,520	8,206	17,726
73	448	302	750				
74	475	327	802				
75	654	442	1,096	Average size	{ Males: 76.46 feet Females: 78.72 " Total animals: 77.51 "		
76	585	365	950				
77	632	367	999	Per cent	{ Males: 53.71 Females: 46.29		
78	705	418	1,123				
79	659	286	945				
80	808	437	1,245				

**Fin-whales.**

44	1	—	1	70	469	397	866
49	—	2	2	71	223	320	543
50	—	2	2	72	137	437	574
51	7	1	8	73	47	394	441
52	4	4	8	74	42	388	430
53	16	9	25	75	8	293	301
54	11	11	22	76	5	167	172
55	50	34	84	77	3	112	115
56	55	42	97	78	1	60	61
57	65	58	123	79	—	35	35
58	70	56	126	80	—	16	16
59	107	57	164	81	—	1	1
60	156	117	273	88	—	1	1
61	152	94	246				
62	214	122	336	Sum	5,068	4,628	9,696
63	233	146	379				
64	303	129	432				
65	455	195	650	Average size	{ Males: 66.01 feet Females: 69.25 " Total animals: 67.56 "		
66	534	214	748				
67	640	217	857	Per cent	{ Males: 52.27 Females: 47.73		
68	561	230	791				
69	499	267	766				

Table No. 4 (continued).

## Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals
	males.	females.			males.	females.	
28	2	—	2	44	91	176	267
29	2	1	3	45	74	226	300
30	5	5	10	46	27	154	181
31	2	3	5	47	21	105	126
32	18	10	28	48	11	63	74
33	12	26	38	49	5	30	35
34	25	15	40	50	1	33	34
35	63	64	127	51	1	9	10
36	78	74	152	52	—	3	3
37	89	72	161	Sum	1,273	1,886	3,159
38	110	75	185	Average size	Males: 40.16 feet Females: 42.31 " Total animals: 41.41 "		
39	98	88	186				
40	157	150	307				
41	145	158	303	Per cent	Males: 40.30 Females: 59.70		
42	136	170	306				
43	100	176	276				

## a. South Georgia.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
56	—	1	1	81	15	19	34
60	7	4	11	82	7	27	34
61	8	4	12	83	8	15	23
62	3	4	7	84	9	29	38
63	9	8	17	85	1	14	15
64	15	7	22	86	2	13	15
65	22	20	42	87	—	7	7
66	12	10	22	88	—	8	8
67	14	12	26	89	—	5	5
68	25	19	44	90	—	7	7
69	29	28	57	91	—	1	1
70	52	50	102	92	—	2	2
71	30	26	56	93	—	1	1
72	37	24	61	Sum	580	641	1,221
73	50	36	86	Average size	Males: 72.92 feet Females: 75.50 " Total animals: 74.27 "		
74	35	29	64				
75	46	49	95				
76	28	33	61	Per cent	Males: 47.50 Females: 52.50		
77	31	29	60				
78	34	37	71				
79	26	20	46				
80	25	43	68				

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
50	—	1	1	69	17	15	32		
51	3	—	3	70	6	15	21		
52	1	2	3	71	8	13	21		
53	2	2	4	72	3	18	21		
54	3	5	8	73	1	8	9		
55	7	4	11	74	—	12	12		
56	3	1	4	75	—	9	9		
57	6	8	14	77	—	2	2		
58	6	2	8	78	—	1	1		
59	17	3	20	79	—	1	1		
60	25	17	42	Sum	274	246	520		
61	14	11	25	Average size { Males: 63.42 feet Females: 66.04 " Total animals: 64.66 "  Per cent { Males: 52.69 Females: 47.31					
62	23	12	35						
63	18	10	28						
64	24	16	40						
65	29	18	47						
66	25	20	45						
67	20	10	30						
68	13	10	23						

## Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
30	1	—	1	45	—	4	4		
31	—	1	1	46	—	4	4		
32	—	1	1	47	—	1	1		
33	—	1	1	48	—	1	1		
34	1	—	1	49	—	2	2		
35	1	—	1	Sum	17	24	41		
36	3	2	5	Average size { Males: 37.94 feet Females: 41.96 " Total animals: 40.29 "  Per cent { Males: 41.46 Females: 58.54					
37	2	1	3						
38	3	1	4						
39	1	1	2						
40	—	1	1						
42	4	2	6						
43	1	—	1						
44	—	1	1						

Table No. 4 (continued).

## b. Antarctic, pelagic whaling.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	1	—	1	81	592	310	902
55	1	—	1	82	515	313	828
57	1	—	1	83	407	353	760
58	4	—	4	84	304	372	676
59	3	1	4	85	196	459	655
60	6	6	12	86	130	376	506
61	13	10	23	87	61	370	431
62	34	21	55	88	32	289	321
63	39	39	78	89	16	185	201
64	18	29	47	90	21	161	182
65	130	121	251	91	2	80	82
66	165	120	285	92	—	55	55
67	165	154	319	93	—	26	26
68	192	142	334	94	1	22	23
69	201	198	399	95	—	9	9
70	319	206	525	96	—	2	2
71	314	196	510	98	1	—	1
72	365	272	637				
73	398	266	664	Sum	8,940	7,565	16,505
74	440	298	738				
75	608	393	1,001	Average size	{	Males: 76.70 feet	
76	557	332	889		{	Females: 78.99 "	
77	601	338	939		{	Total animals: 77.75 "	
78	671	381	1,052	Per cent	{	Males: 54.17	
79	633	266	899		{	Females: 45.83	
80	783	394	1,177				

## Fin-whales.

44	1	—	1	69	482	252	734
49	—	2	2	70	463	382	845
50	—	1	1	71	215	307	522
51	4	1	5	72	134	419	553
52	3	2	5	73	46	386	432
53	14	7	21	74	42	376	418
54	8	6	14	75	8	284	292
55	43	30	73	76	5	167	172
56	52	41	93	77	3	110	113
57	59	50	109	78	1	59	60
58	64	54	118	79	—	34	34
59	90	54	144	80	—	16	16
60	131	100	231	81	—	1	1
61	138	83	221	88	—	1	1
62	191	110	301				
63	215	136	351	Sum	4,794	4,382	9,176
64	279	113	392				
65	426	177	603	Average size	{	Males: 66.16 feet	
66	509	194	703		{	Females: 69.43 "	
67	620	207	827		{	Total animals: 67.72 "	
68	548	220	768	Per cent	{	Males: 52.24	
					{	Females: 47.76	

Table No. 4 (continued).

## Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
28	2	—	2	45	74	222	296
29	2	1	3	46	27	150	177
30	4	5	9	47	21	104	125
31	2	2	4	48	11	62	73
32	18	9	27	49	5	28	33
33	12	25	37	50	1	33	34
34	24	15	39	51	1	9	10
35	62	64	126	52	—	3	3
36	75	72	147				
37	87	71	158				
38	107	74	181	Sum	1,256	1,862	3,118
39	97	87	184				
40	157	149	306	Average size	Males: 40.20 feet		
41	145	158	303		Females: 42.26 "		
42	132	168	300		Total animals: 41.43 "		
43	99	176	275	Per cent	Males: 40.28		
44	91	175	266		Females: 59.72		

Table No. 5.—Whales caught in the season 1935/36 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) .....	2,702	15.24
„ 2. (71 feet to 85 feet).....	13,139	74.12
„ 3. (above 85 feet).....	1,885	10.64
	17,726	100.00
Immature males .....	2,682	28.17
„ females .....	3,168	38.61
„ animals .....	5,850	33.00
Mature males .....	6,838	71.83
„ females.....	5,038	61.39
„ animals .....	11,876	67.00

Table No. 5 (continued).

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	152	1.56
" 2. (56 feet to 65 feet).....	2,826	29.15
" 3. (above 65 feet).....	6,718	69.29
	9,696	100.00
Immature males .....	908	17.92
" females.....	884	19.10
" animals .....	1,792	18.48
Mature males .....	4,160	82.08
" females.....	3,744	80.90
" animals .....	7,904	81.52

## a. South Georgia.

## Blue-whales.

	Number of whales.	Per cent.
Gr. 1. (70 feet and less) .....	261	21.38
» 2. (71 feet to 85 feet) .....	914	74.86
» 3. (above 85 feet) .....	46	3.76
	1,221	100.00
Immature males .....	313	53.97
" females.....	364	56.79
" animals .....	677	55.45
Mature males .....	267	46.03
" females .....	277	43.21
" animals .....	544	44.55

## Fin-whales.

	Number of whales.	Per cent.
Gr. 1. (55 feet and less) .....	30	5.77
» 2. (56 feet to 65 feet).....	263	50.58
» 3. (above 65 feet) .....	227	43.65
	520	100.00
Immature males .....	110	40.15
" females.....	94	38.21
" animals .....	204	39.23
Mature males.....	164	59.85
" females .....	152	61.79
" animals .....	316	60.77

Table No. 5 (continued).

## b. Antarctic, pelagic whaling.

Blue-whales.			Fin-whales.		
	Number of whales.	Per cent.		Number of whales.	Per cent.
Gr. 1. (70 feet and less) ..	2,339	14.17	Gr. 1. (55 feet and less) ..	122	1.33
» 2. (71 feet to 85 feet).	12,327	74.69	» 2. (56 feet to 65 feet).	2,563	27.93
» 3. (above 85 feet) ....	1,839	11.14	» 3. (above 65 feet).....	6,491	70.74
	16,505	100.00		9,176	100.00
Immature males .....	2,369	26.50	Immature males .....	798	16.65
„ females .....	2,804	37.07	„ females .....	790	18.03
„ animals .....	5,173	31.34	„ animals .....	1,588	17.31
Mature males .....	6,571	73.50	Mature males .....	3,996	83.35
„ females .....	4,761	62.93	„ females .....	3,592	81.97
„ animals .....	11,332	68.66	„ animals .....	7,588	82.69

Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1935/36.

Other whales are reduced to blue-whale equivalents on the following basis:—

1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales.

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Per blue-whale equivalent.
<i>South Georgia</i> .....	No. 1	698.1	Barrels. <sup>1)</sup> 67,931	Barrels. <sup>1)</sup> 97.31
	„ 2	799.3	75,128	93.99
	Average	—	—	95.54
<i>Antarctic, others</i> (pelagic whaling)	No. 1	838.3	96,197	114.75
	„ 2	851.1	96,163	112.99
	„ 3	882.1	99,113	112.36
	„ 4	870.4	97,257	111.74
	„ 5	641.2	70,630	110.15
	„ 6	1,094.5	119,987	109.63
	„ 7	1,137.7	122,976	108.09
	„ 8	861.4	92,318	107.17
	„ 9	1,128.2	120,006	106.37
	„ 10	1,039.5	107,562	103.47
	„ 11	100.9	10,400	103.07
	„ 12	1,031.0	106,130	102.94
	„ 13	1,302.9	130,294	100.00
	„ 14	1,441.1	143,249	99.40
	„ 15	893.0	88,028	98.58
	„ 16	1,172.2	114,962	98.07
	„ 17	983.7	96,179	97.77
	„ 18	997.6	95,995	96.23
	„ 19	1,317.7	125,806	95.47
	„ 20	691.1	64,160	92.84
	„ 21	1,304.9	119,166	91.32
	„ 22	714.6	64,575	90.37
	„ 23	498.8	44,226	88.66
	„ 24	546.6	44,145	80.76
Average	—	—	—	101.59

<sup>1)</sup> Barrel = 1/6 ton. (1 ton = 1,016 kg.).



Table No. 7.—Whale foetuses.

I. Blue-whale foetuses  
measured in the Southern Seas in the season 1935/36.

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.	
25/10 35	86	5'0"	F	1/12 35	90	6'0"	F	4/12 35	85	6'0"	M
" "	80	1'6"	F	2/12 "	82	2'0"	F	" "	90	6'0"	M
" "	82	2'2"		" "	81	5'0"	F	" "	85	5'0"	M
29/10 "	83	3'0"	F	" "	89	6'0"	F	" "	85	5'0"	M
" "	89	7'6"		" "	84	5'6"	F	" "	86	4'0"	M
31/10 "	87	5'0"	F	" "	87	8'0"	M	" "	71	7'0"	M
3/11 "	82	5'0"	M	" "	81	2'0"	M	" "	86	3'6"	M
4/11 "	77	2'0"	F	" "	87	7'0"	F	" "	84	5'0"	M
7/11 "	80	5'0"	F	" "	81	4'0"	F	" "	76	3'0"	F
8/11 "	85	3'0"	M	" "	77	5'0"	F	" "	79	2'6"	F
14/11 "	85	7'0"	F	" "	85	3'6"	F	" "	88	7'0"	M
19/11 "	78	7'0"		" "	87	6'0"	F	" "	89	8'0"	F
20/11 "	84	1'0"	M	" "	85	0'4"	M	" "	89	4'0"	F
" "	84	5'0"	M	" "	90	5'6"	M	" "	77	4'0"	F
" "	82	5'0"	M	" "	89	6'0"	F	" "	86	2'0"	M
21/11 "	82	3'5"	F	" "	90	5'6"	M	" "	83	2'1"	F
22/11 "	84	3'0"	F	" "	82	5'0"	F	" "	86	7'6"	M
" "	91	2'0"	F	" "	86	4'0"	M	" "	88	4'3"	F
23/11 "	85	4'6"	F	" "	81	4'0"	F	" "	76	2'0"	M
" "	86	4'0"	M	" "	81	2'0"	M	" "	88	4'3"	F
24/11 "	92	5'0"	F	" "	82	2'6"	M	" "	84	4'0"	F
" "	82	1'0"	F	" "	80	7'0"	F	" "	81	1'0"	F
25/11 "	83	5'0"	M	" "	79	4'0"	F	" "	91	7'0"	
26/11 "	82	6'0"		" "	82	4'6"	F	" "	87	4'0"	
" "	76	5'0"		" "	85	6'0"	F	" "	81	3'0"	
27/11 "	84	9'0"	F	" "	83	8'0"	F	" "	85	7'0"	F
28/11 "	85	10'0"	F	3/12 "	82	5'0"	F	" "	87	9'0"	M
" "	83	6'0"	M	" "	82	10'0"	M	" "	84	5'0"	M
" "	81	3'0"	F	" "	83	7'0"	F	" "	76	6'0"	M
" "	80	4'0"	M	" "	76	4'0"	M	" "	80	3'0"	M
1/12 "	86	10'0"	M	" "	88	4'6"	M	" "	89	10'0"	M
" "	90	1'6"	M	" "	81	5'0"	F	5/12 "	86	4'0"	M
" "	83	5'0"		" "	89	15'0"	F	" "	83	4'0"	M
" "	81	1'6"	F	" "	85	7'0"	F	" "	86	4'0"	M
" "	80	3'0"	M	" "	85	5'0"	F	" "	86	4'0"	M
" "	78	3'0"	F	" "	81	5'0"	F	" "	89	6'0"	F
" "	79	4'0"	F	" "	81	3'0"	M	" "	86	2'0"	M
" "	86	6'0"	F	" "	81	4'0"	F	" "	84	2'0"	M
" "	88	7'0"	F	" "	83	5'0"	F	" "	87	4'0"	M
" "	87	5'0"	M	" "	78	1'0"	M	" "	83	5'0"	M
" "	79	1'6"	M	" "	81	3'0"	F	" "	78	1'6"	
" "	90	3'0"	M	" "	84	5'0"		" "	83	1'6"	
" "	80	3'6"	F	" "	83	6'0"		" "	76	1'6"	
" "	85	4'6"	M	" "	84	3'0"	F	" "	85	8'0"	F
" "	89	8'0"	F	" "	80	6'0"	F	" "	86	5'0"	F
" "	75	4'6"		" "	82	10'0"	F	" "	82	3'6"	M
" "	86	6'6"		" "	88	8'0"	M	" "	87	3'6"	M
" "	88	1'3"	M	" "	80	5'0"	M	" "	87	7'0"	M
" "	86	4'0"	F	4/12 "	82	7'0"	F	" "	86	3'0"	M
" "	89	5'0"	F	" "	85	6'0"	M	" "	85	1'6"	M
" "	89	6'0"	F	" "	76	2'6"	F	" "	88	5'0"	F
" "	88	5'0"	M	" "	83	7'0"	M	" "	82	3'0"	F
" "	89	7'0"	F	" "	89	5'0"	M	" "	77	3'0"	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.	
5/12 35	85	8' 0"	M	8/12 35	85	9' 0"	F	10/12 35	85	6' 0"	F
" "	88	5' 6"	F	" "	83	5' 0"	M	" "	88	8' 0"	M
" "	77	4' 0"		" "	81	6' 0"	F	" "	84	7' 0"	M
" "	84	5' 0"	M	" "	85	12' 0"	M	" "	85	7' 0"	F
" "	85	6' 0"	M	" "	82	3' 6"	M	" "	82	5' 0"	F
" "	86	6' 0"	M	" "	85	4' 0"	F	" "	85	6' 0"	F
" "	80	4' 0"	M	" "	87	6' 0"	M	" "	92	3' 0"	M
" "	86	10' 0"	F	" "	89	5' 0"	M	" "	78	5' 6"	F
6/12 "	83	4' 0"	M	" "	77	4' 0"	F	" "	88	3' 0"	M
" "	80	5' 0"	M	" "	76	3' 2"	M	" "	91	2' 0"	M
" "	77	1' 6"	F	" "	76	3' 0"	M	" "	83	7' 6"	F
" "	78	3' 6"	M	" "	84	10' 0"	M	" "	84	10' 4"	F
" "	85	4' 0"	M	" "	77	4' 0"		" "	77	4' 1"	M
" "	86	9' 0"	M	" "	86	2' 6"		" "	86	7' 0"	F
" "	89	5' 0"	F	" "	82	10' 0"	F	" "	83	10' 0"	M
" "	81	6' 0"	M	" "	85	6' 0"	F	" "	89	8' 0"	M
" "	79	6' 0"	M	" "	85	4' 6"	F	" "	94	6' 0"	
" "	79	6' 0"	M	" "	87	6' 0"	M	" "	92	9' 0"	M
" "	91	8' 0"	F	" "	85	5' 0"	F	" "	87	6' 0"	F
" "	85	7' 0"	M	9/12 "	90	6' 0"	M	" "	88	5' 0"	M
" "	80	7' 0"	M	" "	83	5' 0"	F	" "	84	6' 0"	F
" "	76	4' 0"	F	" "	83	5' 0"	F	" "	79	6' 0"	M
" "	86	3' 2"	M	" "	79	4' 6"	M	" "	88	1' 6"	M
" "	92	5' 0"	F	" "	85	5' 0"	M	" "	88	9' 0"	M
" "	90	7' 0"	F	" "	81	4' 0"	F	" "	87	8' 0"	M
" "	76	6' 0"		" "	89	9' 0"	M	11/12 "	83	2' 0"	M
" "	91	2' 0"		" "	85	2' 6"	F	" "	82	5' 0"	F
" "	84	8' 0"		" "	87	5' 0"	F	" "	87	6' 0"	M
" "	90	7' 0"		" "	87	8' 0"	M	" "	84	8' 0"	M
" "	89	3' 0"	M	" "	77	5' 0"	M	" "	90	10' 0"	F
" "	86	4' 0"	M	" "	72	3' 0"	M	" "	85	1' 6"	F
" "	90	5' 0"	F	" "	87	4' 0"	M	" "	85	10' 0"	M
7/12 "	81	4' 5"	F	" "	85	5' 0"	M	" "	86	9' 0"	F
" "	88	5' 0"	M	" "	93	5' 0"	F	" "	81	5' 0"	F
" "	81	3' 0"	M	" "	83	7' 0"	F	" "	81	9' 0"	M
" "	81	4' 6"	M	" "	93	9' 0"	F	" "	80	6' 0"	F
" "	79	3' 6"	F	" "	79	6' 0"	F	" "	86	3' 0"	F
" "	90	5' 0"	F	" "	83	6' 0"	M	" "	86	4' 0"	F
" "	88	8' 0"	M	" "	87	8' 0"	F	" "	90	7' 0"	F
" "	87	7' 0"	M	" "	88	3' 0"	M	" "	82	14' 0"	F
" "	84	7' 0"	M	" "	90	8' 0"	M	" "	87	8' 0"	
" "	94	8' 0"	F	" "	85	7' 0"	F	" "	85	6' 0"	
" "	78	5' 0"		" "	86	7' 6"	M	" "	79	5' 0"	F
" "	75	4' 0"	F	" "	86	6' 0"		" "	82	5' 0"	F
" "	92	7' 2"	M	" "	89	5' 0"		" "	83	12' 0"	M
" "	79	4' 8"	M	" "	87	3' 6"		" "	83	10' 0"	M
" "	81	5' 6"	F	" "	79	5' 0"	F	" "	89	9' 6"	M
" "	86	6' 6"		" "	82	4' 0"	M	" "	84	6' 0"	M
" "	83	8' 0"	F	" "	85	6' 0"	F	" "	84	8' 0"	F
" "	87	7' 0"	M	" "	88	9' 0"	M	" "	86	4' 0"	F
" "	89	7' 0"	F	" "	87	6' 0"	M	" "	85	5' 0"	M
" "	87	3' 0"	M	" "	87	11' 0"	F	" "	83	8' 0"	M
8/12 "	82	10' 0"	F	" "	76	4' 0"	F	" "	86	6' 0"	M
" "	94	7' 0"	M	" "	82	4' 0"	F	" "	77	4' 0"	F
" "	85	6' 0"	M	" "	77	3' 0"	F	12/12 "	84	5' 0"	M
" "	84	4' 0"	M	10/12 "	86	6' 0"	F	" "	74	1' 6"	F
" "	79	5' 0"	M	" "	91	4' 0"	F	" "	82	5' 0"	F
" "	88	4' 0"	M	" "	88	10' 0"	F	" "	85	6' 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.	
12/12 35	84	7' 0"	M	14/12 35	86	2' 0"	M	15/12 35	79	6' 0"	F
" "	90	3' 0"	M	" "	88	7' 0"	M	16/12 "	82	5' 0"	M
" "	88	5' 0"	M	" "	85	5' 0"	F	" "	82	9' 0"	M
" "	85	5' 0"	F	" "	85	9' 0"	F	" "	89	5' 0"	M
" "	78	5' 0"	M	" "	85	7' 0"	M	" "	85	7' 0"	F
" "	87	7' 0"	F	" "	93	6' 0"	M	" "	87	5' 0"	M
" "	80	5' 0"	F	" "	90	10' 0"	M	" "	82	8' 0"	M
" "	81	4' 0"	F	" "	85	9' 0"	M	" "	80	5' 0"	M
" "	81	3' 6"	F	" "	89	8' 0"	M	" "	85	6' 0"	M
" "	90	8' 0"	F	" "	87	6' 0"	F	" "	87	2' 0"	F
" "	87	6' 0"	M	" "	87	8' 0"	M	" "	85	3' 0"	M
" "	88	4' 0"	F	" "	82	8' 0"	F	" "	87	11' 0"	M
" "	87	11' 0"		" "	85	5' 0"	F	" "	86	1' 6"	M
" "	85	4' 0"	F	" "	88	8' 0"	F	" "	81	5' 4"	M
" "	86	7' 0"	F	" "	88	7' 0"	F	" "	82	4' 0"	
" "	86	8' 0"	F	" "	85	4' 0"	M	" "	90	6' 0"	
" "	88	8' 4"	F	" "	85	8' 0"	F	" "	90	10' 0"	
" "	83	7' 6"	F	" "	81	6' 0"	F	" "	83	4' 0"	M
" "	87	9' 4"		" "	81	8' 0"	F	" "	81	7' 0"	M
" "	82	4' 2"	M	" "	83	2' 0"	F	" "	84	5' 6"	F
" "	86	6' 0"	M	" "	89	10' 0"	F	" "	80	4' 0"	F
" "	88	8' 0"	M	" "	86	7' 0"	F	" "	82	4' 0"	F
" "	73	20' 0"		" "	87	9' 0"	F	" "	86	5' 0"	M
" "	82	6' 0"		" "	87	8' 0"	F	17/12 "	87	2' 0"	M
" "	89	8' 0"	F	" "	76	7' 0"	M	" "	89	4' 0"	M
" "	89	5' 0"	F	" "	87	3' 6"	M	" "	86	9' 9"	F
" "	94	9' 0"	F	" "	83	6' 0"	M	" "	76	5' 0"	F
" "	78	5' 0"	M	" "	88	6' 0"	M	" "	90	5' 6"	M
" "	79	3' 0"	F	" "	77	8' 0"	F	" "	89	5' 0"	F
" "	87	10' 0"	F	" "	90	6' 0"	M	" "	85	7' 0"	M
" "	90	10' 0"	M	" "	87	10' 0"	F	" "	82	3' 0"	M
" "	80	8' 0"	M	" "	86	5' 0"		" "	83	6' 0"	F
13/12 "	78	4' 0"	M	" "	86	1' 0"		" "	89	8' 0"	F
" "	93	10' 6"	F	" "	87	6' 0"		" "	84	3' 0"	M
" "	88	5' 0"	F	" "	83	0' 4"		" "	81	4' 0"	M
" "	78	5' 0"	M	" "	89	6' 0"	F	" "	80	7' 0"	M
" "	82	4' 0"	F	15/12 "	81	3' 0"	F	" "	88	5' 0"	F
" "	88	5' 0"	M	" "	80	4' 0"	F	" "	76	4' 0"	F
" "	90	7' 0"	M	" "	88	5' 0"	F	" "	80	4' 0"	M
" "	80	8' 0"	M	" "	84	7' 0"	M	" "	87	6' 0"	F
" "	84	8' 0"	F	" "	86	6' 0"	F	" "	79	5' 6"	F
" "	90	3' 0"	M	" "	84	2' 0"	M	" "	84	3' 0"	M
" "	88	8' 0"	F	" "	84	10' 0"	F	" "	84	3' 0"	F
" "	83	5' 0"	M	" "	80	7' 0"	M	" "	84	4' 0"	F
" "	84	7' 0"	M	" "	87	6' 0"	F	" "	85	9' 0"	F
" "	78	7' 0"	F	" "	75	3' 0"	F	" "	88	7' 0"	M
" "	86	4' 9"	F	" "	85	3' 0"	F	" "	84	5' 5"	M
" "	85	3' 0"	M	" "	83	3' 0"	M	" "	79	5' 3"	M
" "	86	8' 0"	M	" "	76	5' 0"	F	" "	77	7' 0"	
" "	86	11' 0"	M	" "	86	6' 0"	F	" "	72	5' 0"	
" "	92	7' 0"		" "	89	8' 0"	F	" "	82	10' 0"	
" "	83	5' 0"		" "	88	10' 6"	M	" "	87	12' 0"	M
" "	85	3' 0"	M	" "	82	7' 0"	F	" "	74	3' 0"	M
" "	80	6' 0"	M	" "	82	1' 0"	M	" "	90	5' 0"	F
" "	85	4' 0"	M	" "	76	3' 0"		18/12 "	79	4' 0"	M
" "	90	6' 0"	M	" "	84	5' 0"		" "	90	9' 0"	F
" "	77	5' 0"	F	" "	85	5' 6"	M	" "	87	2' 0"	M
" "	82	4' 6"	F	" "	84	5' 0"		" "	87	6' 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.	
18/12 35	86	11' 0"	F	19/12 35	84	5' 0"	F	21/12 35	88	8' 0"	F
" "	83	4' 0"	M	20/12 "	78	7' 0"	F	" "	86	5' 0"	F
" "	87	6' 0"	M	" "	80	5' 0"	F	" "	88	4' 0"	M
" "	89	7' 0"	F	" "	83	7' 3"	M	" "	82	6' 0"	M
" "	85	3' 0"	F	" "	81	6' 0"	F	" "	92	8' 0"	F
" "	87	5' 0"	F	" "	87	8' 0"	F	22/12 "	85	5' 0"	F
" "	82	6' 0"	M	" "	94	7' 0"	M	" "	84	5' 6"	F
" "	76	6' 0"	M	" "	74	10' 0"	F	" "	81	1' 6"	F
" "	84	5' 0"	M	" "	86	8' 0"	M	" "	87	3' 0"	F
" "	89	14' 0"	M	" "	91	2' 0"	F	" "	88	7' 0"	F
" "	87	4' 0"	F	" "	82	6' 0"	M	" "	86	6' 0"	F
" "	83	6' 0"	M	" "	78	4' 0"	F	" "	90	2' 0"	
" "	85	7' 0"	M	" "	88	4' 0"	M	" "	86	14' 0"	F
" "	80	6' 0"	F	" "	90	6' 0"	M	" "	82	6' 0"	M
" "	85	9' 0"	M	" "	84	10' 0"		" "	79	4' 0"	M
" "	87	6' 0"	F	" "	85	4' 0"		" "	86	2' 0"	
" "	81	6' 0"	F	" "	82	5' 0"		" "	84	9' 0"	
" "	87	4' 0"		" "	81	3' 0"		" "	86	5' 0"	
" "	78	4' 0"		" "	74	3' 0"		" "	88	4' 0"	F
" "	80	9' 0"	F	" "	83	6' 0"	F	" "	77	6' 0"	F
" "	78	12' 0"	F	" "	88	5' 0"	M	" "	87	16' 0"	M
" "	87	5' 6"	M	" "	87	0' 6"	M	" "	87	18' 0"	F
" "	83	11' 0"	F	" "	83	6' 0"	F	" "	83	11' 0"	F
" "	85	9' 0"	F	" "	82	5' 0"	F	" "	84	4' 0"	M
" "	84	8' 6"		" "	88	10' 0"	M	23/12 "	86	7' 0"	F
" "	89	8' 0"	F	" "	87	7' 0"	M	" "	87	9' 0"	F
" "	85	10' 0"	M	" "	83	5' 0"	M	" "	84	9' 0"	M
" "	82	4' 0"	M	" "	69	4' 0"	M	" "	87	6' 6"	F
" "	90	5' 6"	M	" "	79	6' 0"	F	" "	90	11' 0"	F
" "	83	10' 0"	F	" "	83	5' 0"	M	" "	89	1' 6"	M
19/12 "	83	8' 0"	M	" "	83	12' 0"	M	" "	84	8' 0"	M
" "	82	4' 0"	M	" "	88	14' 0"	M	" "	89	6' 0"	F
" "	85	4' 0"	M	21/12 "	85	8' 10"	F	" "	88	4' 0"	F
" "	74	2' 3"	F	" "	83	6' 0"	F	" "	87	7' 6"	M
" "	76	4' 0"	F	" "	90	12' 6"	F	" "	84	6' 0"	F
" "	88	3' 0"	M	" "	85	6' 0"	F	" "	78	4' 0"	F
" "	84	5' 0"	M	" "	90	7' 0"	M	" "	83	6' 0"	F
" "	91	7' 0"	F	" "	87	3' 0"	F	" "	85	10' 0"	M
" "	86	4' 0"	F	" "	83	3' 0"	F	" "	86	3' 0"	M
" "	82	6' 0"	F	" "	82	2' 0"	F	" "	90	14' 0"	F
" "	83	7' 0"	F	" "	85	8' 0"	M	24/12 "	88	3' 0"	M
" "	76	2' 0"		" "	84	7' 0"	M	" "	93	3' 0"	F
" "	74	5' 0"		" "	80	6' 0"	F	" "	86	5' 0"	F
" "	71	8' 0"		" "	84	10' 0"	M	" "	76	5' 0"	F
" "	86	7' 0"	F	" "	86	7' 0"	M	" "	90	9' 0"	M
" "	79	8' 4"		" "	85	6' 0"	F	" "	83	11' 0"	M
" "	88	6' 6"	M	" "	87	7' 0"	M	" "	80	5' 0"	M
" "	85	6' 0"	M	" "	86	6' 0"	F	" "	84	12' 0"	M
" "	87	7' 0"	M	" "	86	9' 0"	F	" "	86	8' 0"	M
" "	90	7' 0"	M	" "	89	6' 0"	M	" "	79	6' 0"	M
" "	85	8' 0"	M	" "	85	8' 0"	M	" "	76	5' 0"	M
" "	80	5' 0"	F	" "	86	5' 3"		" "	90	10' 0"	F
" "	85	3' 0"	M	" "	85	10' 0"		" "	90	5' 0"	F
" "	86	6' 0"	F	" "	84	5' 0"	F	" "	89	11' 0"	F
" "	88	1' 0"	M	" "	91	11' 0"	M	" "	84	7' 0"	F
" "	84	12' 0"		" "	84	12' 0"	M	" "	85	4' 0"	M
" "	91	12' 0"	F	" "	84	6' 0"	M	" "	81	2' 0"	F
" "	65	3' 6"	M	" "	81	8' 0"	M	" "	80	5' 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.	
24/12 35	86	15' 0"	F	27/12 35	88	4' 0"	F	31/12 35	78	6' 0"	F
" "	85	5' 0"	M	" "	83	10' 0"	M	" "	77	4' 0"	F
" "	84	14' 0"	F	28/12 "	92	13' 0"	M	" "	87	4' 0"	M
" "	80	5' 0"	M	" "	84	7' 0"	M	" "	90	11' 0"	F
25/12 "	86	4' 3"	M	" "	87	6' 0"	M	" "	93	13' 0"	F
" "	85	4' 0"	M	" "	78	7' 0"	M	" "	81	4' 0"	F
" "	88	6' 0"	F	" "	86	8' 0"	F	" "	88	7' 0"	M
" "	90	8' 0"	F	" "	85	5' 0"	M	" "	88	6' 0"	M
" "	82	8' 0"	F	" "	85	6' 0"	F	" "	79	6' 0"	M
" "	83	5' 6"	M	" "	91	6' 0"	M	" "	90	7' 0"	F
" "	85	6' 0"	M	" "	87	5' 0"	M	" "	92	4' 0"	F
" "	84	6' 0"	F	" "	87	3' 6"	M	" "	80	8' 0"	M
" "	87	10' 0"	M	" "	79	4' 0"	F	" "	84	5' 0"	M
" "	83	7' 0"	M	" "	89	8' 0"	M	" "	66	5' 0"	M
" "	88	10' 0"	M	" "	86	5' 0"	F	" "	82	7' 0"	M
" "	86	5' 0"	M	" "	80	3' 0"	F	1/1 36	84	7' 0"	M
" "	80	4' 0"	F	" "	87	11' 0"	F	" "	87	3' 0"	M
" "	85	5' 0"	M	" "	80	8' 0"	M	" "	88	10' 0"	F
26/12 "	90	10' 0"	F	" "	89	2' 0"	F	" "	85	6' 0"	F
" "	85	3' 0"	F	" "	86	15' 0"	F	" "	88	7' 0"	M
" "	84	6' 0"	F	" "	91	5' 0"	F	" "	81	8' 0"	F
" "	86	7' 0"	F	" "	83	10' 6"	"	" "	84	10' 0"	M
" "	81	5' 0"	M	" "	80	6' 0"	M	" "	86	11' 0"	M
" "	94	7' 0"	F	" "	87	5' 0"	F	" "	85	8' 0"	F
" "	84	6' 0"	F	" "	79	5' 0"	M	" "	89	6' 0"	F
" "	83	5' 0"	F	" "	89	22' 0"	M	" "	81	7' 0"	F
" "	83	5' 6"	M	29/12 "	86	9' 7"	F	" "	88	16' 0"	F
" "	87	8' 0"	F	" "	81	4' 0"	M	" "	80	7' 0"	M
" "	88	7' 0"	F	" "	87	4' 0"	F	" "	79	7' 0"	M
" "	84	3' 2"	F	" "	85	9' 0"	F	2/1 "	88	12' 3"	M
" "	80	6' 0"	F	" "	84	5' 0"	M	" "	79	7' 0"	F
" "	84	7' 0"	F	" "	75	5' 0"	M	" "	79	6' 0"	M
" "	87	7' 0"	"	" "	82	4' 0"	F	" "	82	3' 0"	M
" "	84	10' 0"	"	" "	82	7' 0"	F	" "	86	10' 0"	M
" "	84	3' 0"	M	" "	89	6' 0"	M	" "	88	9' 0"	M
" "	89	10' 0"	M	" "	83	9' 0"	M	" "	82	8' 0"	M
" "	91	4' 0"	M	" "	91	6' 0"	M	" "	90	9' 0"	M
" "	85	10' 0"	F	" "	85	4' 0"	M	" "	83	8' 6"	M
" "	89	10' 0"	M	" "	87	8' 6"	F	" "	87	3' 6"	F
" "	76	5' 0"	F	" "	89	5' 3"	M	" "	80	10' 0"	M
" "	87	12' 0"	F	" "	81	4' 0"	M	" "	85	6' 0"	M
27/12 "	80	7' 4"	F	" "	85	8' 0"	F	" "	85	8' 0"	F
" "	85	10' 0"	M	" "	82	9' 0"	"	" "	77	5' 0"	M
" "	78	4' 6"	M	" "	86	4' 0"	F	" "	88	3' 0"	F
" "	80	6' 0"	F	" "	88	10' 0"	F	" "	88	8' 0"	F
" "	84	9' 0"	M	" "	83	7' 0"	F	3/1 "	86	12' 6"	F
" "	85	6' 0"	F	" "	77	6' 0"	M	" "	85	9' 0"	M
" "	81	7' 0"	F	" "	77	8' 0"	F	" "	84	7' 0"	F
" "	88	9' 0"	M	30/12 "	87	7' 0"	F	" "	85	8' 0"	M
" "	94	2' 0"	F	" "	92	11' 0"	F	" "	86	15' 0"	F
" "	85	14' 0"	F	" "	81	1' 0"	M	" "	75	3' 3"	F
" "	86	9' 0"	F	" "	88	5' 0"	M	" "	85	4' 6"	"
" "	89	6' 8"	M	" "	87	9' 0"	F	" "	86	4' 0"	F
" "	82	8' 0"	M	" "	87	7' 0"	F	" "	87	13' 0"	F
" "	83	10' 6"	M	" "	83	8' 0"	F	" "	88	10' 0"	F
" "	90	6' 0"	"	" "	89	6' 0"	M	" "	85	4' 0"	M
" "	87	8' 0"	M	" "	83	4' 0"	M	" "	85	3' 0"	M
" "	90	7' 0"	M	" "	87	9' 0"	F	" "	86	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.	
<sup>3</sup> / <sub>1</sub> 36	82	8' 0"	F	<sup>5</sup> / <sub>1</sub> 36	86	6' 0"	F	<sup>8</sup> / <sub>1</sub> 36	85	2' 0"	F
" "	88	10' 0"	M	<sup>6</sup> / <sub>1</sub> "	84	8' 0"	M	" "	81	10' 0"	M
" "	82	12' 0"	F	" "	82	8' 0"	M	" "	79	9' 0"	M
" "	87	6' 0"	M	" "	79	6' 0"	M	" "	83	8' 0"	F
" "	86	10' 0"	F	" "	84	8' 0"	F	" "	84	8' 0"	F
" "	89	2' 0"	F	" "	86	12' 0"	F	" "	83	10' 0"	F
" "	90	4' 0"	F	" "	86	9' 0"	M	" "	84	10' 0"	F
" "	81	4' 6"	F	" "	85	12' 0"	F	" "	85	8' 0"	F
" "	85	7' 0"	M	" "	83	6' 0"	F	" "	82	6' 0"	F
<sup>4</sup> / <sub>1</sub> "	80	5' 0"	M	" "	86	10' 0"	M	" "	81	3' 0"	M
" "	86	12' 0"	M	" "	80	9' 0"	F	" "	68	8' 0"	M
" "	88	12' 0"	F	" "	84	12' 0"	F	" "	88	4' 6"	M
" "	88	6' 0"	M	" "	85	5' 0"	F	" "	89	1' 0"	F
" "	84	6' 0"	F	" "	80	5' 0"	F	" "	92	7' 6"	F
" "	80	8' 0"	M	" "	86	9' 0"	F	" "	86	12' 0"	M
" "	88	8' 0"	F	" "	82	10' 0"	F	" "	90	10' 0"	M
" "	87	16' 0"	F	" "	87	10' 0"	F	" "	88	7' 0"	M
" "	79	6' 0"	F	" "	78	13' 6"	F	" "	83	5' 0"	M
" "	77	4' 0"	F	" "	83	9' 6"	M	" "	84	7' 0"	M
" "	84	5' 0"	M	" "	88	8' 0"	M	" "	82	6' 0"	M
" "	83	13' 6"	M	" "	82	8' 0"	F	" "	80	4' 0"	M
" "	84	6' 0"	M	" "	85	8' 8"	F	" "	85	1' 6"	M
" "	80	9' 0"	F	" "	90	6' 0"	M	" "	80	4' 0"	F
" "	86	9' 0"	F	" "	85	6' 0"	M	<sup>9</sup> / <sub>1</sub> "	81	7' 2"	M
" "	89	12' 0"	M	" "	84	7' 0"	M	" "	88	12' 0"	M
" "	87	5' 0"	F	" "	81	7' 0"	F	" "	86	4' 0"	F
" "	81	6' 0"	F	<sup>7</sup> / <sub>1</sub> "	79	5' 0"	M	" "	89	12' 0"	M
" "	82	5' 0"	F	" "	81	10' 0"	M	" "	87	5' 6"	M
" "	82	11' 0"	F	" "	87	11' 0"	F	" "	88	9' 0"	M
" "	78	7' 0"	F	" "	89	7' 0"	F	" "	89	11' 0"	M
<sup>5</sup> / <sub>1</sub> "	85	8' 3"	F	" "	86	12' 0"	F	" "	82	6' 0"	M
" "	87	5' 0"	F	" "	86	8' 0"	M	" "	85	8' 0"	F
" "	86	4' 0"	F	" "	81	11' 0"	F	" "	90	3' 0"	M
" "	78	8' 0"	F	" "	84	8' 0"	M	" "	80	6' 0"	M
" "	85	5' 0"	F	" "	74	5' 0"	F	" "	94	3' 0"	M
" "	87	3' 0"	F	" "	86	5' 0"	F	" "	86	8' 6"	M
" "	80	10' 3"	F	" "	92	9' 0"	M	" "	86	11' 0"	F
" "	87	11' 0"	M	" "	89	9' 0"	F	" "	82	7' 0"	F
" "	80	5' 0"	F	" "	85	9' 0"	M	" "	89	10' 0"	M
" "	78	6' 0"	M	" "	84	6' 6"	F	" "	89	12' 0"	M
" "	82	8' 0"	M	" "	84	13' 0"	F	" "	87	5' 0"	M
" "	80	8' 0"	F	" "	82	5' 0"	M	" "	81	10' 0"	F
" "	84	7' 0"	M	" "	82	7' 0"	F	" "	87	1' 0"	M
" "	84	8' 0"	F	" "	86	10' 0"	M	" "	85	5' 0"	F
" "	85	4' 0"	F	" "	84	6' 4"	M	<sup>10</sup> / <sub>1</sub> "	83	7' 0"	F
" "	84	5' 0"	F	" "	80	5' 0"	M	" "	85	10' 0"	M
" "	80	6' 0"	M	" "	91	9' 0"	M	" "	88	6' 0"	M
" "	84	13' 0"	F	" "	84	10' 0"	F	" "	84	3' 0"	F
" "	79	4' 0"	F	" "	82	4' 0"	F	" "	82	10' 0"	F
" "	84	6' 0"	M	" "	91	7' 0"	F	" "	86	11' 0"	F
" "	95	8' 8"	M	" "	83	5' 0"	F	" "	83	12' 0"	F
" "	87	6' 0"	M	" "	80	10' 0"	M	" "	86	5' 0"	M
" "	90	8' 0"	M	" "	90	5' 0"	F	" "	88	7' 0"	F
" "	86	6' 0"	M	<sup>8</sup> / <sub>1</sub> "	87	9' 0"	M	" "	85	7' 0"	M
" "	88	16' 0"	M	" "	81	7' 0"	M	" "	78	9' 0"	M
" "	88	15' 0"	M	" "	85	8' 0"	M	" "	86	14' 0"	M
" "	84	2' 6"	M	" "	92	6' 0"	F	" "	88	14' 0"	M
" "	82	10' 0"	F	" "	88	9' 0"	F	" "	85	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.	
10/1 36	87	15' 0"	M	13/1 36	85	8' 0"	M	18/1 36	71	2' 0"	F
" "	85	5' 0"	M	" "	82	10' 0"	F	" "	84	10' 0"	F
" "	84	6' 0"	F	14/1 "	79	10' 0"	M	" "	89	14' 1"	F
" "	88	9' 0"	M	" "	82	5' 0"	M	" "	89	8' 0"	F
11/1 "	89	6' 0"	M	" "	81	5' 0"	M	" "	80	6' 0"	F
" "	89	7' 0"	M	" "	82	5' 0"	F	19/1 "	94	16' 0"	F
" "	87	9' 0"	M	" "	89	3' 0"	M	" "	85	5' 0"	M
" "	82	7' 0"	F	" "	81	7' 6"	M	" "	88	12' 0"	F
" "	84	10' 0"	F	" "	85	9' 0"	F	" "	85	17' 0"	M
" "	79	6' 0"	F	" "	84	6' 0"	F	" "	89	13' 0"	M
" "	83	16' 0"	F	" "	85	1' 0"	F	" "	87	12' 0"	F
" "	84	5' 0"	F	" "	88	12' 0"	F	" "	90	11' 0"	M
" "	86	6' 0"	M	" "	87	8' 6"	F	" "	79	7' 0"	M
" "	74	7' 0"	M	" "	87	8' 6"	F	" "	87	8' 0"	M
" "	88	9' 0"	M	" "	80	6' 0"	F	" "	88	11' 0"	F
" "	85	7' 0"	F	" "	83	5' 0"	F	" "	85	9' 0"	M
" "	91	11' 8"	F	15/1 "	87	5' 0"	M	" "	79	8' 0"	M
" "	80	8' 0"	F	" "	89	10' 0"	F	" "	83	9' 0"	M
12/1 "	88	9' 0"	M	" "	91	9' 0"	F	" "	80	8' 0"	F
" "	89	12' 0"	M	" "	84	10' 0"	M	" "	86	13' 0"	M
" "	90	5' 0"	F	" "	85	6' 0"	F	" "	83	8' 0"	F
" "	91	5' 6"	F	" "	84	8' 0"	F	" "	88	12' 6"	F
" "	87	7' 0"	F	" "	81	9' 0"	M	20/1 "	86	5' 0"	F
" "	81	8' 0"	F	" "	79	9' 6"	F	" "	84	9' 0"	F
" "	82	5' 0"	F	" "	86	11' 6"	F	" "	86	5' 0"	F
" "	80	6' 0"	M	" "	88	6' 8"	M	" "	87	4' 0"	M
" "	82	10' 0"	M	" "	87	12' 0"	F	" "	87	10' 0"	F
" "	81	7' 0"	M	" "	86	10' 0"	F	" "	90	15' 0"	F
" "	84	9' 0"	F	16/1 "	88	12' 3"	M	" "	91	9' 0"	F
" "	84	7' 6"	F	" "	81	11' 0"	F	" "	93	16' 0"	M
" "	87	13' 6"	F	" "	88	16' 0"	F	" "	87	8' 0"	F
" "	86	5' 0"	M	" "	82	8' 6"	M	" "	89	12' 0"	F
" "	86	5' 6"	M	" "	84	11' 0"	F	" "	82	9' 0"	M
" "	84	9' 6"	M	" "	84	11' 0"	M	" "	81	9' 0"	M
" "	89	14' 0"	M	" "	89	12' 0"	F	" "	84	7' 0"	F
" "	84	8' 0"	F	" "	85	10' 0"	M	" "	84	12' 0"	M
" "	87	7' 0"	M	" "	85	11' 0"	F	" "	92	12' 6"	F
" "	91	7' 6"	M	" "	83	6' 0"	F	" "	77	4' 6"	M
" "	88	16' 0"	M	" "	88	5' 0"	F	" "	81	1' 0"	F
" "	81	12' 0"	M	" "	80	5' 6"	F	" "	83	8' 6"	F
" "	81	5' 0"	F	" "	87	18' 0"	M	" "	83	8' 0"	M
" "	85	10' 0"	M	" "	84	4' 0"	F	" "	81	10' 0"	F
" "	83	12' 0"	M	17/1 "	86	6' 0"	M	" "	88	14' 0"	M
" "	86	15' 0"	F	" "	80	10' 0"	M	" "	79	8' 0"	M
13/1 "	83	6' 0"	F	" "	82	10' 0"	F	" "	88	16' 0"	M
" "	86	15' 5"	F	" "	88	11' 6"	M	21/1 "	77	8' 0"	F
" "	90	14' 0"	M	" "	79	8' 6"	F	" "	81	8' 0"	F
" "	86	12' 0"	F	" "	84	10' 0"	M	" "	85	15' 0"	M
" "	86	7' 0"	M	" "	91	4' 6"	F	" "	86	9' 0"	F
" "	83	7' 0"	M	" "	77	8' 0"	F	" "	87	6' 0"	M
" "	84	{ 5' 0"	M	" "	85	14' 0"	F	" "	94	12' 0"	M
" "	86	{ 5' 0"	M	" "	90	14' 0"	F	" "	85	6' 0"	M
" "	86	10' 0"	F	" "	92	15' 0"	M	" "	83	7' 0"	M
" "	80	7' 0"	M	18/1 "	88	10' 0"	M	" "	87	12' 0"	M
" "	87	6' 6"	F	" "	88	16' 0"	M	" "	91	9' 0"	F
" "	83	10' 0"	M	" "	77	6' 0"	F	" "	88	12' 0"	M
" "	77	5' 0"	F	" "	85	10' 0"	F	" "	84	6' 0"	M
" "	84	13' 0"	M	" "	74	8' 0"	M	" "	87	8' 6"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
21/1 36	85	9' 6"	M	24/1 36	88	12' 0"	M	26/1 36	93	12' 0"	F
" "	83	7' 5"	M	" "	87	7' 0"	F	" "	89	18' 0"	M
" "	88	6' 0"	F	" "	78	9' 0"	F	" "	82	18' 0"	M
" "	87	12' 10"	F	" "	86	15' 0"	F	" "	84	13' 0"	M
" "	83	15' 0"	F	" "	80	14' 0"	F	" "	88	8' 0"	F
" "	86	11' 0"	F	" "	82	6' 0"	F	" "	87	8' 0"	F
" "	83	6' 0"	F	" "	85	14' 0"	F	27/1 "	85	8' 0"	M
" "	84	10' 0"	F	" "	79	8' 0"	M	" "	87	19' 0"	M
" "	94	11' 0"	F	" "	88	13' 0"	M	" "	88	18' 0"	F
" "	88	17' 0"	M	" "	79	3' 9"	M	" "	91	17' 0"	F
" "	85	12' 0"	M	" "	88	7' 7"	M	" "	87	14' 0"	M
" "	82	8' 0"	F	" "	93	10' 0"	F	" "	89	13' 0"	F
22/1 "	88	6' 0"	M	" "	89	9' 0"	F	" "	80	8' 0"	F
" "	83	14' 0"	M	" "	80	5' 0"	F	" "	84	10' 6"	F
" "	85	6' 0"	F	" "	87	6' 0"	F	" "	80	11' 0"	M
" "	86	7' 0"	M	" "	85	15' 0"	F	" "	79	8' 0"	M
" "	91	12' 0"	M	" "	89	12' 0"	M	" "	75	2' 6"	F
" "	87	13' 0"	M	25/1 "	81	3' 0"	M	" "	86	13' 0"	M
" "	84	12' 0"	M	" "	80	10' 6"	F	" "	81	9' 0"	M
" "	83	11' 0"	F	" "	80	9' 0"	M	" "	87	11' 0"	F
" "	82	10' 0"	M	" "	90	12' 0"	F	" "	89	4' 11"	F
" "	85	9' 0"	F	" "	89	2' 0"	M	" "	81	9' 0"	F
" "	78	7' 0"	F	" "	87	12' 0"	F	" "	80	9' 3"	M
" "	80	12' 0"	F	" "	86	6' 0"	M	" "	94	6' 0"	F
" "	76	5' 0"	M	" "	89	11' 0"	M	" "	94	17' 0"	F
" "	86	14' 0"	F	" "	86	12' 0"	F	" "	87	8' 0"	F
" "	86	14' 0"	M	" "	92	13' 0"	F	" "	85	12' 0"	F
" "	89	6' 0"	F	" "	78	7' 0"	M	" "	81	9' 0"	M
" "	88	11' 0"	F	" "	80	11' 0"	F	" "	87	8' 0"	F
" "	85	8' 0"	M	" "	85	17' 0"	F	" "	81	13' 0"	F
" "	90	11' 0"	F	" "	90	8' 6"	M	" "	89	8' 0"	F
" "	88	8' 0"	F	" "	86	8' 0"	M	28/1 "	87	10' 0"	F
" "	86	5' 0"	F	" "	91	8' 0"	F	" "	87	8' 0"	M
" "	85	20' 0"	F	" "	80	10' 0"	F	" "	91	7' 0"	M
" "	95	14' 0"	M	" "	83	4' 0"	F	" "	80	10' 0"	M
" "	91	5' 6"	F	" "	80	10' 0"	F	" "	75	3' 0"	F
" "	82	12' 0"	F	" "	84	4' 0"	F	" "	91	13' 0"	M
" "	88	17' 0"	M	" "	85	8' 0"	M	" "	85	6' 0"	M
" "	89	16' 0"	M	" "	92	12' 0"	F	" "	84	8' 0"	M
" "	86	4' 6"	F	" "	91	17' 0"	F	" "	73	4' 0"	F
23/1 "	80	7' 0"	M	" "	83	10' 0"	F	" "	89	16' 0"	M
" "	86	13' 0"	F	26/1 "	92	14' 0"	F	" "	92	15' 0"	M
" "	88	8' 0"	M	" "	84	8' 0"	M	" "	78	5' 0"	F
" "	78	3' 0"	F	" "	83	12' 0"	M	29/1 "	84	5' 0"	M
" "	81	13' 0"	F	" "	91	10' 0"	F	" "	84	10' 0"	F
" "	87	13' 0"	F	" "	84	15' 0"	M	" "	83	15' 0"	M
" "	86	13' 0"	F	" "	90	16' 0"	F	" "	76	7' 0"	M
" "	93	10' 0"	F	" "	74	9' 0"	F	" "	86	12' 0"	M
" "	79	9' 0"	F	" "	80	8' 0"	F	" "	87	12' 0"	M
" "	85	5' 0"	F	" "	80	4' 4"	F	" "	83	4' 0"	M
" "	83	5' 0"	M	" "	87	4' 4"	F	" "	90	10' 0"	F
" "	85	14' 0"	M	" "	87	4' 4"	F	" "	82	5' 0"	M
" "	83	5' 0"	M	" "	87	13' 0"	M	" "	83	8' 0"	M
24/1 "	86	3' 0"	F	" "	80	13' 0"	F	" "	83	14' 0"	M
" "	84	5' 0"	M	" "	89	8' 0"	F	" "	87	9' 0"	M
" "	78	8' 0"	F	" "	91	9' 3"	M	" "	89	3' 0"	M
" "	89	12' 0"	M	" "	88	10' 8"	M	" "	75	5' 0"	M
" "	87	15' 0"	M	" "	87	10' 4"	M	" "	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.	
29/1 36	84	10' 0"	M	2/2 36	86	10' 0"	M	6/2 36	89	6' 0"	F
" "	77	3' 0"	F	" "	86	7' 0"		" "	81	12' 6"	F
" "	86	4' 0"	M	" "	88	14' 0"		" "	84	4' 0"	F
" "	85	13' 0"	M	" "	89	11' 0"	F	" "	79	11' 0"	F
" "	88	13' 0"	M	" "	79	12' 0"	M	" "	91	12' 0"	F
" "	82	8' 0"	F	3/2 "	85	6' 0"	F	" "	87	18' 0"	M
" "	81	8' 0"	F	" "	79	6' 0"	F	" "	85	15' 0"	M
" "	84	10' 0"	F	" "	80	13' 0"	M	7/2 "	90	10' 0"	F
30/1 "	81	6' 0"	F	" "	85	15' 3"	M	" "	86	18' 0"	M
" "	87	8' 0"	F	" "	86	4' 0"		" "	87	20' 0"	F
" "	88	10' 0"	F	" "	85	12' 0"		" "	82	10' 6"	F
" "	85	15' 0"	F	" "	82	17' 0"	M	" "	81	11' 0"	M
" "	85	11' 0"	F	" "	84	14' 0"	M	" "	86	15' 0"	M
" "	87	12' 0"	F	" "	84	14' 0"	M	" "	78	5' 0"	F
" "	86	13' 0"	M	" "	88	11' 0"	M	" "	86	12' 0"	M
" "	85	8' 0"		4/2 "	87	14' 0"	F	" "	88	19' 0"	M
" "	88	9' 0"		" "	83	5' 0"	M	" "	79	5' 0"	M
" "	85	4' 0"	F	" "	81	15' 0"	M	" "	84	10' 0"	M
" "	84	10' 0"	F	" "	82	15' 0"	F	" "	82	7' 0"	F
" "	90	19' 0"	F	" "	83	11' 0"	F	" "	90	18' 0"	F
" "	81	17' 0"	F	" "	85	17' 0"	F	" "	80	8' 0"	F
31/1 "	80	7' 0"	M	" "	79	13' 0"	M	8/2 "	80	5' 0"	F
" "	83	8' 0"	M	" "	73	7' 0"		" "	86	6' 0"	M
" "	86	9' 0"	M	" "	83	11' 0"	F	" "	84	14' 0"	F
" "	87	5' 0"	F	" "	86	13' 0"	M	" "	85	7' 6"	F
" "	87	7' 0"	F	" "	79	6' 0"	F	" "	86	10' 3"	F
" "	81	15' 0"	F	5/2 "	86	17' 0"	F	" "	90	14' 0"	M
" "	86	4' 0"	M	" "	86	12' 0"	F	" "	89	14' 0"	
" "	71	6' 6"	F	" "	81	8' 0"	F	" "	84	5' 0"	M
" "	88	8' 0"		" "	84	15' 0"	M	" "	80	10' 0"	F
" "	83	10' 0"		" "	85	12' 0"	F	" "	87	13' 0"	F
" "	83	10' 0"	F	" "	78	12' 0"	F	" "	92	10' 0"	F
" "	86	17' 0"	F	" "	85	9' 6"	M	" "	75	8' 0"	F
" "	86	7' 0"	F	" "	80	10' 0"	M	" "	88	20' 0"	F
" "	84	11' 0"	M	" "	79	6' 6"	F	9/2 "	83	18' 0"	F
" "	85	10' 0"	F	" "	87	13' 0"	M	" "	85	15' 0"	F
1/2 "	87	14' 0"	F	" "	84	10' 8"	F	" "	88	5' 0"	M
" "	87	11' 0"	M	" "	86	11' 0"	F	" "	86	13' 0"	F
" "	80	7' 0"	F	" "	91	17' 0"		" "	91	12' 0"	M
" "	76	6' 0"	M	" "	82	8' 0"	F	" "	90	8' 0"	F
" "	86	13' 0"	F	" "	85	15' 0"	M	" "	84	7' 0"	M
" "	83	9' 0"	F	" "	81	4' 0"	M	" "	82	11' 0"	M
" "	85	15' 0"	M	" "	85	10' 0"	M	" "	82	12' 0"	F
" "	80	10' 0"	M	" "	89	5' 0"	F	" "	92	15' 0"	F
" "	75	6' 0"	M	" "	77	3' 0"	M	" "	87	13' 0"	F
" "	86	17' 0"	F	" "	84	10' 0"	M	" "	88	14' 9"	M
" "	92	10' 0"	F	6/2 "	85	5' 0"	M	" "	84	13' 0"	M
" "	91	11' 0"	M	" "	84	15' 0"	F	" "	86	10' 0"	F
" "	88	8' 0"	M	" "	81	18' 0"	F	" "	73	7' 0"	F
" "	83	14' 0"	M	" "	85	20' 0"	F	10/2 "	87	14' 0"	F
" "	89	20' 6"	M	" "	82	6' 0"	F	" "	83	16' 0"	F
" "	88	15' 0"	M	" "	82	13' 0"	F	" "	85	7' 6"	M
" "	92	17' 0"	M	" "	75	14' 0"	F	" "	85	10' 0"	M
2/2 "	75	7' 0"	F	" "	86	7' 0"	M	" "	83	10' 0"	M
" "	87	18' 0"	F	" "	80	8' 0"	M	" "	81	12' 0"	F
" "	89	11' 0"	M	" "	84	8' 0"	M	" "	84	10' 0"	F
" "	82	5' 0"	M	" "	80	8' 0"	M	" "	84	9' 0"	F
" "	88	10' 9"	M	" "	82	13' 0"	F	" "	81	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.	
10 <sup>1</sup> / <sub>2</sub> 36	84	9' 0"	M	15 <sup>1</sup> / <sub>2</sub> 36	85	15' 0"	F	21 <sup>1</sup> / <sub>2</sub> 36	86	9' 0"	F
" "	89	13' 0"	M	16 <sup>1</sup> / <sub>2</sub> "	83	13' 0"	M	" "	82	12' 0"	M
" "	83	10' 3"	M	" "	72	9' 0"	F	22 <sup>1</sup> / <sub>2</sub> "	86	20' 0"	F
" "	84	5' 0"	F	" "	84	10' 0"	F	" "	84	20' 0"	M
" "	80	15' 0"	M	" "	88	13' 0"	M	" "	89	21' 0"	M
" "	83	12' 0"	M	" "	89	14' 4"	M	" "	82	11' 0"	M
" "	85	8' 0"	F	" "	82	10' 0"	F	" "	90	15' 0"	M
" "	86	12' 0"	F	" "	84	4' 0"	F	" "	86	16' 0"	M
11 <sup>1</sup> / <sub>2</sub> "	74	14' 0"	F	17 <sup>1</sup> / <sub>2</sub> "	82	13' 0"	M	" "	88	18' 0"	F
" "	86	7' 0"	M	" "	88	18' 0"	M	" "	93	19' 0"	M
" "	90	9' 0"	M	" "	84	19' 0"	M	" "	86	9' 0"	M
" "	86	17' 0"	M	" "	86	11' 0"	F	" "	88	20' 0"	M
" "	76	7' 0"	F	" "	90	9' 0"	F	" "	84	17' 0"	F
" "	84	13' 0"	M	" "	85	14' 6"	F	" "	86	14' 0"	M
" "	83	8' 0"	F	18 <sup>1</sup> / <sub>2</sub> "	83	12' 0"	F	" "	78	8' 0"	M
" "	85	10' 0"	F	" "	88	7' 6"	M	23 <sup>1</sup> / <sub>2</sub> "	86	19' 6"	M
" "	86	19' 0"	M	" "	84	10' 0"	F	24 <sup>1</sup> / <sub>2</sub> "	86	16' 0"	M
" "	80	14' 0"	M	" "	91	14' 0"	M	" "	88	18' 0"	F
" "	82	10' 0"	F	" "	84	10' 0"	F	" "	80	13' 0"	M
12 <sup>1</sup> / <sub>2</sub> "	87	10' 0"	F	19 <sup>1</sup> / <sub>2</sub> "	79	5' 0"	M	" "	85	10' 0"	M
" "	81	5' 0"	F	" "	81	14' 0"	F	" "	83	16' 0"	M
" "	90	17' 10"	F	" "	81	13' 0"	M	" "	77	18' 0"	M
" "	87	10' 0"	F	" "	82	9' 6"	F	" "	85	21' 0"	F
" "	87	10' 0"	F	" "	80	10' 0"	F	" "	86	22' 0"	F
" "	82	12' 0"	F	" "	83	4' 3"	M	" "	89	6' 0"	M
" "	78	14' 0"	M	" "	84	10' 0"	M	" "	85	10' 0"	F
" "	91	18' 0"	M	" "	81	16' 0"	M	" "	87	14' 0"	M
" "	87	6' 0"	F	" "	91	8' 0"	M	" "	88	8' 0"	M
13 <sup>1</sup> / <sub>2</sub> "	80	12' 0"	F	" "	76	9' 0"	M	" "	74	19' 0"	F
" "	83	13' 0"	F	" "	80	13' 0"	M	25 <sup>1</sup> / <sub>2</sub> "	90	9' 0"	M
" "	81	9' 0"	F	" "	82	12' 0"	M	" "	85	14' 0"	M
" "	88	{10' 6"	M	" "	80	6' 0"	M	" "	89	17' 0"	M
" "		{13' 0"	F	20 <sup>1</sup> / <sub>2</sub> "	82	13' 0"	F	" "	77	12' 0"	M
" "	82	11' 2"	F	" "	86	6' 0"	F	" "	78	7' 0"	F
" "	88	14' 0"	M	" "	85	6' 0"	M	" "	85	16' 0"	M
" "	88	9' 0"	F	" "	91	11' 0"	F	" "	88	15' 0"	M
" "	89	10' 0"	F	" "	80	9' 0"	F	" "	84	16' 0"	M
" "	91	15' 0"	M	" "	88	13' 6"	F	" "	87	13' 0"	M
" "	85	5' 0"	M	" "	90	13' 0"	M	26 <sup>1</sup> / <sub>2</sub> "	85	10' 0"	M
" "	85	10' 0"	M	" "	82	17' 0"	M	" "	87	11' 0"	F
14 <sup>1</sup> / <sub>2</sub> "	80	11' 0"	F	" "	81	11' 6"	M	" "	86	18' 0"	F
" "	87	8' 0"	M	" "	90	6' 0"	M	" "	82	12' 6"	M
" "	83	20' 0"	M	" "	84	13' 4"	F	" "	85	18' 0"	F
" "	85	12' 0"	M	" "	83	15' 0"	M	" "	82	4' 0"	
" "	90	12' 0"	M	" "	74	4' 0"	M	" "	80	12' 0"	F
" "	85	12' 0"	M	" "	76	7' 0"	M	" "	85	13' 0"	F
" "	88	10' 0"	F	" "	92	10' 0"	F	27 <sup>1</sup> / <sub>2</sub> "	89	22' 0"	M
" "	86	8' 0"	F	" "	86	20' 0"	M	" "	77	10' 0"	M
" "	85	14' 0"	M	" "	84	14' 0"	M	" "	85	14' 0"	F
15 <sup>1</sup> / <sub>2</sub> "	77	8' 0"	M	" "	83	14' 0"	F	" "	89	15' 0"	F
" "	78	13' 0"	F	" "	81	18' 0"	M	28 <sup>1</sup> / <sub>2</sub> "	82	10' 0"	F
" "	86	15' 0"	F	21 <sup>1</sup> / <sub>2</sub> "	81	12' 0"	F	" "	90	16' 0"	M
" "	83	14' 0"	M	" "	81	8' 0"	M	" "	90	18' 6"	F
" "	87	10' 0"	M	" "	75	10' 0"	F	" "	87	14' 0"	F
" "	87	14' 0"	F	" "	92	8' 8"	M	" "	92	18' 0"	M
" "	83	16' 0"	F	" "	88	10' 0"	M	" "	90	17' 0"	M
" "	87	15' 0"	M	" "	85	10' 0"	F	" "	74	7' 0"	F
" "	83	10' 0"	F	" "	82	8' 0"	M	" "	83	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.	
$29\frac{1}{2}$ 36	84	6' 0"	F	$4\frac{1}{3}$ 36	89	17' 0"	F	$7\frac{1}{3}$ 36	84	10' 9"	F
" "	80	11' 0"	F	" "	87	11' 6"	F	" "	87	16' 0"	F
" "	89	17' 6"	F	" "	87	14' 0"	F	" "	83	9' 0"	F
" "	85	17' 0"	M	" "	88	12' 4"	M	" "	86	10' 0"	
" "	89	13' 0"	M	" "	79	7' 0"	M	" "	82	12' 0"	M
" "	87	18' 0"	F	" "	84	16' 0"	F	$8\frac{1}{3}$ "	88	17' 6"	F
" "	89	18' 4"	F	" "	88	20' 0"	F	" "	90	20' 0"	M
" "	85	4' 0"	F	" "	86	20' 0"	F	" "	91	17' 0"	M
" "	84	24' 0"	F	$5\frac{1}{3}$ "	84	11' 0"	F	" "	83	19' 0"	M
" "	72	10' 0"		" "	81	15' 0"	M	" "	90	3' 0"	M
" "	83	10' 0"	F	" "	89	14' 0"	F	" "	90	17' 6"	M
" "	87	15' 0"	M	" "	84	19' 0"	M	" "	86	22' 0"	
$1\frac{1}{3}$ "	81	5' 0"	F	" "	80	14' 0"	F	$8\frac{1}{3}$ "	89	12' 0"	M
" "	78	7' 0"	F	" "	81	17' 0"	F	" "	85	20' 0"	F
" "	84	15' 0"	F	" "	86	16' 9"	F	" "	88	13' 0"	F
" "	95	18' 0"	M	" "	84	12' 0"	F	" "	80	17' 0"	M
" "	84	20' 0"	F	" "	76	13' 0"	F	" "	85	12' 6"	M
" "	91	22' 0"	F	" "	90	10' 4"	F	" "	82	10' 0"	M
" "	89	14' 0"	M	$6\frac{1}{3}$ "	84	9' 0"	F	" "	86	14' 0"	F
" "	83	9' 0"	F	" "	84	14' 0"	F	" "	90	17' 0"	M
" "	86	11' 0"	M	" "	83	14' 0"	M	" "	86	12' 4"	M
" "	88	15' 0"	M	" "	82	14' 0"	M	" "	89	21' 0"	
$2\frac{1}{3}$ "	85	19' 0"	F	" "	88	19' 0"	F	$10\frac{1}{3}$ "	76	10' 0"	M
" "	93	8' 0"	F	" "	88	16' 0"	M	" "	85	8' 0"	F
" "	80	16' 0"		" "	83	14' 0"	M	" "	82	12' 6"	F
$3\frac{1}{3}$ "	85	18' 0"	M	" "	80	12' 6"	M	$11\frac{1}{3}$ "	78	8' 6"	M
" "	77	15' 0"	F	" "	83	19' 0"	F	" "	86	12' 0"	F
" "	81	13' 0"		" "	83	13' 0"	F	" "	89	18' 0"	M
" "	81	13' 0"		" "	82	15' 0"	M	" "	79	11' 0"	F
" "	88	20' 0"	F	$7\frac{1}{3}$ "	85	14' 0"	F	" "	81	16' 0"	M
" "	86	23' 6"	M	" "	85	10' 2"	M	" "	83	10' 0"	M
" "	78	15' 0"		" "	88	10' 0"	F	" "	83	22' 0"	M
" "	88	14' 0"	F	" "	88	15' 0"	F	" "	84	9' 0"	
" "	85	14' 0"	M	" "	87	12' 0"	F	$12\frac{1}{3}$ "	88	25' 0"	F
$4\frac{1}{3}$ "	86	17' 0"	M	" "	85	16' 0"	M	$13\frac{1}{3}$ "	88	10' 0"	F
" "	85	16' 0"	M	" "	89	15' 0"	F	" "	80	15' 0"	M
" "	85	12' 0"	M	" "	85	18' 0"	M	$14\frac{1}{3}$ "	86	5' 6"	M
" "	83	9' 0"	M	" "	81	14' 3"	F	$15\frac{1}{3}$ "	86	20' 0"	M
" "	82	18' 0"	F	" "	84	10' 4"	M	$16\frac{1}{3}$ "	84	15' 0"	M
" "	82	18' 0"	F	" "	82	14' 5"	F	" "			

Total 1,844 blue-whale foetuses, of which 842 males and 863 females. Sex was not stated for 139 foetuses. Of the 1,705 foetuses, for which sex was stated, 49.38 per cent were males and 50.62 per cent females.

Table No. 7 (cont.).

**2. Fin-whale foetuses**  
measured in the Southern Seas in the season 1935/36.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
27/10 35	74	6'0"		12/12 35	71	5'0"	F	17/12 35	71	3'0"	
28/10 "	77	2'0"	F	" "	68	5'0"	F	" "	73	0'6"	
8/11 "	63	10'0"		13/12 "	71	4'9"		" "	72	3'0"	M
" "	72	2'0"		" "	75	8'0"	M	" "	75	2'0"	F
" "	68	2'0"		" "	72	4'3"	M	" "	67	5'0"	F
13/11 "	77	4'0"	F	" "	76	6'6"	F	18/12 "	74	2'9"	F
1/12 "	72	2'0"		" "	75	1'6"	M	" "	75	6'6"	F
2/12 "	73	1'0"	F	" "	77	4'6"	M	" "	72	7'0"	
" "	66	5'0"	M	14/12 "	75	4'6"	M	" "	70	7'0"	
3/12 "	67	4'0"	M	" "	75	3'6"	F	" "	76	6'0"	M
4/12 "	77	6'0"	M	" "	77	4'2"	F	" "	74	10'0"	F
" "	68	3'0"	F	" "	76	4'6"	F	" "	76	5'0"	F
" "	69	4'0"	F	" "	68	5'2"	F	" "	78	6'0"	F
" "	76	10'0"	F	" "	74	6'0"	F	" "	73	6'0"	M
5/12 "	78	4'0"	F	" "	77	4'2"	M	19/12 "	73	2'6"	F
" "	77	4'0"	M	" "	70	5'0"	F	" "	75	2'0"	M
" "	70	6'0"	F	" "	70	6'0"	F	" "	72	3'0"	M
" "	72	1'0"	F	15/12 "	74	6'0"	M	" "	72	1'0"	
6/12 "	65	4'0"	M	" "	75	3'6"	M	" "	72	6'0"	M
" "	71	3'6"	F	" "	74	3'0"	M	" "	70	10'0"	F
" "	67	3'0"	F	" "	71	3'0"	F	" "	70	9'0"	F
" "	72	5'0"	M	" "	71	4'0"	F	" "	69	3'6"	F
" "	62	2'0"	F	" "	68	7'0"	F	" "	69	5'0"	F
" "	73	3'0"	M	" "	72	7'0"	F	" "	73	11'0"	F
" "	73	4'0"	M	" "	65	4'6"	F	20/12 "	72	2'6"	F
" "	69	5'0"	M	" "	73	4'0"	F	" "	75	10'0"	M
7/12 "	68	3'0"	M	" "	74	9'0"	F	" "	64	3'0"	M
" "	66	1'6"	F	" "	72	3'0"	M	" "	73	6'0"	M
" "	75	3'8"	M	" "	70	6'0"	M	" "	77	5'0"	F
" "	76	4'2"	M	" "	74	9'0"	M	" "	70	4'0"	F
" "	72	3'0"	F	" "	74	2'0"	M	21/12 "	72	6'3"	F
" "	70	3'0"	F	16/12 "	79	5'0"	M	" "	64	5'0"	M
" "	74	3'6"	F	" "	71	2'0"	F	" "	71	3'0"	F
" "	74	9'0"	M	" "	71	1'3"	M	" "	74	4'6"	F
8/12 "	65	1'6"	M	" "	75	6'0"	M	" "	70	5'6"	F
" "	76	7'0"	F	" "	75	6'0"	M	" "	69	4'0"	F
" "	74	5'0"	M	" "	71	5'0"	M	22/12 "	72	6'0"	
" "	78	5'0"	M	" "	76	5'6"	F	" "	73	7'6"	
" "	63	1'0"	M	" "	74	2'6"	F	" "	71	3'0"	M
" "	69	5'4"	F	" "	69	5'0"	F	" "	77	6'0"	M
" "	76	5'6"	M	" "	70	2'0"	F	" "	75	8'0"	F
" "	74	4'6"		" "	73	7'0"		" "	74	7'0"	M
" "	72	4'6"		" "	70	4'0"		" "	76	6'0"	F
9/12 "	67	6'4"	F	" "	73	6'0"	M	" "	70	3'0"	M
" "	65	4'0"	F	" "	73	6'0"	F	" "	73	3'0"	
" "	74	4'0"	M	" "	73	5'6"	F	" "	77	2'0"	M
" "	72	2'9"	M	" "	74	5'0"	F	" "	74	4'0"	F
" "	77	4'0"	F	" "	75	8'0"	M	" "	76	3'0"	F
" "	77	4'0"	M	" "	74	7'0"	M	" "	75	10'0"	M
" "	71	5'0"	M	" "	69	6'0"	F	24/12 "	74	7'0"	F
10/12 "	73	4'6"	M	17/12 "	71	6'0"	M	" "	73	9'0"	F
" "	67	4'3"	F	" "	87	5'3"	F	25/12 "	73	7'0"	M
" "	76	5'0"		" "	75	4'5"	M	" "	72	4'0"	M
11/12 "	74	7'6"	F	" "	76	3'4"	M	26/12 "	69	4'0"	F
" "	76	1'0"		" "	67	1'6"		" "	70	2'0"	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.	
20/12 35	71	5' 0"	F	3/1 36	75	3' 0"	F	7/1 36	74	6' 0"	M
" "	68	6' 0"	F	" "	73	7' 0"	M	" "	77	6' 0"	M
" "	67	4' 0"	M	" "	73	6' 0"	M	" "	75	6' 0"	M
" "	75	4' 0"	F	" "	76	4' 0"	F	" "	73	7' 0"	M
" "	70	6' 0"		" "	69	9' 0"	M	" "	73	8' 0"	F
" "	71	4' 0"	M	" "	72	5' 0"	M	" "	72	8' 0"	F
" "	71	7' 0"	F	" "	72	8' 0"	F	" "	72	6' 0"	F
27/12 "	72	7' 0"	M	" "	75	10' 0"		" "	74	7' 6"	
" "	72	6' 0"	M	" "	65	5' 0"	F	" "	67	6' 5"	M
" "	72	3' 0"	M	4/1 "	73	4' 0"	M	" "	75	2' 3"	F
" "	75	2' 0"	F	" "	68	8' 0"	F	" "	73	8' 0"	M
" "	72	4' 0"	F	" "	72	4' 2"	M	" "	73	6' 5"	M
" "	71	6' 0"	F	" "	77	12' 0"	F	" "	76	6' 0"	M
" "	72	7' 0"	M	" "	70	1' 6"	F	" "	74	5' 0"	F
" "	68	5' 0"		" "	70	5' 0"	F	" "	70	8' 0"	F
" "	73	6' 0"		" "	71	8' 0"	F	8/1 "	78	8' 0"	M
" "	79	4' 0"	F	" "	75	3' 0"	F	" "	73	4' 9"	F
28/12 "	73	8' 0"	M	" "	73	10' 8"	F	" "	76	10' 0"	M
" "	71	7' 0"	F	5/1 "	77	10' 0"	F	" "	75	7' 0"	M
" "	74	3' 0"	F	" "	75	1' 0"	F	" "	65	4' 0"	M
" "	72	5' 0"		" "	76	2' 0"	M	" "	69	4' 0"	M
" "	67	3' 0"	M	" "	68	3' 0"	M	" "	71	4' 0"	M
" "	72	4' 0"	M	" "	68	5' 0"	M	" "	71	6' 0"	M
29/12 "	71	7' 0"	F	" "	71	8' 0"	M	" "	74	5' 0"	F
" "	69	1' 0"	F	" "	74	6' 0"	M	" "	74	6' 0"	M
30/12 "	76	6' 0"	F	" "	73	7' 0"	M	" "	73	9' 6"	
" "	71	4' 0"	M	" "	69	8' 0"	F	" "	72	5' 6"	F
" "	74	3' 0"	M	" "	73	6' 0"	M	" "	69	6' 6"	M
" "	73	5' 0"	M	" "	73	13' 0"	M	" "	69	3' 0"	M
" "	75	7' 0"	M	" "	77	4' 0"		" "	69	8' 0"	F
31/12 "	71	4' 0"	M	" "	71	4' 0"	F	" "	75	7' 0"	F
" "	77	7' 0"	M	" "	73	6' 0"	M	" "	68	2' 0"	F
" "	73	5' 0"	F	" "	66	6' 0"		" "	70	8' 0"	F
" "	70	10' 0"	M	" "	74	4' 0"	F	" "	71	9' 0"	M
" "	76	7' 0"	F	" "	74	9' 6"	M	" "	73	12' 0"	M
" "	73	9' 0"	M	" "	72	5' 6"	M	" "	74	8' 0"	M
" "	70	8' 0"	F	6/1 "	68	4' 0"	F	" "	72	4' 0"	M
1/1 36	67	2' 0"	M	" "	64	5' 0"	F	9/1 "	68	6' 0"	M
" "	74	9' 0"	F	" "	69	5' 0"	M	" "	77	10' 0"	M
" "	68	5' 0"	M	" "	73	5' 0"	M	" "	73	6' 0"	F
" "	72	6' 0"	M	" "	75	9' 0"	M	" "	72	6' 0"	M
" "	72	8' 0"	M	" "	75	4' 0"	M	" "	72	10' 0"	M
" "	72	5' 0"	M	" "	75	7' 0"	F	" "	74	8' 0"	M
" "	78	5' 0"	M	" "	74	7' 0"	M	" "	75	8' 0"	M
" "	69	5' 0"	F	" "	75	2' 0"	M	" "	68	6' 0"	F
" "	76	7' 0"		" "	72	8' 0"	F	" "	72	9' 0"	M
2/1 "	76	6' 0"	F	" "	74	9' 0"	M	" "	70	7' 0"	M
" "	77	6' 0"	F	" "	66	6' 0"	F	" "	72	5' 0"	F
" "	70	7' 0"	M	" "	73	5' 0"	M	" "	70	9' 0"	M
" "	74	6' 0"	M	" "	77	6' 6"	M	" "	74	6' 0"	F
" "	67	9' 0"	M	" "	70	4' 2"	M	" "	70	4' 0"	M
" "	74	8' 0"	M	" "	70	8' 0"		" "	67	6' 6"	F
" "	73	11' 0"	M	" "	78	7' 0"	M	" "	77	7' 0"	M
3/1 "	74	5' 0"	M	" "	75	7' 0"	F	" "	70	7' 0"	M
" "	74	8' 0"	M	" "	75	7' 0"	M	" "	70	4' 0"	M
" "	75	8' 0"	F	7/1 "	78	3' 0"	M	" "	72	8' 0"	M
" "	77	4' 0"	M	" "	69	7' 0"	M	" "	69	5' 6"	M
" "	77	10' 0"	F	" "	71	5' 0"	M	" "	73	7' 6"	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.	
9/1 36	75	9' 0"	F	12/1 36	73	8' 0"	M	14/1 36	76	8' 0"	F
" "	71	6' 0"	F	" "	69	4' 0"	M	" "	74	9' 0"	"
" "	74	5' 6"	M	" "	74	10' 0"	M	15/1 "	76	2' 10"	F
10/1 "	74	4' 0"	M	" "	71	2' 0"	M	" "	76	12' 0"	F
" "	75	7' 0"	F	" "	72	10' 0"	F	" "	67	3' 0"	F
" "	76	6' 0"	F	" "	68	5' 0"	F	" "	73	6' 0"	F
" "	71	2' 0"	F	" "	73	2' 0"	M	" "	71	5' 0"	F
" "	74	10' 0"	F	" "	69	5' 0"	F	" "	72	12' 0"	F
" "	73	8' 0"	F	" "	71	8' 0"	F	" "	73	8' 0"	F
" "	76	8' 0"	M	" "	73	1' 0"	F	" "	67	2' 0"	M
" "	73	5' 0"	M	" "	73	1' 6"	F	" "	75	9' 0"	M
" "	72	7' 6"	F	" "	70	12' 6"	"	" "	68	5' 0"	F
" "	69	8' 0"	"	" "	75	15' 0"	M	" "	74	5' 0"	F
" "	71	10' 0"	"	" "	71	9' 0"	F	" "	70	9' 0"	F
" "	69	8' 0"	M	13/1 "	70	5' 0"	F	" "	69	3' 0"	M
" "	68	4' 0"	M	" "	75	4' 0"	F	" "	70	7' 0"	M
" "	69	7' 0"	F	" "	74	8' 0"	M	" "	73	7' 0"	M
" "	74	11' 0"	F	" "	71	7' 0"	M	" "	76	9' 6"	F
" "	72	9' 0"	F	" "	68	8' 0"	F	" "	64	6' 0"	F
" "	72	6' 0"	M	" "	75	8' 0"	M	" "	74	5' 0"	M
" "	70	6' 0"	F	" "	70	9' 0"	F	" "	74	8' 0"	F
" "	72	9' 0"	M	" "	67	6' 0"	F	16/1 "	76	4' 0"	F
11/1 "	74	4' 0"	F	" "	70	5' 0"	M	" "	74	4' 0"	M
" "	74	5' 0"	M	" "	68	10' 0"	M	" "	74	8' 0"	M
" "	70	6' 0"	M	" "	69	5' 0"	F	" "	74	4' 0"	F
" "	72	12' 0"	M	" "	66	4' 0"	M	" "	77	9' 0"	F
" "	74	7' 0"	F	" "	72	6' 0"	M	" "	69	5' 0"	F
" "	71	5' 0"	F	" "	78	10' 0"	M	" "	72	5' 0"	M
" "	71	7' 0"	F	" "	70	3' 0"	F	" "	72	6' 0"	M
" "	72	7' 0"	M	" "	72	2' 0"	M	" "	72	12' 0"	F
" "	74	8' 0"	F	" "	77	3' 0"	F	" "	72	7' 0"	F
" "	76	4' 0"	M	" "	67	2' 0"	F	" "	77	8' 0"	F
" "	66	6' 6"	M	" "	71	10' 0"	M	" "	71	8' 0"	M
" "	73	4' 0"	M	" "	73	3' 0"	F	" "	76	8' 0"	F
" "	74	6' 0"	F	" "	70	8' 0"	F	" "	74	7' 0"	F
" "	64	2' 0"	F	" "	72	4' 0"	M	17/1 "	68	8' 2"	F
" "	63	6' 0"	M	" "	70	4' 0"	M	" "	72	8' 11"	M
" "	71	7' 0"	F	" "	75	3' 0"	F	" "	69	5' 6"	F
" "	75	7' 6"	F	" "	72	10' 0"	M	" "	76	6' 0"	F
" "	70	5' 0"	"	" "	68	2' 0"	"	" "	73	10' 0"	F
" "	75	5' 0"	"	" "	70	6' 0"	M	" "	76	12' 0"	M
" "	70	9' 0"	"	" "	76	5' 0"	"	" "	77	6' 0"	M
" "	72	7' 0"	"	14/1 "	70	5' 8"	M	" "	74	5' 0"	F
" "	77	5' 0"	"	" "	71	4' 6"	F	" "	71	5' 0"	F
" "	72	8' 0"	"	" "	66	3' 0"	F	" "	67	3' 0"	F
" "	75	2' 0"	F	" "	71	4' 0"	M	" "	73	7' 0"	M
" "	70	4' 0"	F	" "	73	{10' 0"	F	" "	74	11' 0"	M
" "	73	3' 0"	F	" "	73	{11' 0"	F	" "	70	6' 0"	M
" "	70	2' 0"	F	" "	74	6' 0"	F	" "	75	8' 0"	F
" "	69	{6' 6"	F	" "	76	2' 0"	F	" "	75	1' 6"	M
" "	75	{6' 6"	M	" "	72	3' 0"	M	" "	65	4' 0"	F
" "	75	8' 0"	F	" "	70	3' 0"	M	" "	70	13' 0"	M
" "	72	3' 0"	F	" "	73	8' 0"	M	" "	70	3' 0"	F
" "	75	8' 0"	M	" "	72	10' 0"	M	" "	73	7' 0"	"
12/1 "	73	4' 0"	M	" "	70	8' 0"	M	" "	65	4' 0"	F
" "	69	7' 0"	M	" "	73	10' 0"	M	" "	72	6' 0"	F
" "	76	7' 0"	F	" "	73	10' 6"	M	" "	80	5' 0"	F
" "	71	10' 0"	F	" "	72	6' 0"	F	" "	77	13' 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.	
18/1 36	70	8'0"	M	21/1 36	75	14'0"	F	24/1 36	76	8'0"	F
" "	70	5'8"	F	" "	69	6'0"	F	" "	76	12'0"	M
" "	66	6'8"	F	" "	75	10'0"	M	" "	71	5'0"	M
" "	70	6'6"	F	" "	78	5'0"	M	" "	70	5'0"	F
" "	66	7'0"	F	" "	78	8'0"	M	" "	71	9'0"	F
" "	73	6'0"	M	" "	79	12'0"	M	" "	71	8'0"	M
" "	75	9'0"	F	" "	75	9'6"	F	" "	74	12'6"	F
" "	74	1'6"	M	" "	72	7'0"	F	" "	75	13'4"	M
" "	71	6'0"	M	" "	73	6'0"	M	" "	70	7'0"	F
" "	73	8'0"	M	22/1	70	10'0"	F	" "	65	5'0"	F
19/1	72	9'6"	M	" "	70	8'0"	F	" "	74	11'0"	F
" "	73	9'0"	M	" "	75	6'0"	F	" "	73	9'0"	M
" "	72	2'6"	F	" "	71	10'0"	F	" "	74	10'0"	F
" "	75	10'0"	F	" "	73	10'0"	F	" "	80	7'0"	F
" "	72	7'0"	F	" "	70	3'0"	M	" "	71	2'6"	F
" "	77	9'0"	F	" "	77	6'0"	F	25/1	68	5'0"	M
" "	75	8'0"	F	" "	73	6'0"	F	" "	79	8'0"	M
" "	71	12'0"	M	" "	71	4'0"	M	" "	73	8'0"	F
" "	75	8'0"	F	" "	71	12'0"	M	" "	75	11'0"	M
" "	66	5'0"	F	" "	74	6'0"	F	" "	75	11'0"	M
" "	67	7'0"	F	" "	67	8'0"	F	" "	68	7'0"	M
" "	71	8'0"	M	" "	76	6'0"	M	" "	75	6'0"	F
" "	72	7'0"	M	" "	72	7'0"	M	" "	72	9'0"	F
" "	69	3'0"	F	" "	73	5'0"	M	" "	72	12'0"	M
" "	75	10'0"	F	" "	70	11'0"	M	" "	68	2'0"	F
" "	65	5'0"	F	" "	75	13'0"	F	" "	72	6'0"	F
20/1	68	1'6"	M	" "	72	12'0"	M	" "	72	9'0"	M
" "	69	4'0"	F	" "	76	16'0"	F	" "	70	9'0"	F
" "	70	2'6"	F	" "	70	16'0"	F	" "	75	6'0"	M
" "	74	5'0"	M	" "	70	6'0"	M	" "	70	5'0"	M
" "	69	6'0"	F	" "	71	5'0"	F	" "	73	9'0"	M
" "	62	1'6"	M	" "	74	5'0"	F	" "	81	14'0"	F
" "	74	10'0"	F	" "	74	11'0"	M	" "	79	6'0"	M
" "	72	4'0"	M	" "	74	11'0"	M	26/1	75	4'0"	F
" "	66	7'0"	F	" "	72	10'0"	F	" "	74	5'0"	F
" "	74	4'0"	M	23/1	71	4'0"	M	" "	70	7'0"	F
" "	72	12'0"	F	" "	67	5'0"	M	" "	70	4'0"	M
" "	67	9'0"	M	" "	72	2'0"	M	" "	71	6'0"	M
" "	74	9'0"	F	" "	71	2'0"	M	" "	72	8'0"	F
" "	69	3'0"	F	" "	71	7'0"	F	" "	65	5'0"	F
" "	75	4'0"	F	" "	76	10'0"	F	" "	75	5'0"	F
" "	70	8'0"	M	" "	64	5'0"	F	" "	68	5'0"	F
" "	74	10'0"	F	" "	71	8'6"	F	" "	74	2'0"	F
" "	72	3'0"	F	" "	76	4'8"	F	" "	68	2'0"	F
" "	77	5'0"	M	" "	71	7'0"	M	" "	72	8'0"	M
" "	73	7'0"	M	" "	73	9'1"	M	" "	76	5'0"	F
" "	74	2'0"	M	" "	70	9'0"	M	" "	71	12'0"	F
" "	75	15'0"	F	" "	73	5'0"	F	27/1	72	9'0"	F
" "	64	4'0"	M	" "	72	5'0"	F	" "	73	11'0"	M
21/1	73	10'0"	F	24/1	70	7'2"	F	" "	69	6'6"	M
" "	74	4'0"	M	" "	74	9'10"	M	" "	74	10'0"	F
" "	74	3'6"	F	" "	77	4'0"	M	" "	75	12'0"	F
" "	75	5'0"	F	" "	74	6'0"	M	" "	72	8'0"	F
" "	73	9'0"	F	" "	78	10'0"	M	" "	70	5'0"	M
" "	74	7'0"	F	" "	72	4'0"	F	" "	72	8'8"	F
" "	69	12'0"	F	" "	74	9'0"	F	" "	71	12'0"	F
" "	72	10'0"	F	" "	72	7'0"	M	" "	75	10'0"	F
" "	73	8'0"	F	" "	69	6'0"	M	" "	73	9'0"	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.	
27/1 36	73	9' 3"	M	29/1 36	74	5' 0"	M	31/1 36	72	8' 0"	F
" "	72	4' 0"	F	" "	72	8' 0"	F	" "	70	9' 0"	M
" "	74	11' 0"		" "	74	6' 0"	F	" "	72	4' 0"	F
" "	75	7' 0"		" "	77	11' 0"	F	" "	74	1' 6"	M
" "	73	4' 0"	F	" "	79	8' 0"	M	" "	73	14' 0"	M
" "	75	10' 0"	M	" "	72	6' 0"	M	" "	76	4' 0"	M
" "	74	6' 0"	M	" "	72	6' 0"	F	" "	70	10' 0"	M
" "	67	8' 0"	F	" "	67	3' 0"	M	" "	73	11' 0"	F
28/1 "	72	7' 0"	F	" "	74	14' 0"	F	" "	68	5' 0"	M
" "	73	9' 0"	F	" "	74	15' 0"	M	" "	73	14' 0"	F
" "	73	12' 0"	F	" "	78	10' 0"	F	" "	70	7' 0"	M
" "	78	10' 0"	F	" "	74	12' 0"	F	" "	74	17' 0"	M
" "	74	12' 0"	M	30/1 "	77	9' 2"	M	1/2	70	2' 0"	M
" "	72	2' 0"	F	" "	72	5' 0"	M	" "	69	7' 0"	M
" "	68	5' 0"	M	" "	78	6' 0"	F	" "	74	5' 0"	M
" "	73	6' 0"	F	" "	69	7' 0"	M	" "	76	12' 0"	F
" "	71	3' 0"	F	" "	71	3' 0"	M	" "	69	10' 0"	M
" "	67	10' 0"	M	" "	71	5' 0"	F	" "	76	7' 0"	M
" "	72	13' 0"	F	" "	74	8' 0"	F	" "	72	7' 0"	F
" "	71	5' 0"	F	" "	74	10' 0"	F	" "	78	6' 0"	M
" "	71	8' 0"	M	" "	74	14' 0"	F	" "	74	7' 0"	F
" "	73	10' 0"	F	" "	70	2' 0"	M	" "	75	6' 0"	M
" "	70	10' 0"	M	" "	70	9' 0"	F	" "	69	8' 0"	F
" "	62	4' 6"	F	" "	73	10' 0"	M	" "	69	5' 0"	F
" "	74	11' 0"	M	" "	70	2' 0"	F	" "	70	7' 0"	M
" "	72	9' 0"	F	" "	74	5' 0"	F	" "	71	4' 0"	F
" "	73	8' 6"	M	" "	75	8' 0"	F	" "	72	9' 0"	M
" "	76	8' 0"	M	" "	70	6' 0"	M	" "	69	7' 0"	M
" "	72	9' 8"	F	" "	73	9' 0"	M	" "	80	15' 0"	F
" "	75	11' 6"	M	" "	72	6' 8"	F	" "	74	12' 0"	F
" "	72	6' 0"	F	" "	70	3' 0"	F	" "	72	9' 0"	F
" "	74	8' 6"	M	" "	68	4' 0"	M	" "	75	13' 0"	F
" "	78	10' 0"	F	" "	75	4' 0"	F	" "	77	14' 0"	M
" "	71	8' 0"	M	" "	75	10' 0"	M	" "	76	8' 0"	F
" "	72	11' 0"	F	" "	72	9' 0"	M	" "	72	9' 0"	M
" "	80	5' 0"	F	" "	72	11' 0"	F	" "	67	5' 0"	M
" "	70	8' 0"	M	" "	72	10' 0"	M	" "	73	10' 0"	M
" "	77	10' 0"	M	" "	76	12' 0"	F	2/2	65	1' 6"	F
" "	71	6' 0"	F	" "	69	5' 6"	F	" "	74	13' 0"	M
" "	77	10' 0"	F	" "	75	10' 0"	F	" "	78	10' 0"	M
" "	72	15' 0"	M	" "	76	13' 0"	M	" "	72	9' 0"	M
" "	70	9' 0"	F	" "	73	3' 0"	F	" "	63	3' 0"	F
29/1 "	70	7' 0"	F	" "	74	4' 0"	M	" "	75	10' 0"	F
" "	73	13' 0"	M	" "	69	5' 0"	F	" "	76	7' 0"	M
" "	76	11' 0"	M	" "	68	11' 0"	F	" "	74	6' 0"	F
" "	77	12' 0"	M	" "	74	14' 0"	F	" "	74	8' 0"	M
" "	74	13' 0"	F	31/1 "	71	6' 0"	M	" "	72	6' 0"	M
" "	70	8' 0"	M	" "	69	8' 0"	M	" "	67	2' 0"	F
" "	72	2' 0"	M	" "	76	13' 0"	M	" "	72	11' 0"	F
" "	68	9' 0"	M	" "	78	14' 0"	F	" "	73	10' 0"	M
" "	74	7' 0"	M	" "	70	6' 0"	M	" "	71	6' 0"	F
" "	75	7' 0"	F	" "	76	10' 4"	M	" "	73	3' 6"	F
" "	72	8' 0"	F	" "	74	11' 0"	F	" "	76	11' 0"	M
" "	73	10' 0"	F	" "	75	8' 0"	M	" "	75	11' 0"	F
" "	75	8' 0"	M	" "	67	13' 0"	M	" "	74	10' 6"	M
" "	70	12' 6"	F	" "	74	9' 0"	M	" "	73	11' 0"	F
" "	72	9' 0"	F	" "	69	7' 0"	M	" "	74	12' 0"	M
" "	67	6' 0"	M	" "	75	13' 0"	F	" "	71	3' 6"	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.	
$\frac{2}{2}$ 36	74	4' 6"	M	$\frac{5}{2}$ 36	74	6' 0"	F	$\frac{8}{2}$ 36	72	9' 0"	F
" "	74	10' 0"		" "	71	5' 0"	M	" "	75	1' 6"	F
" "	69	11' 0"	M	" "	74	8' 6"	F	" "	69	3' 0"	F
" "	72	3' 6"	F	" "	73	9' 0"	F	" "	68	5' 0"	M
" "	79	8' 0"	M	" "	74	11' 0"	F	" "	71	6' 0"	M
" "	77	16' 0"	M	" "	67	7' 0"	M	" "	70	13' 0"	M
" "	76	10' 0"	M	" "	76	4' 0"	F	" "	70	8' 0"	M
" "	77	16' 0"	F	" "	74	11' 6"	F	" "	74	5' 0"	M
" "	74	10' 0"	F	" "	70	12' 0"	M	" "	72	8' 0"	M
" "	73	7' 0"	F	" "	70	3' 0"	F	" "	72	12' 0"	
" "	78	12' 0"	M	" "	74	7' 0"	F	" "	75	{ 15' 0"	M
" "	79	8' 0"	M	" "	74	13' 0"	F	" "	70	{ 15' 0"	M
" "	70	11' 0"	F	" "	80	6' 0"	F	" "	70	15' 0"	M
$\frac{3}{2}$ "	70	8' 6"	F	$\frac{6}{2}$ "	76	12' 0"	M	" "	66	5' 0"	F
" "	76	12' 0"	F	" "	72	3' 0"	M	" "	72	8' 0"	F
" "	70	8' 0"	M	" "	74	9' 0"	M	" "	71	6' 0"	F
" "	69	8' 0"	M	" "	70	3' 0"	M	$\frac{9}{2}$ "	68	8' 0"	M
" "	74	10' 6"	M	" "	72	11' 0"	M	" "	70	4' 0"	M
" "	69	4' 0"	F	" "	74	6' 0"	M	" "	78	{ 8' 0"	F
" "	71	11' 0"	M	" "	72	12' 0"	M	" "	70	{ 8' 0"	M
" "	73	5' 0"	F	" "	75	7' 0"	M	" "	75	3' 0"	F
" "	70	5' 0"	M	" "	75	10' 0"	F	" "	72	11' 0"	F
" "	69	2' 0"	F	" "	71	6' 0"	M	" "	70	9' 0"	M
" "	68	15' 0"	F	" "	71	1' 0"	F	" "	76	6' 8"	M
" "	72	5' 0"	F	" "	78	12' 6"	M	" "	70	5' 0"	M
" "	72	4' 0"	M	" "	74	10' 0"		" "	79	16' 0"	M
" "	67	8' 9"	F	" "	73	6' 0"	M	" "	70	18' 0"	M
" "	69	9' 0"	M	" "	71	3' 0"	F	" "	72	7' 0"	F
" "	65	6' 0"	M	" "	70	14' 0"	F	" "	74	12' 0"	F
" "	73	13' 0"	M	" "	74	8' 0"	M	$\frac{10}{2}$ "	68	10' 0"	F
" "	68	8' 0"	F	" "	65	4' 0"	F	" "	70	7' 0"	M
" "	73	4' 0"	M	" "	73	10' 0"	F	" "	71	8' 0"	F
" "	75	6' 0"	M	" "	72	7' 0"	M	" "	73	11' 0"	F
" "	79	9' 0"	F	" "	75	7' 0"	M	" "	67	8' 0"	F
" "	68	15' 0"	M	" "	74	13' 0"	F	" "	67	9' 0"	M
" "	75	10' 0"	F	" "	74	12' 0"	M	" "	71	8' 0"	M
" "	69	1' 6"	M	$\frac{7}{2}$ "	72	8' 6"	F	" "	76	4' 0"	M
" "	73	12' 0"	M	" "	78	11' 3"	M	" "	71	3' 0"	F
" "	74	12' 0"	M	" "	72	3' 0"	M	" "	72	0' 9"	
$\frac{4}{2}$ "	70	3' 0"	F	" "	75	12' 0"	F	" "	73	5' 0"	
" "	76	8' 0"	M	" "	69	9' 0"	M	" "	75	6' 6"	F
" "	69	6' 0"	F	" "	69	3' 0"	F	" "	76	9' 0"	F
" "	69	11' 0"	M	" "	74	12' 0"	F	" "	72	14' 0"	M
" "	71	4' 0"	M	" "	72	14' 0"	F	" "	78	3' 0"	F
" "	68	6' 0"	M	" "	70	8' 0"	M	" "	65	2' 0"	M
" "	71	8' 0"	F	" "	64	4' 0"	M	" "	79	7' 0"	M
" "	73	12' 0"	M	" "	72	8' 0"		" "	73	15' 0"	M
" "	70	7' 0"	F	" "	72	4' 0"		" "	73	5' 0"	F
" "	74	11' 0"	F	" "	73	18' 0"	M	" "	75	4' 0"	F
" "	71	8' 0"	M	" "	80	20' 0"	M	" "	73	11' 0"	F
" "	73	13' 0"	F	" "	74	12' 0"	F	" "	73	16' 0"	M
" "	70	3' 6"	M	" "	73	12' 0"	M	" "	67	12' 0"	F
" "	72	8' 6"	F	" "	73	10' 0"	F	" "	69	14' 0"	F
" "	69	5' 0"	M	$\frac{8}{2}$ "	75	8' 0"	M	$\frac{11}{2}$ "	68	8' 0"	F
" "	67	3' 0"	M	" "	74	9' 0"	F	" "	73	1' 0"	M
" "	75	10' 0"	F	" "	69	8' 0"	F	" "	68	9' 0"	F
$\frac{5}{2}$ "	70	8' 0"	M	" "	70	9' 0"	F	" "	72	12' 0"	F
" "	71	10' 0"	M	" "	74	10' 0"	F	" "	69	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.	
11 $\frac{1}{2}$ 36	70	3' 0"	F	13 $\frac{1}{2}$ 36	69	7' 0"	F	17 $\frac{1}{2}$ 36	72	8' 0"	M
" "	72	12' 0"	M	" "	69	9' 0"	M	18 $\frac{1}{2}$ "	70	8' 0"	F
" "	74	12' 0"	F	" "	73	13' 0"	F	" "	69	8' 0"	M
" "	68	8' 6"	F	14 $\frac{1}{2}$ "	71	8' 0"	F	" "	66	9' 0"	M
" "	72	13' 0"	M	" "	73	11' 6"	F	" "	68	9' 0"	F
" "	71	8' 0"	M	" "	72	9' 0"	M	" "	70	13' 0"	F
" "	75	1' 6"		" "	67	12' 6"	M	" "	74	8' 0"	M
" "	74	6' 0"		" "	75	11' 0"	M	" "	72	13' 6"	M
" "	73	9' 0"	F	" "	73	3' 0"		" "	72	13' 0"	M
" "	76	5' 5"	F	" "	69	8' 0"	M	" "	85	18' 0"	M
" "	78	4' 0"	M	" "	71	2' 0"	M	" "	84	16' 0"	F
12 $\frac{1}{2}$ "	73	7' 0"	F	" "	77	12' 0"	M	" "	76	11' 0"	M
" "	73	6' 0"	M	" "	72	6' 0"	F	" "	74	10' 0"	F
" "	69	6' 0"	F	" "	68	11' 0"	F	" "	67	6' 0"	F
" "	65	6' 0"	M	" "	72	14' 0"	F	" "	75	10' 0"	M
" "	71	12' 0"	M	15 $\frac{1}{2}$ "	73	12' 0"	F	" "	72	10' 0"	F
" "	67	6' 0"	M	" "	74	7' 10"	F	" "	79	12' 0"	M
" "	74	12' 0"	M	" "	70	11' 0"	M	" "	75	11' 0"	M
" "	71	12' 0"	M	" "	77	12' 0"	F	" "	71	6' 0"	F
" "	69	3' 0"	F	" "	70	12' 0"	M	" "	71	12' 0"	
" "	72	8' 0"	F	" "	77	6' 0"	M	" "	73	9' 0"	
" "	77	6' 0"	M	" "	72	14' 0"	F	" "	71	12' 0"	F
" "	69	2' 0"	F	" "	74	12' 0"	F	" "	70	13' 0"	M
" "	73	9' 0"	M	" "	68	4' 0"	F	19 $\frac{1}{2}$ "	73	12' 0"	F
" "	71	10' 0"	F	" "	67	10' 0"	M	" "	72	10' 0"	F
" "	65	5' 0"	M	" "	73	12' 0"	M	" "	80	12' 0"	M
" "	68	8' 0"	F	" "	75	9' 0"	M	" "	70	11' 0"	M
" "	74	9' 0"	F	" "	74	6' 0"	M	" "	76	17' 6"	M
" "	69	5' 0"	F	" "	76	9' 0"	F	" "	86	15' 0"	F
" "	75	12' 0"	M	" "	76	7' 0"	F	" "	71	7' 0"	F
" "	71	11' 0"		" "	70	6' 2"	F	" "	72	10' 0"	M
" "	76	4' 1"		" "	73	9' 0"	M	" "	74	15' 0"	F
" "	70	7' 0"	M	" "	70	11' 0"		" "	72	4' 0"	F
" "	69	8' 0"	M	" "	67	4' 0"	M	" "	72	11' 0"	F
" "	72	10' 0"	M	16 $\frac{1}{2}$ "	77	12' 0"	F	" "	72	9' 0"	M
13 $\frac{1}{2}$ "	73	5' 0"	M	" "	71	8' 0"	F	" "	72	10' 0"	F
" "	74	11' 0"		" "	74	8' 0"	F	" "	75	5' 0"	M
" "	71	15' 0"	F	" "	71	7' 0"	M	" "	75	8' 0"	F
" "	74	10' 0"	M	" "	67	12' 6"	M	" "	74	1' 6"	F
" "	76	13' 0"	M	" "	71	8' 0"	M	" "	68	3' 6"	F
" "	73	16' 0"	F	" "	77	10' 0"	M	" "	72	6' 0"	F
" "	67	13' 0"	M	" "	70	12' 0"	F	" "	70	12' 0"	F
" "	70	10' 0"	F	" "	75	16' 0"	F	" "	73	14' 0"	M
" "	73	10' 0"	F	" "	72	9' 0"	F	" "	72	14' 0"	M
" "	72	6' 0"	M	" "	78	8' 0"	F	" "	72	5' 0"	M
" "	77	12' 0"	M	17 $\frac{1}{2}$ "	71	12' 0"	M	" "	74	8' 0"	M
" "	72	9' 0"	M	" "	77	10' 0"	M	" "	72	4' 0"	F
" "	68	4' 0"	M	" "	75	11' 0"	M	" "	77	14' 0"	M
" "	71	12' 0"	F	" "	66	5' 0"	M	" "	73	15' 0"	M
" "	68	5' 0"	M	" "	71	16' 0"	M	" "	71	12' 0"	
" "	71	12' 0"	F	" "	74	6' 0"	M	" "	74	5' 0"	
" "	72	12' 0"	M	" "	70	11' 0"	M	" "	71	12' 0"	
" "	66	4' 0"	M	" "	74	13' 0"	M	" "	73	10' 0"	
" "	70	14' 0"	M	" "	75	11' 0"	F	20 $\frac{1}{2}$ "	68	8' 0"	M
" "	69	10' 0"	M	" "	72	12' 0"	F	" "	74	12' 0"	F
" "	71	13' 0"		" "	72	12' 0"	M	" "	70	2' 0"	F
" "	71	7' 0"		" "	79	10' 0"		" "	67	9' 0"	F
" "	71	7' 0"		" "	73	15' 0"		" "	70	5' 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.	
<sup>20</sup> / <sub>2</sub> 36	66	10' 0"	F	<sup>24</sup> / <sub>2</sub> 36	71	10' 0"	F	<sup>27</sup> / <sub>2</sub> 36	68	12' 0"	M
" "	73	13' 0"	F	" "	76	11' 0"	F	" "	76	16' 6"	F
" "	71	14' 0"	M	" "	73	5' 0"	M	" "	75	4' 6"	F
" "	74	12' 0"	M	" "	72	12' 0"	M	" "	68	11' 0"	F
" "	74	13' 6"	M	" "	79	14' 0"	F	" "	72	9' 0"	F
" "	76	14' 0"	M	" "	71	6' 0"	F	" "	74	4' 0"	M
" "	74	9' 0"	M	" "	76	11' 0"	M	" "	73	7' 0"	F
" "	76	4' 0"	M	" "	73	14' 0"	F	" "	74	5' 0"	M
" "	72	13' 0"	M	" "	73	11' 6"	F	" "	76	13' 0"	F
" "	67	{ 8' 0"	F	<sup>25</sup> / <sub>2</sub> "	72	6' 6"	F	<sup>28</sup> / <sub>2</sub> "	69	14' 2"	M
" "	72	{ 8' 0"	F	" "	79	13' 0"	M	" "	73	9' 0"	F
" "	72	6' 0"	F	" "	56	13' 0"	F	" "	75	8' 0"	M
" "	67	10' 0"	M	" "	63	9' 0"	F	" "	77	15' 0"	M
" "	73	9' 0"	M	" "	70	5' 0"	M	" "	74	12' 0"	F
" "	72	11' 0"	M	" "	75	12' 0"	M	" "	73	7' 0"	F
" "	75	10' 0"	F	" "	71	15' 0"	M	" "	75	9' 0"	M
" "	78	13' 0"	M	" "	69	6' 0"	F	" "	71	10' 0"	M
" "	73	8' 0"	F	" "	75	12' 0"	M	" "	79	4' 0"	F
" "	73	5' 0"	M	" "	71	15' 0"	M	" "	72	9' 0"	F
" "	73	2' 0"		" "	69	6' 0"	F	" "	63	8' 0"	M
" "	72	15' 0"	F	" "	70	5' 0"	F	" "	69	{ 13' 0"	F
<sup>21</sup> / <sub>2</sub> "	69	5' 6"	F	" "	70	14' 0"	F	" "	69	{ 13' 0"	F
" "	73	10' 0"	F	" "	72	9' 0"	M	" "	66	8' 0"	F
" "	76	12' 0"	F	" "	73	13' 0"	F	" "	69	4' 0"	F
" "	75	14' 0"	F	" "	76	14' 0"	F	" "	75	15' 0"	M
" "	70	11' 0"	M	" "	77	11' 0"	F	" "	73	5' 0"	M
" "	68	11' 0"	M	" "	73	15' 0"	M	" "	73	8' 0"	M
" "	69	5' 0"	M	" "	74	7' 0"	F	" "	74	10' 0"	F
" "	65	7' 0"		" "	73	6' 0"	M	" "	71	2' 0"	F
" "	73	15' 0"		" "	76	1' 0"	M	" "	70	6' 0"	F
" "	73	17' 0"	F	<sup>26</sup> / <sub>2</sub> "	70	14' 0"	F	" "	72	6' 0"	F
" "	71	13' 0"	F	" "	70	6' 5"	M	" "	72	11' 0"	F
" "	65	10' 0"	M	" "	74	8' 0"	M	" "	72	7' 0"	F
<sup>22</sup> / <sub>2</sub> "	77	14' 0"	M	" "	74	6' 0"	F	" "	76	14' 0"	F
" "	70	5' 0"	M	" "	62	9' 0"	F	<sup>29</sup> / <sub>2</sub> "	75	8' 0"	F
" "	74	3' 6"	M	" "	73	8' 0"	M	" "	67	4' 0"	F
" "	76	13' 0"	F	" "	80	8' 0"	F	" "	77	14' 0"	F
" "	74	10' 0"		" "	75	12' 0"	F	" "	74	7' 0"	M
" "	67	11' 0"		" "	72	8' 0"	F	" "	72	8' 0"	M
<sup>23</sup> / <sub>2</sub> "	75	12' 0"	M	" "	73	8' 0"	F	" "	70	12' 0"	F
" "	72	12' 0"	M	" "	65	12' 0"	F	" "	70	6' 0"	F
" "	67	13' 0"	F	" "	62	4' 0"	F	" "	70	8' 0"	F
" "	72	12' 0"	M	" "	70	5' 0"	M	<sup>1</sup> / <sub>3</sub> "	71	7' 0"	M
" "	75	4' 0"	M	" "	74	11' 6"	M	" "	74	15' 0"	F
" "	73	10' 0"	F	" "	71	8' 0"	M	" "	72	13' 0"	M
" "	70	3' 0"	F	" "	74	10' 0"	F	" "	71	13' 0"	M
" "	75	12' 0"	F	" "	71	11' 0"	F	" "	68	11' 0"	F
" "	74	8' 0"	M	" "	72	8' 0"	M	" "	69	12' 0"	F
" "	70	12' 0"		<sup>27</sup> / <sub>2</sub> "	74	2' 8"	M	<sup>2</sup> / <sub>3</sub> "	75	4' 6"	F
" "	72	16' 0"	M	" "	74	10' 2"	F	" "	71	3' 0"	F
" "	65	7' 0"	M	" "	73	16' 0"	F	" "	73	13' 0"	F
<sup>24</sup> / <sub>2</sub> "	74	11' 0"	F	" "	74	5' 0"	M	" "	75	11' 6"	F
" "	71	12' 0"	M	" "	72	7' 0"	M	" "	68	8' 0"	F
" "	74	5' 0"	F	" "	68	9' 0"	M	<sup>3</sup> / <sub>3</sub> "	79	10' 0"	M
" "	66	3' 0"	M	" "	65	7' 0"	F	" "	78	5' 0"	F
" "	72	7' 0"	M	" "	70	10' 0"	F	" "	79	12' 0"	M
" "	70	1' 0"	F	" "	74	13' 0"	M	" "	68	2' 0"	F
" "	71	6' 0"	F	" "	73	8' 0"	M	" "	67	9' 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.	
$\frac{3}{3}$ 36	71	4' 0"	F	$\frac{7}{3}$ 36	75	5' 0"	M	$\frac{10}{3}$ 36	75	8' 0"	M
" "	70	8' 0"	M	" "	73	9' 0"	M	" "	76	8' 6"	F
" "	75	13' 0"	M	" "	71	19' 0"	M	" "	71	11' 0"	F
" "	75	11' 0"	F	" "	78	10' 0"	M	" "	71	15' 0"	F
" "	71	15' 0"		" "	77	8' 0"		" "	77	5' 0"	F
" "	72	6' 0"		$\frac{8}{3}$ "	75	12' 0"	M	" "	66	5' 0"	M
$\frac{4}{3}$ "	73	10' 0"	F	" "	69	7' 0"	F	" "	75	10' 0"	F
" "	73	5' 0"	F	" "	74	15' 0"	F	$\frac{11}{3}$ "	79	12' 0"	F
" "	77	8' 0"	M	" "	72	8' 0"	F	" "	76	6' 0"	F
" "	72	16' 0"	M	" "	72	14' 0"	F	" "	70	9' 0"	F
" "	73	11' 0"	M	" "	72	7' 0"	F	" "	71	10' 0"	F
" "	74	7' 0"	F	" "	68	6' 0"	F	" "	77	7' 0"	M
" "	75	6' 0"	M	" "	76	17' 0"	M	" "	73	3' 0"	F
" "	74	14' 0"	M	" "	73	11' 0"	M	" "	79	8' 0"	M
" "	73	9' 0"	F	" "	78	15' 0"	F	" "	73	13' 0"	F
" "	70	3' 0"	M	" "	75	8' 0"	F	" "	72	16' 0"	F
" "	73	9' 0"	F	" "	75	12' 0"	F	" "	68	9' 0"	M
" "	73	13' 0"	F	" "	77	5' 0"	F	" "	77	9' 6"	F
" "	70	6' 0"	M	" "	73	15' 0"	M	" "	64	8' 6"	F
" "	75	8' 0"	F	" "	73	20' 0"	F	" "	71	14' 6"	M
" "	74	8' 0"	F	" "	78	13' 0"		" "	73	15' 0"	M
" "	74	10' 0"	M	" "	73	5' 0"		" "	72	14' 0"	F
" "	70	6' 0"	F	$\frac{9}{3}$ "	73	11' 0"	M	" "	72	9' 0"	M
" "	70	5' 0"	M	" "	75	8' 0"	M	" "	76	12' 0"	F
" "	75	15' 0"	F	" "	73	11' 0"	F	$\frac{12}{3}$ "	71	4' 2"	F
$\frac{5}{3}$ "	68	7' 0"	F	" "	69	10' 0"	M	" "	72	10' 0"	F
" "	74	12' 0"	M	" "	69	12' 0"	F	" "	72	9' 0"	F
" "	73	12' 0"	M	" "	68	9' 0"	F	" "	72	15' 0"	F
" "	70	10' 0"	F	" "	73	4' 0"	F	" "	75	17' 0"	M
" "	74	3' 0"	F	" "	74	12' 0"	M	" "	68	7' 0"	F
" "	72	5' 0"	F	" "	65	5' 0"	M	" "	74	10' 0"	M
" "	72	15' 0"	M	$\frac{10}{3}$ "	70	14' 1"	F	" "	75	15' 0"	F
" "	73	17' 0"	M	" "	77	12' 0"	F	" "	74	9' 0"	F
" "	73	11' 0"	M	" "	74	5' 0"	M	" "	78	15' 0"	M
" "	71	8' 0"	M	" "	67	15' 0"	M	" "	75	12' 0"	M
" "	73	10' 0"	M	" "	72	9' 0"	M	" "	76	12' 0"	F
$\frac{6}{3}$ "	73	16' 0"	F	" "	70	4' 0"	M	" "	77	14' 0"	M
" "	72	8' 6"	M	" "	74	15' 0"	M	$\frac{13}{3}$ "	77	14' 0"	M
" "	72	14' 6"	F	" "	77	7' 0"	M	" "	71	6' 0"	F
" "	72	14' 6"	F	" "	79	2' 3"	M	$\frac{14}{3}$ "	70	2' 0"	M
" "	70	12' 0"		" "	70	4' 0"	M	" "	71	17' 0"	M
$\frac{7}{3}$ "	74	15' 0"	M	" "	76	15' 0"	F	$\frac{16}{3}$ "	78	12' 0"	M

Total 1,509 fin-whale foetuses, of which 698 males and 701 females. Sex was not stated for 110 foetuses. Of the 1,399 foetuses for which sex was stated, 49.89 per cent were males and 50.11 per cent females.

Table No. 7 (cont.).

**3. Humpback foetuses**  
measured in the Southern Seas in the season 1935/36.

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.	
1/12 35	48	1' 0"	M	17/12 35	45	2' 0"		28/12 35	47	2' 6"	M
" "	46	5' 0"	M	18/12 "	44	2' 0"	M	" "	43	2' 0"	F
3/12 "	48	1' 6"	M	" "	48	1' 0"	M	" "	46	1' 0"	F
" "	46	1' 0"	M	" "	43	1' 2"	M	" "	43	2' 0"	M
5/12 "	45	1' 8"	M	" "	44	1' 6"		" "	42	2' 0"	M
" "	46	10' 0"	F	19/12 "	49	1' 0"	M	" "	36	1' 0"	F
" "	46	12' 0"	F	" "	45	1' 0"	M	" "	44	2' 0"	M
" "	47	7' 0"	M	" "	42	2' 0"	F	" "	42	1' 0"	F
" "	43	1' 0"		" "	42	2' 0"	F	" "	44	2' 0"	F
" "	42	10' 0"	F	" "	46	2' 0"	M	" "	42	1' 6"	F
6/12 "	49	1' 9"		" "	44	2' 0"		" "	44	2' 0"	F
" "	42	1' 0"	F	" "	41	1' 0"		" "	39	3' 0"	M
" "	43	6' 0"	M	20/12 "	47	1' 0"	M	" "	47	3' 0"	M
" "	44	0' 6"	M	" "	45	1' 0"	F	" "	41	1' 6"	M
" "	44	1' 0"	F	" "	45	9' 0"	M	" "	46	3' 0"	M
" "	39	6' 0"	M	" "	40	1' 0"	M	" "	47	2' 0"	F
8/12 "	46	1' 0"	M	" "	43	1' 0"		" "	42	1' 0"	
" "	37	1' 0"	M	" "	45	1' 0"	M	29/12 "	44	2' 0"	M
9/12 "	45	2' 0"	F	" "	43	1' 6"	F	" "	46	1' 6"	M
" "	44	1' 6"	M	" "	46	1' 6"	F	" "	42	2' 0"	F
" "	42	9' 0"	M	" "	46	1' 6"		" "	41	1' 0"	F
" "	40	1' 6"	F	21/12 "	43	1' 2"	F	" "	43	1' 0"	F
10/12 "	43	1' 0"		" "	44	2' 0"	F	" "	44	1' 0"	M
" "	42	1' 6"	M	" "	39	1' 0"	F	" "	46	2' 0"	F
" "	40	1' 6"	M	" "	42	2' 0"	M	" "	47	2' 6"	M
11/12 "	46	1' 0"	F	" "	44	2' 0"	F	" "	41	2' 0"	F
" "	40	1' 6"	M	" "	44	3' 0"	M	" "	44	1' 6"	M
" "	45	1' 6"	F	" "	44	1' 0"	F	" "	47	2' 0"	M
12/12 "	43	1' 0"	M	" "	48	2' 0"	F	" "	43	1' 0"	F
" "	45	1' 0"		" "	50	2' 0"	M	" "	41	2' 0"	F
" "	47	2' 0"		" "	42	1' 6"		" "	48	2' 0"	M
13/12 "	44	1' 6"	M	22/12 "	44	1' 0"	M	" "	42	1' 6"	M
" "	40	1' 0"	M	" "	45	2' 0"	M	30/12 "	40	2' 0"	M
14/12 "	45	6' 2"	F	" "	42	2' 0"	F	" "	38	2' 0"	F
" "	46	2' 0"	M	" "	45	2' 0"	M	" "	44	1' 0"	F
" "	51	2' 0"		" "	45	2' 0"	F	" "	46	2' 0"	F
" "	43	0' 9"		" "	52	1' 6"	F	31/12 "	44	1' 0"	M
" "	44	1' 0"		" "	47	2' 0"	F	1/1 36	43	2' 0"	M
" "	48	9' 0"		23/12 "	46	1' 0"	M	2/1 "	41	1' 6"	M
15/12 "	45	1' 6"	M	" "	46	2' 0"	F	" "	42	1' 6"	F
" "	39	1' 0"		" "	45	1' 6"	F	3/1 "	41	1' 9"	F
" "	42	1' 0"	F	24/12 "	42	2' 0"	F	" "	41	2' 0"	F
" "	40	0' 6"	M	" "	41	9' 0"	F	" "	42	2' 0"	F
" "	42	0' 9"	M	25/12 "	42	2' 0"	M	" "	44	1' 0"	F
" "	45	1' 0"	M	26/12 "	43	1' 0"	F	" "	41	2' 0"	F
16/12 "	41	1' 6"	M	" "	43	2' 0"	F	" "	41	2' 0"	F
" "	41	2' 0"	F	" "	42	0' 6"	M	" "	39	1' 0"	F
" "	44	0' 9"	F	" "	45	1' 0"	F	" "	50	0' 6"	M
" "	47	2' 7"	F	27/12 "	45	2' 0"	M	" "	38	1' 6"	M
" "	41	1' 6"		" "	46	2' 0"	F	" "	36	2' 0"	F
17/12 "	46	1' 0"	M	" "	39	1' 0"	M	" "	43	1' 0"	M
" "	45	1' 0"	M	" "	39	2' 0"	M	" "	50	2' 6"	M
" "	50	1' 0"	F	" "	44	2' 0"	M	" "	45	2' 0"	M
" "	48	1' 0"		" "	48	1' 6"	M	" "	46	2' 0"	M
" "	41	1' 0"		28/12 "	47	2' 0"	F	" "	41	2' 0"	M

Table No. 7.—Humpback foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{3}{1}$ 36	46	1' 0"	M	$\frac{10}{1}$ 36	43	3' 0"	M	$\frac{24}{1}$ 36	46	4' 6"	M
$\frac{4}{1}$ "	48	2' 0"	M	$\frac{11}{1}$ "	43	2' 0"	M	" "	40	2' 6"	M
" "	43	1' 6"	M	" "	45	7' 0"	M	" "	39	3' 0"	M
" "	41	2' 0"	F	" "	47	3' 0"	M	$\frac{25}{1}$ "	46	3' 0"	F
" "	50	2' 6"	M	" "	42	2' 0"	M	" "	46	2' 0"	F
" "	49	2' 6"	M	$\frac{12}{1}$ "	42	2' 0"	M	$\frac{26}{1}$ "	44	2' 0"	F
" "	46	1' 6"	F	" "	45	2' 0"	F	" "	45	5' 0"	F
" "	41	1' 6"	F	$\frac{13}{1}$ "	49	2' 1"	M	" "	42	5' 0"	F
" "	46	2' 6"	F	" "	44	1' 0"	F	" "	45	2' 0"	F
$\frac{5}{1}$ "	45	2' 0"	M	$\frac{14}{1}$ "	48	2' 6"	M	$\frac{27}{1}$ "	43	3' 0"	M
" "	45	2' 0"	F	" "	48	1' 6"	M	" "	45	2' 0"	F
" "	44	3' 0"	M	$\frac{15}{1}$ "	45	3' 0"	M	" "	46	2' 0"	F
" "	42	2' 0"	F	" "	44	3' 0"	M	" "	45	4' 0"	M
" "	45	2' 0"	F	" "	43	2' 0"	F	" "	50	3' 0"	F
" "	38	1' 0"	F	$\frac{16}{1}$ "	45	2' 0"	M	" "	47	2' 6"	F
" "	46	11' 6"	M	" "	42	2' 0"	F	" "	46	1' 0"	M
" "	44	3' 0"	F	" "	48	1' 0"	M	$\frac{28}{1}$ "	47	1' 6"	M
" "	48	2' 0"	M	" "	47	2' 0"	F	" "	42	2' 0"	M
$\frac{6}{1}$ "	43	1' 6"	M	$\frac{17}{1}$ "	43	3' 6"	F	" "	49	2' 0"	F
" "	43	1' 8"	M	" "	45	3' 2"	F	" "	47	3' 0"	M
" "	44	1' 4"	F	" "	43	1' 2"	M	" "	44	1' 0"	F
" "	42	2' 4"	F	" "	45	2' 0"	F	" "	41	2' 0"	F
$\frac{7}{1}$ "	46	1' 5"	M	$\frac{18}{1}$ "	44	1' 6"	F	" "	42	3' 0"	F
" "	45	1' 4"	F	" "	45	3' 0"	M	$\frac{29}{1}$ "	47	2' 0"	M
" "	42	2' 11"	M	" "	50	2' 0"	M	" "	46	3' 7"	M
" "	42	2' 6"	M	" "	43	2' 0"	F	" "	44	2' 1"	M
" "	41	2' 0"	M	" "	48	1' 6"	F	" "	41	2' 0"	M
" "	43	2' 0"	M	" "	47	2' 4"	M	" "	45	2' 0"	M
" "	44	2' 3"	M	" "	46	3' 5"	M	" "	42	2' 0"	F
" "	37	1' 1"	M	" "	45	2' 0"	M	" "	45	4' 0"	F
" "	41	1' 8"	M	" "	45	3' 0"	M	" "	44	2' 0"	M
" "	40	1' 3"	M	" "	47	2' 6"	M	" "	45	4' 0"	M
$\frac{8}{1}$ "	52	2' 0"	F	$\frac{19}{1}$ "	47	1' 6"	F	" "	45	3' 0"	M
" "	44	2' 6"	F	" "	41	2' 0"	F	" "	47	3' 0"	F
" "	50	2' 4"	M	" "	44	4' 0"	M	" "	39	0' 6"	M
" "	44	2' 7"	M	" "	46	4' 0"	M	$\frac{30}{1}$ "	41	1' 3"	M
" "	45	10' 0"	M	" "	41	2' 0"	F	" "	45	2' 0"	M
" "	42	1' 8"	F	" "	43	2' 6"	F	" "	44	1' 0"	M
" "	42	2' 7"	F	" "	43	2' 2"	M	" "	39	3' 0"	F
" "	40	1' 11"	F	" "	46	3' 0"	M	" "	41	2' 0"	F
" "	40	2' 2"	F	" "	44	3' 0"	F	" "	44	5' 0"	F
" "	50	3' 8"	F	" "	42	2' 0"	F	" "	43	3' 3"	M
" "	43	2' 4"	F	" "	40	3' 0"	M	" "	41	3' 3"	M
" "	43	3' 0"	F	$\frac{20}{1}$ "	44	2' 0"	F	" "	44	2' 0"	M
" "	44	1' 8"	F	" "	47	1' 6"	F	" "	46	4' 0"	M
" "	48	2' 0"	F	$\frac{21}{1}$ "	47	2' 0"	M	" "	45	1' 6"	F
" "	42	3' 0"	F	$\frac{22}{1}$ "	45	2' 0"	F	" "	44	1' 6"	F
$\frac{9}{1}$ "	45	2' 0"	F	" "	42	1' 6"	M	" "	44	2' 0"	F
" "	46	3' 0"	F	$\frac{23}{1}$ "	40	1' 6"	F	$\frac{31}{1}$ "	46	1' 9"	F
" "	43	4' 0"	M	" "	39	2' 0"	F	" "	46	2' 3"	F
" "	49	2' 7"	M	" "	43	3' 0"	M	" "	41	2' 9"	F
" "	50	2' 7"	M	" "	47	2' 6"	M	" "	41	3' 3"	M
" "	44	1' 6"	M	" "	48	2' 6"	M	" "	44	2' 0"	F
" "	45	3' 0"	F	" "	47	2' 6"	F	" "	50	4' 0"	M
" "	47	2' 0"	F	" "	42	2' 0"	M	" "	45	3' 0"	M
$\frac{10}{1}$ "	45	1' 6"	M	" "	50	1' 6"	F	" "	40	3' 0"	F
" "	44	1' 0"	F	$\frac{24}{1}$ "	46	1' 6"	M	" "	46	2' 0"	F
" "	45	1' 9"	M	" "	49	2' 6"	M	" "	49	2' 0"	F

Table No. 7.—Humpback foetuses (cont.).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$1/2$ 36	42	2'9"	M	$6/2$ 36	48	3'6"	F	$18/2$ 36	41	1'0"	M
" "	43	2'0"	F	" "	50	5'0"	M	" "	47	4'0"	M
" "	41	3'0"	F	" "	41	3'0"	M	" "	47	3'0"	M
" "	50	5'0"	M	" "	44	2'0"	M	$19/2$ "	44	4'0"	F
$2/2$ "	42	2'8"	F	" "	38	2'0"	F	" "	45	3'0"	M
" "	42	4'0"	M	" "	46	3'0"	M	" "	47	2'0"	M
" "	45	4'0"	F	$7/2$ "	45	3'2"	F	$20/2$ "	45	5'0"	F
" "	43	5'0"	M	" "	47	3'0"	F	" "	48	3'6"	M
" "	47	2'0"	F	" "	50	4'0"	F	" "	40	7'0"	F
" "	42	3'0"	M	$8/2$ "	44	1'0"	M	" "	46	4'0"	F
" "	47	1'6"	F	" "	45	2'0"	M	" "	47	4'6"	M
" "	47	4'0"	F	" "	45	3'6"	M	" "	43	2'6"	M
" "	48	3'0"	F	$9/2$ "	43	2'5"	M	" "	47	3'0"	F
" "	41	4'6"	F	" "	42	2'2"	F	$21/2$ "	45	2'6"	M
" "	48	1'6"	M	" "	42	6'0"	F	" "	47	5'0"	F
$3/2$ "	43	5'4"	M	$10/2$ "	49	3'0"	M	" "	45	5'0"	F
" "	39	3'0"	F	$11/2$ "	49	3'6"	F	" "	47	5'6"	M
" "	44	2'6"	F	" "	47	6'0"	F	" "	42	4'0"	F
" "	40	2'0"	F	" "	42	4'0"	M	" "	43	3'0"	M
" "	43	2'8"	M	" "	44	4'0"	M	" "	46	4'0"	M
" "	42	4'0"	F	$12/2$ "	41	2'6"	F	$22/2$ "	46	4'0"	F
" "	40	2'0"	F	" "	44	4'0"	F	" "	45	5'0"	M
" "	45	2'0"	F	" "	43	4'0"	M	" "	40	2'6"	F
$4/2$ "	47	1'6"	M	" "	48	4'0"	M	" "	46	4'0"	M
" "	45	3'0"	F	" "	46	4'6"	F	$28/2$ "	42	4'0"	F
$5/2$ "	45	4'0"	M	$13/2$ "	42	3'6"	F	" "	48	3'0"	F
" "	45	4'0"	F	" "	46	4'2"	F	$29/2$ "	42	3'0"	F
" "	47	3'0"	M	" "	38	4'0"	F	" "	47	3'6"	M
" "	46	4'0"	M	" "	46	5'0"	M	$4/3$ "	46	5'7"	M
" "	46	2'0"	F	" "	46	3'0"	F	" "	42	4'0"	F
$6/2$ "	45	2'6"	F	$15/2$ "	44	4'0"	F	$7/3$ "	43	13'4"	F
" "	44	3'6"	M	" "	43	4'0"	M	" "	46	5'4"	M

Total 435 humpback foetuses, of which 213 males and 183 females. Sex was not stated for 39 foetuses. Of the 396 foetuses, for which sex was stated, 53.79 per cent were males and 46.21 per cent females.

**Table No. 8.—Size of pregnant whale females caught in the Southern Seas in the season 1935/36.**

**1. Blue-whale females.**

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		
65	1	83	136	
66	1	84	173	
68	1	85	204	
69	1	86	186	
71	4	87	168	
72	4	88	152	Number of foetuses measured . . . . . 1,844
73	4	89	106	of which twin-pairs . . . . . 5
74	14	90	82	and triples . . . . . 2
75	13	91	43	
76	31	92	26	
77	34	93	12	
78	40	94	13	
79	55	95	3	
80	104			
81	100			
82	124	Total	1,835	

**2. Fin-whale females.**

56	1	75	138	
62	5	76	87	
63	6	77	63	
64	9	78	32	
65	23	79	21	Number of foetuses measured . . . . . 1,509
66	19	80	8	of which twin-pairs . . . . . 13
67	48	81	1	
68	65	84	1	
69	85	85	1	
70	153	86	1	
71	137	87	1	
72	210			
73	185			
74	196	Total	1,496	

**3. Humpback females.**

36	2	46	53	
37	2	47	41	
38	5	48	22	
39	12	49	10	Number of foetuses measured . . . . . 435
40	18	50	15	of which twin-pairs . . . . . 1
41	34	51	1	
42	52	52	2	
43	45			
44	56			
45	64	Total	434	



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

**1. Blue-whale foetuses**

measured in the Southern Seas in the season 1935/36.

Groups of size.	Oct.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.							
Less than 1' .....	—	—	3	—	—	—	3
1'—1' 11" .....	1	2	21	5	—	—	29
2'—2' 11" .....	1	2	31	6	—	—	40
3'—3' 11" .....	1	4	68	19	1	1	94
4'—4' 11" .....	—	3	108	30	8	—	149
5'—5' 11" .....	2	7	141	57	14	2	223
6'—6' 11" .....	—	2	124	58	16	—	200
7'—7' 11" .....	1	2	91	52	16	2	164
8'—8' 11" .....	—	—	72	86	21	3	182
9'—9' 11" .....	—	1	37	51	15	5	109
10'—10' 11" .....	—	1	45	67	46	10	169
11'—11' 11" .....	—	—	14	29	19	4	66
12'—12' 11" .....	—	—	11	51	25	11	98
13'—13' 11" .....	—	—	2	26	29	6	63
14'—14' 11" .....	—	—	7	18	30	14	69
15'—15' 11" .....	—	—	3	17	23	10	53
16'—16' 11" .....	—	—	1	13	9	8	31
17'—17' 11" .....	—	—	—	9	14	8	31
18'—18' 11" .....	—	—	1	4	18	5	28
19'—19' 11" .....	—	—	—	2	6	5	13
20'—20' 11" .....	—	—	1	1	9	6	17
21'—21' 11" .....	—	—	—	—	2	1	3
22'—22' 11" .....	—	—	1	—	2	4	7
23'—23' 11" .....	—	—	—	—	—	1	1
24'—24' 11" .....	—	—	—	—	1	—	1
25'—25' 11" .....	—	—	—	—	—	1	1
Total blue-whale foetuses .....	6	24	782	601	324	107	1,844
Average size of foetuses .....	4' 0"	4' 7"	6' 1"	7' 4"	11' 11"	14' 4"	8' 5"

**2. Humpback foetuses**

measured in the Southern Seas in the season 1935/36.

Engl. feet.							
Less than 1' .....	—	—	7	2	—	—	9
1'—1' 11" .....	—	—	74	47	5	—	126
2'—2' 11" .....	—	—	50	93	21	—	164
3'—3' 11" .....	—	—	4	36	25	—	65
4'—4' 11" .....	—	—	—	8	28	1	37
5'—5' 11" .....	—	—	1	3	10	2	16
6'—6' 11" .....	—	—	3	—	2	—	5
7'—7' 11" .....	—	—	1	1	1	—	3
9'—9' 11" .....	—	—	4	—	—	—	4
10'—10' 11" .....	—	—	2	1	—	—	3
11'—11' 11" .....	—	—	—	1	—	—	1
12'—12' 11" .....	—	—	1	—	—	1	2
Total humpback foetuses .....	—	—	147	192	92	4	435
Average size of foetuses .....	—	—	2' 1"	2' 4"	3' 5"	6' 10"	2' 6"

Table No. 9 (continued).

**3. Fin-whale foetuses**  
measured in the Southern Seas in the season 1935/36.

Groups of size.	Oct.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.							
Less than 1' . . . . .	-	-	1	-	1	-	2
1'— 1' 11" . . . . .	-	-	11	9	9	-	29
2'— 2' 11" . . . . .	1	2	15	30	10	3	61
3'— 3' 11" . . . . .	-	-	29	28	24	4	85
4'— 4' 11" . . . . .	-	1	41	57	29	6	134
5'— 5' 11" . . . . .	-	-	31	79	37	11	158
6'— 6' 11" . . . . .	1	-	30	83	46	8	168
7'— 7' 11" . . . . .	-	-	20	61	35	8	124
8'— 8' 11" . . . . .	-	-	5	84	70	15	174
9'— 9' 11" . . . . .	-	-	6	54	41	11	112
10'—10' 11" . . . . .	-	1	7	54	49	11	122
11'—11' 11" . . . . .	-	-	-	21	43	9	73
12'—12' 11" . . . . .	-	-	-	26	68	15	109
13'—13' 11" . . . . .	-	-	-	12	31	8	51
14'—14' 11" . . . . .	-	-	-	8	23	8	39
15'—15' 11" . . . . .	-	-	-	4	19	16	39
16'—16' 11" . . . . .	-	-	-	2	11	3	16
17'—17' 11" . . . . .	-	-	-	1	2	4	7
18'—18' 11" . . . . .	-	-	-	-	3	-	3
19'—19' 11" . . . . .	-	-	-	-	-	1	1
20'—20' 11" . . . . .	-	-	-	-	1	1	2
Total fin-whale foetuses . . . . .	2	4	196	613	552	142	1,509
Average size of foetuses . . . . .	4' 0"	4' 6"	4' 10"	7' 1"	9' 0"	10' 0"	7' 9"

**Table 10.—Whale foetuses, by species and sex, in each month  
in the season 1935/36.**

Kind of foetuses and months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	Males.	Females.			
<b>1. Blue-whale foetuses.</b>					
October . . . . .	-	4	2	6	-
November . . . . .	9	12	3	24	75
December . . . . .	361	352	69	782	103
January . . . . .	264	295	42	601	89
February . . . . .	160	150	14	324	107
March . . . . .	48	50	9	107	96
Total	842	863	139	1,844	98
<b>2. Fin-whale foetuses.</b>					
October . . . . .	-	1	1	2	-
November . . . . .	-	1	3	4	-
December . . . . .	81	90	25	196	90
January . . . . .	289	291	33	613	99
February . . . . .	265	248	39	552	107
March . . . . .	63	70	9	142	90
Total	698	701	110	1,509	100
<b>3. Humpback foetuses.</b>					
December . . . . .	69	57	21	147	121
January . . . . .	99	78	15	192	127
February . . . . .	43	46	3	92	93
March . . . . .	2	2	-	4	100
Total	213	183	39	435	116

