

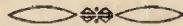
DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

XXIV

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS



OSLO 1950

Price: kr. 2.00.

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PREFACE

The present publication, International Whaling Statistics XXIV, contains statistics covering the Antarctic Whaling during the season 1948–49.

All the expeditions participating have sent in to the Committee the statistical data required according to the International Convention for the Regulation of whaling with exception of the U.S.S.R. floating factory “Slava”, whose statistical records are only complete as far as the number of whales killed, the oil production and the whaling equipment engaged, is concerned. The “Slava”’s statistical data give no information as to the size and sex of the animals and where the pelagic operations have been carried on. The tables recording the number of whales killed, the production of whale- and sperm-oil and the number of floating factories and catchers engaged, therefore embrace all expeditions, while the tables giving the average size of whales killed, mature and immature animals, foetus-measurements, the areas covered and the monthly data do not include the U.S.S.R. expedition.

Oslo, 20th May 1950.

Gunnar Jahn.

Birger Bergersen.

Harald B. Paulsen.

INTRODUCTION

During the Antarctic season 1948–49 18 floating factories, 3 shore stations and 212 catchers carried on whaling. This surpassed the fleet operating during the 1947–48 season by 1 floating factory and 29 catchers. The whaling apparatus in 1948–49 belonged to the following participating countries as follows:

Norway.....	10	floating factories,	1	shore station,	108	catchers
United Kingdom	3	”	”	1	”	”
Union of South-Africa	1	”	”		14	”
The Netherlands	1	”	”		10	”
U.S.S.R.	1	”	”		12	”
Japan	2	”	”		14	”
Argentina			1	”	”	7

The International Convention for the Regulation of whaling of December 2nd 1946 came into force on November 10th 1948, having then been ratified by the following countries: The Netherlands, Norway, The Union of Soviet Socialist Republics, The United Kingdom of Great Britain and Northern Ireland, The United States of America, Australia, The Union of South-Africa and Iceland.

The regulations laid down in the International Whaling Convention are on the whole in accordance with the International Whaling Agreements being in force from 1937–38 until and including 1947–48. Of the more important regulations concerning the Antarctic whaling may be mentioned:

1. The maximum pelagic catch of baleen whales shall not exceed 16,000 blue-whale units. 1 blue-whale unit = 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales.
2. For 1948–49 the whaling period for the pelagic expeditions was restricted to December 15th 1948—April 1st 1949. For 1949–50 the whaling period has been fixed to December 22nd 1949—April 7th 1950. The whaling period for the shore stations is 6 months.
3. It is forbidden to take or kill

blue-whales	below	70	feet
fin-whales	”	55	”
sei-whales	”	40	”
humpback-whales	”	35	”
sperm-whales	”	35	”

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

Season 1947—48.		Season 1948—49.	
Week ending	Number of blue-whale units	Week ending	Number of blue-whale units
13/12 1947	892.5	18/12 1948	734.0
20/12 "	933.0	25/12 "	1,136.0
27/12 "	1,005.0	1/1 1949	1,082.5
3/1 1948	890.5	8/1 "	1,393.5
10/1 "	1,109.5	15/1 "	1,379.5
17/1 "	1,420.5	22/1 "	1,145.5
24/1 "	1,337.5	29/1 "	1,322.5
31/1 "	1,063.5	5/2 "	1,006.5
7/2 "	968.5	12/2 "	1,131.5
14/2 "	1,130.0	19/2 "	1,215.5
21/2 "	822.0	26/2 "	993.0
28/2 "	935.5	5/3 "	1,130.5
6/3 "	927.5	12/3 "	787.5
13/3 "	826.5	19/3 "	809.5
20/3 "	770.0	26/3 "	658.5
27/3 "	796.0		
31/3 "	474.7		
Total	16,302.7	Total	15,926.0

It is also forbidden to take or kill right-whales and female whales accompanied by calves or suckling whales.

4. It is forbidden to use a floating factory or a catcher attached thereto for the purpose of taking or treating baleen whales in the waters south of 40° South Latitude from 70° West Longitude westward as far as 160° West Longitude.
5. It is forbidden to use a floating factory or a catcher attached thereto for the purpose of taking or treating humpbacks in any waters south of 40° South Latitude. During the seasons 1949–50 and 1950–51 it is permitted to kill 1,250 humpbacks each season.

The Committee for International Whaling Statistics has been commissioned to order operations to cease if the maximum catch of 16,000 blue-whale units may be reached before the official closing day, which for the season 1948–49 was fixed at April 1st. In accordance with the provisions of Article VII of the Convention weekly notifications have been sent in to the International Bureau for Whaling Statistics by all expeditions, recording the number of blue-whale units taken. Table a, above, gives a survey of the weekly catch based on the reports received during the last two seasons.

On March 5th 1949 the Committee for International Whaling Statistics held a meeting, and according to the weekly reports received, the catch per February 26th 1949 amounted to 12,540 blue-whale units. On the basis of

Table b.—Number and gross tonnage of floating factories and catchers engaged in pelagic whaling in the Antarctic 1933/34—1948/49.

Seasons	Floating factories			Catchers			
	Number	Gross tonnage	Average gross tonnage per fl. factory	Number	Gross tonnage	Average per catcher of:	
						Gross tonnage	I.H.P.
1933-34....	19	238,616	12,559	114	29,156	256	880
1934-35....	23	263,379	11,451	143	36,322	254	894
1935-36....	24	289,303	12,054	165	42,405	257	907
1936-37....	30	370,380	12,346	184	51,888	282	1,028
1937-38....	31	408,332	13,172	244	71,980	295	1,107
1938-39....	34	467,534	13,751	270	80,460	298	1,139
1939-40....	28	382,650	13,666	238	70,954	298	1,127
1940-41....	11	163,725	14,884	86	27,520	320	1,206
— — — —	—	—	—	—	—	—	—
1943-44....	1	14,362	14,362	8	2,180	310	1,238
1944-45....	1	12,215	12,215	8	2,180	310	1,238
1945-46....	9	123,499	13,722	77	24,326	316	1,239
1946-47....	15	198,179	13,212	129	41,301	320	1,266
1947-48....	17	234,759	13,809	162	56,156	347	1,376
1948-49....	18	254,406	14,134	191	76,272	399	1,562

calculations the Committee determined operations to cease at midnight on March 26th. According to the preliminary reports the total catch per March 26th amounted to 15,926 blue-whale units. By examining the statistical data sent in by the companies at the close of the season (see table *d*) it appears that the total catch of the pelagic expeditions amounted to:

7,399 blue-whales	=	7,399	blue-whale units
17,202 fin-whales	=	8,601	" "
13 humpbacks	=	5.2	" "
15 Sei-whales	=	2.5	" "

Total 16,007.7 blue-whale units

The discrepancy between the weekly reports and the above aggregate figures is due to the fact that the majority of the expeditions do not include whales lost after having been flagged or whales lost after delivery to the floating factory.

The result of the previous season 1947-48 amounted to 16,302.7 blue-whale units according to the weekly reports, while the total catch according to the final statistics of the expeditions amounted to 16,364.3 blue-whale units. In this season operations ceased on March 31st 1948.

As it will be observed, the Committee has—for these 2 seasons—succeeded in limiting the catch as closely as at all possible to 16,000 blue-whale units.

During the period 1934-35 until and including 1948-49 the whaling periods for the pelagic expeditions in the Antarctic have been as follows:

Season 1934—35.....	December 1st—March 31st
1935—36.....	December 1st—March 15th
1936—37.....	December 8th—March 7th
1937—38.....	December 8th—March 15th
1938—39.....	December 8th—March 7th
1939—40.....	December 8th—March 7th
— — — —	
1945—46.....	November 24th—March 24th
1946—47.....	December 8th—April 7th
1947—48.....	December 8th—March 31st
1948—49.....	December 15th—March 26th

The whaling period for the last season lasted in other words 102 days, which is 13 days less than for the season 1947—48. In the season 1948—49 the whaling period commenced 7 days later and closed 5 days earlier than in the previous season. The whaling period is the one important factor to be considered

Table c.—Total Antarctic.

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Bluc.	Fin.	Hump-back.	Sei.	Sperm.	Others.			Shore stations.	Floating factories.	Catchers.	
1919-20	1,874	3,213	261	71	8	14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	13	8,448	390,627	6	8	47	180
1921-22	4,416	2,492	9	103	3	—	7,023	452,517	6	8	46	153
1922-23	5,683	3,677	517	10	23	—	9,910	614,547	6	13	60	165
1923-24	3,732	3,035	233	193	66	12	7,271	464,678	7	13	66	110
1924-25	5,703	4,366	359	1	59	—	10,488	697,091	6	13	65	161
1925-26	4,697	8,916	364	195	37	10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	4	13,775	1,037,392	6	18	84	164
1928-29	12,734	6,689	48	808	62	—	20,341	1,631,340	6	26	111	183
1929-30	17,487	11,539	852	216	73	—	30,167	2,546,759	6	38	194	156
1930-31	29,410	10,017	576	145	51	2	40,201	3,608,348	6	41	232	173
1931-32	6,488	2,871	184	16	13	—	9,572	808,560	2	5	45	213
1932-33	18,891	5,168	159	2	107	—	24,327	2,456,462	1	17	118	206
1933-34	17,349	7,200	872	—	666	—	26,087	2,395,544	2	19	126	207
1934-35	16,500	12,500	1,965	266	577	—	31,808	2,453,999	2	23	153	208
1935-36	17,731	9,697	3,162	2	399	—	30,991	2,436,338	2	24	175	177
1936-37	14,304	14,381	4,477	490	926	1	34,579	2,658,108	2	30	196	176
1937-38	14,923	28,009	2,079	161	867	—	46,039	3,340,330	2	31	256	180
1938-39	14,081	20,784	883	22	2,585	1	38,356	2,820,771	2	34	281	136
1939-40	11,480	18,694	2	81	1,938	2	32,900	2,544,253	2	28	240	137
1940-41	4,943	7,831	2,675	110	804	—	16,363	1,100,008	1	11	93	176
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	339	1,158	4	197	101	—	1,799	132,001	1	1	15	120
1944-45	1,042	1,666	60	78	45	—	2,891	223,540	1	1	15	193
1945-46	3,606	9,185	238	85	273	—	13,387	818,652	3	9	93	144
1946-47	9,192	14,547	29	393	1,431	1	25,593	1,939,742	3	15	147	174
1947-48	6,908	21,141	26	621	2,622	—	31,318	2,104,051	3	17	183	171
1948-49	7,625	19,124	31	577	3,905	—	31,262	2,206,594	3	18	212	147

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

Table d.—Pelagic whaling in the Antarctic.¹

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.			Shore stations.	Float-ing factories.	Catch-ers.	
1919-20	887	1,540	182	—	—	—	2,609	Barrels. 125,788	—	6	18	145
1920-21	1,761	2,848	157	—	—	—	4,766	213,490	1	8	26	183
1921-22	1,846	1,782	—	—	—	—	3,628	203,475	1	8	26	140
1922-23	2,114	2,232	197	—	4	—	4,547	266,994	1	12	37	123
1923-24	1,805	1,657	103	2	17	²⁾ 12	3,596	217,215	1	13	43	84
1924-25	2,191	2,347	97	—	35	—	4,670	290,915	1	12	41	114
1925-26	2,842	3,207	128	182	25	²⁾ 10	6,394	378,850	1	14	47	136
1926-27	2,856	3,958	189	413	22	²⁾ 12	7,450	455,070	1	16	57	131
1927-28	6,209	3,102	23	788	12	²⁾ 4	10,138	733,912	1	17	61	166
1928-29	11,174	3,559	33	412	31	—	15,209	1,282,711	1	25	88	176
1929-30	16,999	8,143	806	—	34	—	25,982	2,298,796	1	38	167	153
1930-31	28,325	8,601	510	1	27	²⁾ 1	37,465	3,420,410	1	41	205	183
1931-32	6,050	1,136	178	—	3	—	7,367	686,355	—	5	33	223
1932-33	18,624	4,441	159	—	107	—	23,331	2,401,879	—	17	112	208
1933-34	16,813	5,472	780	—	659	—	23,724	2,263,357	—	19	115	206
1934-35	15,944	11,664	1,928	141	556	—	30,233	2,345,858	—	23	143	211
1935-36	16,510	9,177	3,121	2	396	—	29,206	2,293,153	—	24	165	177
1936-37	14,183	13,302	4,460	19	856	²⁾ 1	32,821	2,576,479	—	30	184	178
1937-38	14,826	26,457	2,039	6	824	—	44,152	3,250,064	—	31	244	181
1938-39	13,849	19,477	883	3	2,468	²⁾ 1	36,681	2,709,281	—	34	270	136
1939-40	11,392	17,757	2	1	1,853	²⁾ 704	31,709	2,479,471	—	28	228	139
1940-41	4,936	7,084	2,675	22	778	—	15,495	1,055,510	—	11	88	176
1941-42	—	—	—	—	—	—	—	—	—	—	—	—
1942-43	—	—	—	—	—	—	—	—	—	—	—	—
1943-44	311	526	—	—	—	—	837	82,000	—	1	8	105
1944-45	914	679	—	2	—	—	1,595	148,000	—	1	8	199
1945-46	3,526	7,729	—	3	216	—	11,474	739,775	—	9	77	149
1946-47	8,865	12,877	1	2	1,298	—	23,043	1,794,424	—	15	129	179
1947-48	6,862	18,999	2	12	2,494	—	28,369	1,940,653	—	17	162	175
1948-49	7,399	17,202	13	15	3,692	—	28,321	2,034,455	—	18	191	148

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

when analysing the whaling results. Another important factor is the number of catchers engaged. As previously mentioned 212 catchers were operating in the Antarctic during the last season, of which 191 in pelagic whaling. These catchers were employed by 18 floating factories. That was 1 floating factory more than in 1947-48, while the number of catchers had been increased by 29.

From table *b*, on page 9, it will be observed that the number of floating factories employed is much lower now than before the war. This is also the case as far as the number of catchers is concerned. The average number of catchers per floating factory, however, amounted to 10.6 during the last season, while the highest number reached during the last pre-war seasons was 7.9. At the same time the capacity of the catchers has constantly increased, measured by average gross tonnage as well as by engine power. Before the last war the average gross tonnage did not reach 300 gross tons. During the last season the figure was 399. The average engine power, measured by I. H. P. was before the last war well over 1,100, and during the last season 1,562. This considerable rise in the size

Table e.—Average production per floating factory and catcher in the pelagic whaling in Antarctic 1925/26—1948/49 (exclusive of the war seasons).

I. Floating factories:

Seasons.	Total production of whale oil.	Total number of fl. fact.	Average production per fl. fact.	Catching days.		Total production per day for the whole fleet.	Average production per floating factory's day-work.
				Total.	Average		
	Barrels.		Barrels.			Barrels.	Barrels.
1925-26	¹⁾ 377,811	14	26,987	2,185	156	2,422	173
1926-27	¹⁾ 454,234	16	28,390	2,498	156	2,912	182
1927-28	¹⁾ 733,312	17	43,136	2,580	152	4,824	284
1928-29	¹⁾²⁾ 1,282,281	25	51,291	3,762	150	8,549	341
1929-30	2,258,842	38	59,443	5,846	154	14,668	386
1930-31	3,384,048	41	82,538	6,940	169	20,024	488
1931-32	686,193	5	137,239	772	154	4,456	889
1932-33	2,395,042	17	140,885	2,522	148	16,183	950
1933-34	2,225,663	19	117,140	2,327	122	18,243	956
1934-35	2,312,702	23	100,552	2,834	123	18,802	816
1935-36	2,269,524	24	94,564	2,325	97	23,397	976
1936-37	2,527,026	30	84,234	2,884	96	26,323	876
1937-38	3,201,153	31	103,263	3,157	102	31,384	1,014
1938-39	2,564,506	34	75,427	3,281	97	26,438	782
1945-46	728,716	9	80,968	998	111	6,565	730
1946-47	1,728,370	15	115,225	1,664	111	15,571	1,039
1947-48	1,809,560	17	106,445	1,890	111	16,302	957
1948-49	1,841,001	18	102,278	1,822	101	18,228	1,010

II. Catchers:

Seasons.	Total production of whale oil.	Total number of catchers.	Average production per catcher.	Catching days.		Average oil production per catcher's day-work.	Average number of whales caught ³⁾ per catcher's day-work
				Total.	Average per catcher.		
	Barrels.		Barrels.			Barrels.	
1925-26 ¹⁾	377,811	47	8,039	7,144	152	53	0.89
1926-27 ¹⁾	454,234	57	7,969	8,537	150	53	0.87
1927-28 ¹⁾	733,312	61	12,022	8,824	145	83	1.14
1928-29 ¹⁾²⁾	1,282,281	88	14,571	12,835	146	100	1.18
1929-30	2,258,842	163	13,858	25,049	154	90	1.01
1930-31	3,384,048	200	16,920	33,690	168	100	1.09
1931-32	686,193	33	20,794	5,146	156	133	1.43
1932-33	2,395,042	112	21,384	16,604	148	144	1.40
1933-34	2,225,663	114	19,523	13,967	122	159	1.65
1934-35	2,312,702	143	16,173	17,946	125	129	1.66
1935-36	2,269,524	165	13,755	16,075	97	141	1.80
1936-37	2,527,026	184	13,734	17,761	97	142	1.80
1937-38	3,201,153	244	13,119	24,749	101	129	1.76
1938-39	2,564,506	270	9,498	26,104	97	98	1.31
1945-46	728,716	77	9,464	7,784	101	94	1.45
1946-47	1,728,370	129	13,398	14,635	113	118	1.50
1947-48	1,809,560	162	11,170	17,879	110	101	1.45
1948-49	1,841,001	191	9,639	19,065	100	97	1.29

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

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

Years.	Species of whales caught.					
	Blue.	Fin.	Hump- back.	Sel.	Sperm.	Total.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1927-28.....	61.3	30.6	0.2	7.8	0.1	100
1928-29.....	73.5	23.4	0.2	2.7	0.2	100
1929-30.....	65.4	31.3	3.1	—	0.2	100
1930-31.....	75.6	23.0	1.3	—	0.1	100
1931-32.....	82.1	15.4	2.4	—	0.1	100
1932-33.....	79.8	19.0	0.7	—	0.5	100
1933-34.....	70.9	23.1	3.3	—	2.7	100
1934-35.....	52.7	38.6	6.4	0.5	1.8	100
1935-36.....	56.5	31.4	10.7	—	1.4	100
1936-37.....	43.2	40.5	13.6	0.1	2.6	100
1937-38.....	33.5	59.9	4.6	0.1	1.9	100
1938-39.....	37.8	53.1	2.4	—	6.7	100
1939-40.....	36.7	57.3	—	—	6.0	100
1940-41.....	31.9	45.7	17.3	0.1	5.0	100
1943-44.....	37.2	62.8	—	—	—	100
1944-45.....	57.3	42.6	—	0.1	—	100
1945-46.....	30.7	67.4	—	—	1.9	100
1946-47.....	38.5	55.9	—	—	5.6	100
1947-48.....	24.2	67.0	—	—	8.8	100
1948-49.....	26.1	60.7	0.1	0.1	13.0	100

and engine power of the catchers obviously means a far more efficient whaling apparatus as compared with that of previous years.

In table *c*, on page 10 is given a survey of the Antarctic whaling results from 1919-20 until and including 1948-49. As will be seen from this table the result of last season's operations was 31,262 whales—approximately the same figure as that of the previous season. That is a remarkably high number of whales killed. Only during 4 previous seasons—1930-31, 1936-37, 1937-38, and 1938-39—essentially higher results have been obtained. This must be taken into consideration when judging the tax imposed upon the stock of whales. The oil production was also considerable—2,206,594 barrels—but it did not attain the level of the production in the 1929/30—1939/40 seasons. It must be observed that the sperm-oil during the last season formed a larger portion of the total oil production than generally before the last war.

Table *c* shows the results of all whaling operations in the Antarctic, but the whaling from the shore stations is quite insignificant in comparison with the pelagic operations. A survey of the pelagic whaling is recorded in table *d*, on page 11.

The pelagic whaling resulted in 28,321 whales killed, which is also a very high figure. Approximately the same number of whales was killed during the season 1947-48. The distinguishing factor of the season 1948-49 is the high number of sperm-whales killed, the total catch amounting to 3,692 sperm-whales. This is the highest figure ever recorded in respect to the sperm-whale during one single season in the Antarctic. The catching of sperm-whales, being unrestricted by time limitations, begins before the opening of the baleen-whale season, but

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

Species of whales and seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1938-39..	-	1,353	10,138	12,626	9,986	¹⁾ 2,562	-	¹⁾ 36,665	¹⁾ 36,681
	1939-40..	-	151	¹⁾ 4,079	6,020	5,509	1,417	-	¹⁾ 17,176	²⁾ 31,709
	1940-41..	-	306	1,075	552	4	362	64	2,363	15,495
	1943-44..	-	-	-	143	307	326	61	837	837
	1944-45..	-	29	499	488	361	218	-	1,595	1,595
	1945-46..	-	58	1,316	3,237	3,749	2,452	624	11,436	11,474
	1946-47..	-	351	4,549	6,256	5,768	5,363	746	23,033	23,043
	1947-48..	-	455	5,321	9,174	6,832	6,410	-	28,192	28,369
1948-49..	-	848	5,006	9,383	7,078	4,911	-	27,226	28,321	
<i>Blue-whales.</i>	1938-39..	-	846	5,124	4,899	2,368	602	-	13,839	13,849
	1939-40..	-	-	1,864	1,986	1,380	337	-	5,567	11,392
	1940-41..	-	230	631	220	-	11	3	1,095	4,936
	1943-44..	-	-	-	74	89	141	7	311	311
	1944-45..	-	7	321	318	172	96	-	914	914
	1945-46..	-	21	679	1,041	1,204	480	91	3,516	3,526
	1946-47..	-	-	2,592	2,247	1,795	1,948	282	8,864	8,865
	1947-48..	-	2	2,296	1,968	1,479	1,100	-	6,845	6,862
1948-49..	-	-	1,799	2,496	1,696	1,165	-	7,156	7,399	
<i>Fin-whales.</i>	1938-39..	-	64	3,605	6,959	7,061	1,788	-	19,477	19,477
	1939-40..	-	-	1,773	3,760	4,054	1,054	-	10,641	17,757
	1940-41..	-	36	267	166	4	346	61	880	7,084
	1943-44..	-	-	-	69	218	185	54	526	526
	1944-45..	-	22	178	170	187	122	-	679	679
	1945-46..	-	27	545	2,121	2,514	1,962	532	7,701	7,729
	1946-47..	-	-	1,584	3,739	3,762	3,322	463	12,870	12,877
	1947-48..	-	-	2,167	6,565	5,005	5,217	-	18,864	18,999
1948-49..	-	-	1,841	6,210	4,857	3,455	-	16,363	17,202	
<i>Hump-backs.</i>	1938-39..	-	134	456	235	58	-	-	883	883
	1939-40..	-	-	2	-	-	-	-	2	2
	1940-41..	-	30	120	128	-	1	-	279	2,675
	1945-46..	-	-	-	-	-	-	-	-	-
	1946-47..	-	-	-	-	-	-	1	1	1
	1947-48..	-	1	1	-	-	-	-	2	2
1948-49..	-	2	5	2	-	4	-	13	13	
<i>Sei-whales.</i>	1938-39..	-	-	-	-	-	¹⁾ 4	-	¹⁾ 4	¹⁾ 4
	1939-40..	-	-	-	-	1	-	-	1	1
	1940-41..	-	-	-	-	-	-	-	-	22
	1944-45..	-	-	-	-	2	-	-	2	2
	1945-46..	-	-	-	-	2	1	-	3	3
	1946-47..	-	-	-	-	-	2	-	2	2
	1947-48..	-	-	-	-	-	12	-	12	12
1948-49..	-	-	-	-	1	14	-	15	15	
<i>Sperm-whales.</i>	1938-39..	-	309	953	533	499	168	-	2,462	2,468
	1939-40..	-	151	439	274	74	26	-	964	1,853
	1940-41..	-	10	57	38	-	4	-	109	778
	1945-46..	-	10	92	75	29	9	1	216	216
	1946-47..	-	351	373	270	211	91	-	1,296	1,298
	1947-48..	-	452	857	641	348	171	-	2,469	2,494
	1948-49..	-	846	1,361	675	524	273	-	3,679	3,692

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

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

Species of whales and seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.	
<i>Total animals</i>	1938-39	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
	1939-40	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
	
	
	
<i>Blue-whales</i>	1938-39	-	62.5	50.5	38.8	23.7	23.5	-	37.8	37.8
	1939-40	-	-	45.7	33.0	25.0	23.8	-	32.4	36.7
	1940-41	-	75.2	58.7	39.9	-	3.0	4.7	46.4	31.9
	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	51.7	29.0	43.3	11.5	37.2	37.2
	1944-45	-	24.1	64.3	65.2	47.6	44.0	-	57.3	57.3
	1945-46	-	36.2	51.6	32.2	32.1	19.6	14.6	30.8	30.7
	1946-47	-	-	57.0	35.9	31.1	36.3	37.8	38.5	38.5
	1947-48	-	0.4	43.2	21.4	21.6	17.1	-	24.3	24.2
1948-49	-	-	35.9	26.6	24.0	23.7	-	26.3	26.1	
<i>Fin-whales</i>	1938-39	-	4.7	35.6	55.1	70.7	69.8	-	53.1	53.1
	1939-40	-	-	43.5	62.5	73.6	74.4	-	62.0	57.3
	1940-41	-	11.7	24.8	30.0	100.0	95.6	95.3	37.2	45.7
	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	48.3	71.0	56.7	88.5	62.8	62.8
	1944-45	-	75.9	35.7	34.8	51.8	56.0	-	42.6	42.6
	1945-46	-	46.6	41.4	65.5	67.0	80.0	85.2	67.3	67.4
	1946-47	-	-	34.8	59.8	65.2	62.0	62.1	55.9	55.9
	1947-48	-	-	40.7	71.6	73.3	80.0	-	66.9	67.0
1948-49	-	-	36.8	66.2	68.6	70.4	-	60.1	60.8	
<i>Hump-backs</i>	1938-39	-	9.9	4.5	1.9	0.6	-	-	2.4	2.4
	1939-40	-	-	-	-	-	-	-	-	-
	1940-41	-	9.8	11.2	23.2	-	0.3	-	11.8	17.3
	-	-	-	-	-	-	-	-	-	-
	1945-46	-	-	-	-	-	-	-	-	-
	1946-47	-	-	-	-	-	-	0.1	-	-
	1947-48	-	0.2	-	-	-	-	-	-	-
1948-49	-	0.2	0.1	-	-	0.1	-	-	-	
<i>Sei-whales</i>	1938-39	-	-	-	-	-	0.1	-	-	-
	1939-40	-	-	-	-	-	-	-	-	-
	1940-41	-	-	-	-	-	-	-	-	0.1
	-	-	-	-	-	-	-	-	-	-
	1944-45	-	-	-	-	0.6	-	-	0.1	0.1
	1945-46	-	-	-	-	0.1	-	-	-	-
	1946-47	-	-	-	-	-	-	-	-	-
1947-48	-	-	-	-	-	0.2	-	-	-	
1948-49	-	-	-	-	-	0.3	-	0.1	0.1	
<i>Sperm-whales</i>	1938-39	-	22.9	9.4	4.2	5.0	6.6	-	6.7	6.7
	1939-40	-	100.0	10.8	4.5	1.4	1.8	-	5.6	6.0
	1940-41	-	3.3	5.3	6.9	-	1.1	-	4.6	5.0
	-	-	-	-	-	-	-	-	-	-
	1945-46	-	17.2	7.0	2.3	0.8	0.4	0.2	1.9	1.9
	1946-47	-	100.0	8.2	4.3	3.7	1.7	-	5.6	5.6
	1947-48	-	99.4	16.1	7.0	5.1	2.7	-	8.8	8.8
1948-49	-	99.8	27.2	7.2	7.4	5.5	-	13.5	13.0	

Table i.—Average size of whales killed in the Antarctic, by whaling grounds and species of whales 1937/38—1948/49.

Whaling grounds and species of whales.	1937 -38	1938 -39	1939 -40	1940 -41	1941 -42	1942 -43	1943 -44	1944 -45	1945 -46	1946 -47	1947 -48	1948 -49
Pelagic whaling.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
<i>Blue-whales.</i>												
Males	77.26	76.66	76.69	75.59	—	—	75.78	76.34	76.77	76.84	77.09	77.57
Females	79.70	79.57	79.74	80.03	—	—	79.87	79.29	79.85	79.72	79.83	80.83
Total animals.....	78.42	78.11	78.17	77.92	—	—	77.93	77.91	78.25	78.29	78.42	79.12
<i>Fin-whales.</i>												
Males	66.35	65.73	65.84	64.75	—	—	65.19	66.25	66.07	65.83	66.65	66.40
Females	69.72	68.92	68.96	67.88	—	—	67.55	68.89	69.20	69.00	69.55	69.65
Total animals.....	67.86	67.21	67.29	66.26	—	—	66.29	67.33	67.48	67.43	67.94	67.96
<i>Humpbacks.</i>												
Males	39.62	37.69	—	40.75	—	—	—	—	—	—	—	39.67
Females	41.95	40.47	—	43.15	—	—	—	—	—	—	46.00	42.50
Total animals.....	41.07	39.64	—	42.35	—	—	—	—	—	—	46.00	41.85
South Georgia.												
<i>Blue-whales, total ...</i>	70.89	75.81	72.41	—	72.96	73.20	73.00	73.38	73.41	77.09	76.28	76.29
<i>Fin-whales, total ...</i>	64.52	65.37	62.88	—	64.65	64.78	65.23	65.36	66.16	67.54	65.76	65.56
<i>Humpbacks, total ...</i>	41.53	—	—	—	42.83	—	40.50	42.03	41.47	38.57	41.42	40.17
<i>Sperm-whales, total..</i>	50.53	50.33	46.42	—	48.25	44.08	50.17	48.91	47.74	45.05	46.74	46.01

the greater number of sperm-whales killed is mainly due to the high prices of sperm-oil during the latest years.

The catch of baleen whales, which is of the greatest importance in these waters, decreased during the last season to 24,629 animals, as compared to 25,875 in 1947-48. However, when examining the whaling results, the total number of whales killed or the number of whales killed per catcher is of little value as a basis of comparison—as the whaling period has been curtailed, and also because the efficiency of the catchers has increased.

A better indication is given in table *e*, on page 12, which records a survey for a series of years of the average daily oil production per floating factory and per catcher. But as the daily oil production per floating factory depends on the species of whales killed as well as on the productive capacity of the factories, even these data will not give an exact expression of the whaling results.

The most reliable figures illustrating the development are those recorded in the last column of table *e*, II, of the average daily number of baleen whales killed per catcher (average number of baleen whales killed per catcher's day-work). These particulars indicate that the average daily result per catcher during the last season was 1.29 baleen whales. This is the lowest figure recorded since the season 1930-31, and the corresponding data for the other post-war seasons have never attained the level of the later thirties. This declining rate, the increased efficiency of the catchers notwithstanding, may be taken as a proof of a decrease in the stock of whales in the Antarctic.

Table j.—Average size of whales killed, by species and sex 1937/38—1948/49, excl. of blue-whales less than 70', fin-whales less than 55' and humpbacks less than 35'. Antarctic, pelagic whaling.

Species of whales.	1937-38	1938-39	1939-40	1940-41	1941-42 and 1942-43	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49
<i>Blue-whales.</i>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Males	77.76	77.30	77.21	77.00	—	75.88	76.48	77.15	77.56	77.89	77.92
Females	80.30	80.26	80.30	81.21	—	79.96	79.37	80.31	80.50	80.50	81.26
Total animals.	78.97	78.78	78.72	79.29	—	78.03	78.01	78.67	79.06	79.16	79.51
<i>Fin-whales.</i>											
Males	66.38	65.80	65.91	64.91	—	65.28	66.28	66.11	65.94	66.74	66.44
Females	69.76	68.97	69.03	68.03	—	67.61	68.89	69.24	69.10	69.65	69.70
Total animals.	67.89	67.28	67.36	66.42	—	66.37	67.55	67.51	67.53	68.04	68.01
<i>Humpbacks.</i>											
Males	39.92	38.11	—	40.75	—	—	—	—	—	—	39.67
Females	42.22	40.75	—	43.31	—	—	—	—	—	46.00	43.56
Total animals.	41.36	39.98	—	42.45	—	—	—	—	—	46.00	42.58

The predominant species of the baleen whales taken in Antarctic waters are blue- and fin-whales. As there has been no killing of humpbacks in any of the post-war seasons, the catch of baleen whales has consisted exclusively of the two above mentioned species.

In table *f*, on page 13 is given the relation between the various species of whales killed in pelagic operations in the Antarctic as from the season 1927-28. From this table it will be observed that the dominating species from the season 1927-28 until and including 1936-37 was the blue-whale, but for all later seasons except one, the fin-whale catch has formed the greatest portion of the total proceeds. This has been particularly the case during the post-war seasons, and in spite of a slight increase in the blue-whale catch during the last season as compared with 1947-48, the number of blue-whales killed is still in 1948-49 considerably lower than the number of fin-whales. The curtailment of the whaling period may have been an influencing factor in respect to the altered correlation between the blue- and fin-whale catch. On the other hand, the monthly figures recorded in absolute and percentage figures in tables *g* and *h*, on pages 14 and 15 do not indicate this factor to be the main cause of the decreasing blue-whale catch.

However, it is here particularly desirable to emphasize the decrease in the fin-whale catch from 1947-48 to 1948-49 in respect to January/February, these two months being completely covered by the whaling period during both seasons, and consequently the figures recorded being directly comparable. Notwithstanding the increase in the blue-whale catch, the whaling results of the different months seem to indicate that also the stock of fin-whales has been heavily taxed.

The Committee wants to draw the attention to the fact that monthly particulars are not yet available for the U.S.S.R. floating factory "Slava" for

Table k.—Antarctic, pelagic whaling. Catch of immature and mature whales 1937/38—1948/49.

	1937—38.		1938—39.		1939—40.		1940—41.		1941—42. 1942—43.	1943—44.		1944—45.		1945—46.		1946—47.		1947—48.		1948—49.	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.		Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
Blue-whales.																					
Immature																					
males	1,825	23.57	1,916	27.53	765	26.73	191	36.80	—	46	31.08	110	25.64	394	21.58	1,080	23.77	869	24.69	754	20.08
females . . .	2,392	33.90	2,350	34.16	876	32.46	194	33.68	—	47	28.83	151	31.13	480	28.40	1,390	29.91	1,090	32.77	892	26.23
animals . . .	4,217	28.49	4,266	30.83	1,641	29.51	385	35.16	—	93	29.90	261	28.56	874	24.86	2,470	26.87	1,959	28.62	1,646	23.00
Mature																					
males	5,919	76.43	5,043	72.47	2,097	73.27	328	63.20	—	102	68.92	319	74.36	1,432	78.42	3,464	76.23	2,650	75.31	3,001	79.92
females . . .	4,665	66.10	4,530	65.84	1,823	67.54	382	66.32	—	116	71.17	334	68.87	1,210	71.60	3,257	70.09	2,236	67.23	2,509	73.77
animals . . .	10,584	71.51	9,573	69.17	3,920	70.49	710	64.84	—	218	70.10	653	71.44	2,642	75.14	6,721	73.13	4,886	71.38	5,510	77.00
Fin-whales.																					
Immature																					
males	2,175	14.96	2,089	20.04	1,036	18.23	128	28.13	—	58	20.50	61	15.21	588	13.86	1,156	16.30	1,238	11.83	1,138	13.41
females . . .	2,005	16.89	2,029	22.41	1,086	21.95	120	28.24	—	71	28.86	38	13.67	511	14.77	1,257	16.88	1,363	16.23	1,195	15.17
animals . . .	4,180	15.83	4,118	21.14	2,122	19.96	248	28.18	—	129	24.39	99	14.58	1,099	14.27	2,413	16.59	2,601	13.79	2,333	14.26
Mature																					
males	12,367	85.04	8,333	79.96	4,648	81.77	327	71.87	—	225	79.50	340	84.79	3,654	86.14	5,936	83.70	9,230	88.17	7,348	86.59
females . . .	9,865	83.11	7,026	77.59	3,862	78.05	305	71.76	—	175	71.14	240	86.33	2,948	85.23	6,191	83.12	7,033	83.77	6,682	84.83
animals . . .	22,232	84.17	15,359	78.86	8,510	80.04	632	71.82	—	400	75.61	580	85.42	6,602	85.73	12,127	83.41	16,263	86.21	14,030	85.74
Humpbacks.																					
Immature																					
males	297	38.87	177	66.54	—	—	36	38.71	—	—	—	—	—	—	—	—	—	—	—	—	266.67
females . . .	435	34.36	305	49.43	—	—	43	23.12	—	—	—	—	—	—	—	—	—	—	—	—	440.00
animals . . .	732	36.06	482	54.59	—	—	79	28.32	—	—	—	—	—	—	—	—	—	—	—	—	646.15
Mature																					
males	467	61.13	89	33.46	—	—	57	61.29	—	—	—	—	—	—	—	—	—	—	—	—	133.33
females . . .	831	65.64	312	50.57	—	—	143	76.88	—	—	—	—	—	—	—	—	—	2	100.00	—	660.00
animals . . .	1,298	63.94	401	45.41	—	—	200	71.68	—	—	—	—	—	—	—	—	—	2	100.00	—	753.85

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

Species of whales. Seasons.	Area II.			Area III.			Area IV.			Area V.			All areas.			The Whaling Statistics' total figures for whales caught.
	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	Number of whales caught.	Per cent.	Average size of the whales. Eng. ft.	
Blue-whales.			Eng. ft.			Eng. ft.			Eng. ft.			Eng. ft.			Eng. ft.	
1933/34-1936/37	11,762	18.57	78.90	30,209	47.68	77.91	21,188	33.45	79.48	191	0.30	80.62	63,350	100	78.63	63,450
1937-38	2,821	19.06	78.84	6,223	42.04	78.40	5,757	38.90	78.23	-	-	-	14,801	100	78.42	14,826
1938-39	3,440	24.86	79.03	4,469	32.29	77.24	4,920	35.55	78.92	1,010	7.30	79.72	13,839	100	78.11	13,849
1939-40	3,441	61.88	78.23	734	13.20	76.84	1,386	24.92	78.72	-	-	-	5,561	100	78.17	11,392
1940-41 ¹⁾	881	80.46	77.78	214	19.54	78.52	-	-	-	-	-	-	1,095	100	77.92	4,936
1943-44	311	100.00	77.93	-	-	-	-	-	-	-	-	-	311	100	77.93	311
1944-45	914	100.00	77.91	-	-	-	-	-	-	-	-	-	914	100	77.91	914
1945-46	599	17.04	78.29	2,917	82.96	78.24	-	-	-	-	-	-	3,516	100	78.25	3,526
1946-47	1,858	20.96	78.63	2,968	33.48	78.41	3,345	37.74	78.13	693	7.82	77.60	8,864	100	78.29	8,865
1947-48	1,536	22.44	76.65	1,888	27.58	78.61	1,785	26.08	79.54	1,636	23.90	78.64	6,845	100	78.42	6,862
1948-49	1,963	27.43	78.66	2,825	39.48	79.45	1,325	18.51	79.06	1,016	14.20	79.12 ²⁾	7,156	100	79.12	7,399
1933/34-1948/49	29,526	23.39	78.60	52,447	41.54	78.05	39,706	31.45	78.96	4,546	3.60	78.91 ³⁾	126,252	100	78.50	136,330
Fin-whales.																
1933/34-1936/37	12,740	33.22	67.96	20,401	51.60	67.57	6,378	16.13	68.79	18	0.05	69.55	39,537	100	67.89	39,615
1937-38	11,505	43.56	67.63	8,297	31.41	67.89	6,610	25.03	68.21	-	-	-	26,412	100	67.86	26,457
1938-39	6,257	32.13	67.40	5,711	29.32	66.46	5,547	28.48	67.46	1,962	10.07	68.11	19,477	100	67.21	19,477
1939-40	7,840	73.74	67.39	2,218	20.86	66.88	574	5.40	67.49	-	-	-	10,632	100	67.29	17,757
1940-41 ¹⁾	831	94.43	66.19	49	5.57	67.41	-	-	-	-	-	-	880	100	66.26	7,084
1943-44	529	100.00	66.29	-	-	-	-	-	-	-	-	-	529	100	66.29	526
1944-45	679	100.00	67.33	-	-	-	-	-	-	-	-	-	679	100	67.33	679
1945-46	4,901	63.64	67.68	2,800	36.36	67.12	-	-	-	-	-	-	7,701	100	67.48	7,729
1946-47	4,657	36.19	66.69	4,382	34.05	68.51	3,353	26.05	67.24	478	3.71	65.91	12,870	100	67.43	12,877
1947-48	6,136	32.53	67.87	6,479	34.34	68.04	4,625	24.52	67.93	1,624	8.61	67.86	18,864	100	67.94	18,999
1948-49	4,486	27.42	67.42	6,257	38.24	68.56	3,059	18.69	67.40	2,548	15.57	68.15 ⁴⁾	16,363	100	67.96	17,202
1933/34-1948/49	60,561	39.34	67.55	56,594	36.76	67.69	30,146	19.58	67.96	6,630	4.31	67.91 ⁵⁾	153,944	100	67.69	168,402
Humpbacks.																
1933/34-1936/37	700	6.81	40.91	5,293	51.51	40.83	4,278	41.64	40.84	4	0.04	43.00	10,275	100	40.84	10,291
1937-38	335	16.50	40.96	829	40.84	41.01	866	42.66	41.17	-	-	-	2,030	100	41.07	2,039
1938-39	-	-	-	-	-	-	859	97.28	39.63	24	2.72	39.79	883	100	39.64	883
1940-41 ¹⁾	231	82.80	42.60	48	17.20	41.17	-	-	-	-	-	-	279	100	42.35	2,675
1941-45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946-47	1	100.00	48.00	-	-	-	-	-	-	-	-	-	1	100	48.00	1
1947-48	1	50.00	47.00	-	-	-	1	50.00	45.00	-	-	-	2	100	46.00	2
1948-49	4	30.77	42.25	9	69.23	41.67	-	-	-	-	-	-	13	100	41.85	13
1933/34-1948/49	1,272	9.43	41.24	6,179	45.83	40.87	6,004	44.53	40.72	28	0.21	40.21	13,483	100	40.83 ⁶⁾	15,906

¹⁾ Summary for 3 expeditions. ²⁾ 27 blue-whales caught in area I (0.38 per cent of the blue-whales caught in all areas and with average size 81.41 Engl. feet) are included. ³⁾ 27 blue-whales caught in area I in 1948-49 (0.02 per cent) are included. ⁴⁾ 13 fin-whales caught in area I (0.08 per cent and average size 70.38 Engl. feet) are included. ⁵⁾ 13 fin-whales caught in area I in 1948-49 (0.01 per cent) are included. ⁶⁾ 2 whales caught in the season 1939-40 are included.

Table m.—Number of whales killed during the seasons 1933/34—1948/49.

— 1 —

Areas	Blue-whales		Fin-whales		Humpbacks		Sperm-whales		Total	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
I	27	0.02	13	0.01	—	—	34	0.24	74	0.02
II	29,526	23.39	60,561	39.34	1,272	9.43	2,392	16.62	93,751	30.43
III	52,447	41.54	56,594	36.76	6,179	45.83	6,521	45.31	121,741	39.52
IV	39,706	31.45	30,146	19.58	6,004	44.53	4,590	31.89	80,446	26.11
V	4,546	3.60	6,630	4.31	28	0.21	855	5.94	12,059	3.92
Total	126,252	100.00	153,944	100.00	13,483	100.00	14,392	100.00	308,071	100.00

— 2 —

Species of whales	Area I		Area II		Area III		Area IV		Area V		Total	
	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent
Blue ...	27	36.49	29,526	31.49	52,447	43.08	39,706	49.36	4,546	37.70	126,252	40.98
Fin	13	17.57	60,561	64.60	56,594	46.49	30,146	37.47	6,630	54.98	153,944	49.97
Humpb.	—	—	1,272	1.36	6,179	5.07	6,004	7.46	28	0.23	13,483	4.38
Sperm .	34	45.94	2,392	2.55	6,521	5.36	4,590	5.71	855	7.09	14,392	4.67
Total ..	74	100.00	93,751	100.00	121,741	100.00	80,446	100.00	12,059	100.00	308,071	100.00

the season 1948–49. The corresponding figures for 1947–48 reached the Committee too late to be included in Volume XXII of Int. Whaling Statistics. They have, however in the present publication been included in the tables *g* and *h*.

The tables *i* and *j*, on pages 16 and 17, record the average size of whales killed from 1937–38. The particulars from “Slava”s expedition are not yet available for 1948–49, but the figures for 1947–48 have been revised and now include all pelagic whaling during that season.

According to table *i* the average size of blue-whales killed has increased from 78.42 feet in 1947–48 to 79.12 feet in 1948–49. The average size of fin-whales was 67.96 feet in 1948–49 as compared to 67.94 feet during the previous season. Only 13 humpbacks were killed.

Since the season 1937–38 the minimum lengths, settled by international agreements, have been decided upon as follows:

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

During each season a certain number of animals below these lengths is killed. As a variation in the number of these undersized whales killed will influence

the average size of all animals killed, all blue-whales below 70 feet, all fin-whales below 55 feet and all humpbacks below 35 feet have been omitted from the calculations of the average lengths in table *j*.

One must here observe the increasing tendency of the average size. The average size both of the blue-whales and the fin-whales killed during the last seasons has been higher than in the pre-war seasons.

This tendency is expressed in a different way in the particulars recorded for mature and immature animals, in table *k*, on page 18. Regarded as immature animals are:

Blue-whales: Female	.....	76	feet	and	less
Male	.....	73	"	"	"
Fin-whales: Female	.....	64	"	"	"
Male	.....	62	"	"	"
Humpbacks: Female	.....	40	"	"	"
Male	.....	39	"	"	"

On the basis of these maturity limits, the figures calculated show that 23 % of all blue-whales killed in 1948—49 was immature, i.e. a decrease in immature blue-whales of 5.62 % as compared to 1947—48. On the whole, during the 4 post-war seasons the percentage of immature animals killed has been lower than during the last pre-war seasons. This is also the case in respect to the fin-whale. This is probably due to the interval in the whaling activities during the war. In other words, the whales killed during the post-war seasons are of the stock preserved during the war years. The future will show how long these age-groups will be able to influence the whaling results.

Tables *l* and *m*, on pages 19 and 20, give the catch in the various areas from the season 1933—34. These areas are distinguished as follows:

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

As previously mentioned pelagic whaling is forbidden between 70° west and 160° west, which limits the pelagic operations in area I to 60° west—70° west and 160° west—170° west only. During the season 1948—49 27 blue-whales and 13 fin-whales were killed in area I. Beyond this no whaling was carried on in this area during the period covered by the tables. For space-saving reasons area I has not been included in table *l*.

The data concerning 1947—48 in table *l*, in this publication include the particulars relating to "Slava", whereas these are lacking in the 1948—49-figures. In

Table n.—Antarctic, pelagic whaling results for the various countries 1935/36—1948/49.

Seasons	All countries			Norway			British Commonwealth			Of which						Japan		
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	United Kingdom			Union of South Africa			Number of whales killed	Oil production	Catchers employed
										Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed			
1935-36.....	29,206	2,293,153	165	14,421	1,116,033	82	11,697	927,174	63	10,099	801,368	53	1,598	125,806	10	639	44,145	5
1936-37.....	32,821	2,576,479	184 ²⁾	15,039 ³⁾	1,158,665	82	11,617	943,570	65	10,546	861,193	58	1,071	82,377	7	1,959	156,587	13
1937-38.....	44,152	3,250,064	244 ²⁾	14,960 ³⁾	1,157,993	83	15,286	1,114,865	80	12,461	921,192	64	2,825	193,673	16	5,582	388,683	30
1938-39.....	36,681	2,709,281	270 ²⁾	11,521 ³⁾	842,712	90	10,541	847,127	74	9,371	746,182	65	1,170	100,945	9	7,540	483,476	49
1939-40.....	31,709	2,479,471	228	11,040	909,790	79	11,279	856,819	81	9,389	737,909	65	1,890	118,910	16	6,990	538,862	51
1940-41.....	15,495	1,055,510	88	2,387	203,317	21	3,116	229,780	16	3,116	229,780	16	-	-	-	9,992	622,413	51
1941-42-43.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1943-44.....	837	82,000	8	837	82,000	8	-	-	-	-	-	-	-	-	-	-	-	-
1944-45.....	1,595	148,000	8	1,595	148,000	8	-	-	-	-	-	-	-	-	-	-	-	-
1945-46.....	11,474	739,775	77	6,765	501,528	44	4,709	238,247	33	4,709	238,247	33	-	-	-	-	-	-
1946-47.....	23,043	1,794,424	129	11,766	937,318	57	8,946	671,501	44	6,380	466,622	32	2,566	204,879	12	1,175	73,295	12
1947-48.....	28,369	1,940,653	162	14,678	995,115	85	10,249	697,096	49	7,291	516,040	35	2,958	181,056	14	1,324	104,912	12
1948-49.....	28,321	2,034,455	191	15,209	1,050,120	101	9,169	694,802	54	6,561	534,074	40	2,608	160,728	14	1,643	119,361	14

Seasons	Germany			Panama			United States of America			Netherlands			U.S.S.R.			Denmark			
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	
1935-36.....	-	Barrels	-	2,449	205,801	15	-	Barrels	-	-	Barrels	-	Barrels	-	-	-	Barrels	-	
1936-37.....	920	61,992	6	2,389	181,495	13	-	-	-	-	-	-	-	-	-	-	897	74,170	5
1937-38.....	5,237	356,858	33	1,527	117,650	10	1,560	114,015	8	-	-	-	-	-	-	-	-	-	
1938-39.....	5,066	374,149	41	907	68,853	8	1,106	92,964	8	-	-	-	-	-	-	-	-	-	
1939-40.....	-	-	-	1,421	113,000	8	979	61,000	9	-	-	-	-	-	-	-	-	-	
1940-41.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1941-42-43.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1943-44.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1944-45.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1945-46.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1946-47.....	-	-	-	-	-	-	-	-	-	770	77,310	8	386	35,000	8	-	-	-	
1947-48.....	-	-	-	-	-	-	-	-	-	1,294	85,130	8	824	58,400	8	-	-	-	
1948-49.....	-	-	-	-	-	-	-	-	-	1,366	109,849	10	934	60,323	12	-	-	-	

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

Table o.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
								Barrels.				
1919-20	987	1,673	79	71	8	1) ¹⁾ 14	2,832	147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) ¹⁾ 13	3,682	177,137	5	—	21	175
1921-22	2,570	710	9	103	3	—	3,395	249,042	5	—	20	170
1922-23	3,569	1,445	320	10	19	—	5,363	347,553	5	1	23	233
1923-24	1,927	1,378	130	191	49	—	3,675	247,463	6	—	23	160
1924-25	3,512	2,019	262	1	24	—	5,818	406,176	5	1	24	242
1925-26	1,855	5,709	236	13	12	—	7,825	404,457	5	1	23	340
1926-27	3,689	1,144	—	365	17	—	5,215	417,292	5	1	23	227
1927-28	2,125	1,357	—	95	60	—	3,637	303,480	5	1	23	158
1928-29	1,560	3,130	15	396	31	—	5,132	348,629	5	1	23	223
1929-30	488	3,396	46	216	39	—	4,185	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) ¹⁾ 1	2,736	187,938	5	—	27	101
1931-32	438	1,735	6	16	10	—	2,205	122,205	2	—	12	184
1932-33	267	727	—	2	—	—	996	54,583	1	—	6	166
1933-34	536	1,728	92	—	7	—	2,363	132,187	2	—	11	215
1934-35	556	836	37	125	21	—	1,575	108,141	2	—	10	158
1935-36	1,221	520	41	—	3	—	1,785	143,185	2	—	10	179
1936-37	121	1,079	17	471	70	—	1,758	81,629	2	—	12	147
1937-38	97	1,552	40	155	43	—	1,887	90,266	2	—	12	157
1938-39	232	1,307	—	19	117	—	1,675	111,490	2	—	11	152
1939-40	88	937	—	80	85	1) ¹⁾ 1	1,191	64,782	2	—	12	99
1940-41	7	747	—	88	26	—	868	44,498	1	—	5	174
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	28	632	4	197	101	—	962	50,001	1	—	7	137
1944-45	128	987	60	76	45	—	1,296	75,540	1	—	7	185
1945-46	80	1,456	238	82	57	—	1,913	78,877	3	—	16	120
1946-47	327	1,670	28	391	133	1) ¹⁾ 1	2,550	145,318	3	—	18	142
1947-48	46	2,142	24	609	128	—	2,949	163,398	3	—	21	140
1948-49	226	1,922	18	562	213	—	2,941	172,139	3	—	21	140

1) Right-whale.

1948-49 the largest number of blue-whales was killed in Area III, viz. 2,825 animals or 39.48 %. In Area II the corresponding figures were 1,963 whales or 27.43 %. In Areas IV and V respectively 1,325 and 1,016 blue-whales were killed.—The largest fin-whale catch in 1948-49 took place in Area III, viz. 6,257 animals or 38.24 % of all fin-whales killed. In Area II 4,486 fin-whales were killed, or 27.42 %.

Table *m* gives a summary of the whaling results in the various areas for the period 1933/34—1948/49. As it will appear from this table, the largest blue-whale catch has taken place in Area III, whereas the largest fin-whale catch has taken place in area II.

Table *n*, on page 22, gives a survey of the pelagic whaling results of the various countries 1935/36—1948/49. As will be seen from this table, Norway and the British Commonwealth are predominating in respect to the number of whales killed and oil production as well as to the catchers employed.

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

Species of whales and seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1939-40.....	8	124	318	341	218	172	10	1,191	1,191	
	1940-41.....	—	—	—	—	—	—	—	—	868	
	1941-42.....	5	87	185	237	118	179	61	872	1,425	
	1942-43.....	—	91	238	292	107	162	92	998	998	
	1943-44.....	—	25	171	211	177	110	121	7	822	962
	1944-45.....	—	91	436	332	150	156	126	5	1,296	1,296
	1945-46.....	46	360	455	349	296	315	92	—	1,913	1,913
	1946-47.....	136	468	458	580	410	456	42	—	2,550	2,550
	1947-48.....	272	440	662	657	433	378	107	—	2,949	2,949
1948-49.....	204	359	532	668	638	436	104	—	2,941	2,941	
<i>Blue-whales.</i>	1939-40.....	1	33	9	28	15	2	—	88	88	
	1940-41.....	—	—	—	—	—	—	—	—	7	
	1941-42.....	—	1	9	11	2	3	—	26	59	
	1942-43.....	—	29	75	17	2	1	1	125	125	
	1943-44.....	—	2	9	10	—	1	2	—	24	28
	1944-45.....	—	31	12	9	14	26	36	—	128	128
	1945-46.....	7	50	11	1	5	5	1	—	80	80
	1946-47.....	12	90	142	51	26	6	—	—	327	327
	1947-48.....	1	2	3	18	3	18	1	—	46	46
1948-49.....	40	100	52	16	16	2	—	—	226	226	
<i>Fin-whales.</i>	1939-40.....	7	87	296	299	154	86	10	939	939	
	1940-41.....	—	—	—	—	—	—	—	—	747	
	1941-42.....	5	83	164	208	92	123	42	717	1,189	
	1942-43.....	—	62	163	275	94	141	32	9	776	776
	1943-44.....	—	23	146	176	49	45	101	3	543	632
	1944-45.....	—	60	420	305	91	81	30	—	987	987
	1945-46.....	37	274	274	308	278	232	53	—	1,456	1,456
	1946-47.....	122	368	298	505	189	168	20	—	1,670	1,670
	1947-48.....	265	433	631	550	112	112	39	—	2,142	2,142
1948-49.....	151	244	468	616	23	197	23	—	1,922	1,922	
<i>Hump-backs.</i>	1941-42.....	—	—	11	1	—	—	—	12	16	
	1942-43.....	—	—	—	—	—	—	—	—	—	
	1943-44.....	—	—	—	4	—	—	—	4	4	
	1944-45.....	—	—	—	6	3	6	45	—	60	60
	1945-46.....	—	29	168	33	1	6	1	—	238	238
	1946-47.....	1	5	10	9	3	—	—	—	28	28
	1947-48.....	—	1	12	8	2	1	—	—	24	24
1948-49.....	1	6	4	5	1	1	—	—	18	18	
<i>Sei-whales.</i>	1939-40.....	—	—	—	10	20	50	—	80	80	
	1940-41.....	—	—	—	—	—	—	—	—	88	
	1941-42.....	—	—	—	4	16	23	3	—	46	52
	1942-43.....	—	—	—	—	4	4	58	7	73	73
	1943-44.....	—	—	—	9	109	43	1	—	162	197
	1944-45.....	—	—	—	—	28	31	15	2	76	76
	1945-46.....	—	—	—	1	4	57	20	—	82	82
	1946-47.....	—	—	1) 1	12	186	193	—	—	392	392
1947-48.....	—	—	—	57	302	188	62	—	609	609	
1948-49.....	—	—	—	18	310	174	60	—	562	562	
<i>Sperm-whales.</i>	1939-40.....	—	4	13	4	29	34	—	84	84	
	1940-41.....	—	—	—	—	—	—	—	—	26	
	1941-42.....	—	3	1	13	8	30	16	—	71	109
	1942-43.....	—	—	—	—	7	16	1	—	24	24
	1943-44.....	—	—	16	12	19	21	17	4	89	101
	1944-45.....	—	—	4	12	14	12	—	3	45	45
	1945-46.....	2	7	2	6	8	15	17	—	57	57
	1946-47.....	1	5	7	3	6	89	22	—	133	133
1947-48.....	6	4	16	24	14	59	5	—	128	128	
1948-49.....	12	9	8	13	88	62	21	—	213	213	

1) Right-whale.

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

Species of whales and seasons.		Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.
<i>Total animals</i>	1939-40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1940-41	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<i>Blue-whales</i>	1939-40	12.5	26.6	2.8	8.2	6.9	1.2	—	—	7.4	7.4
	1940-41	—	—	—	—	—	—	—	—	—	0.8
	1941-42	—	1.1	4.3	4.6	1.7	1.7	—	—	2.9	4.1
	1942-43	—	31.9	31.5	5.8	1.9	0.6	1.1	—	12.5	12.5
	1943-44	—	8.0	5.3	4.7	—	0.9	1.7	—	2.9	2.9
	1944-45	—	34.1	2.8	2.7	9.3	16.7	28.6	—	9.9	9.9
	1945-46	15.2	13.9	2.4	0.3	1.7	1.6	1.1	—	4.2	4.2
	1946-47	8.8	19.2	31.0	8.8	6.3	1.3	—	—	12.8	12.8
	1947-48	0.4	0.5	0.5	2.7	0.7	4.8	0.9	—	1.6	1.6
1948-49	19.6	27.8	9.8	2.4	2.5	0.5	—	—	7.7	7.7	
<i>Fin-whales</i>	1939-40	87.5	70.2	93.1	87.7	70.6	50.0	100.0	—	78.8	78.8
	1940-41	—	—	—	—	—	—	—	—	—	86.1
	1941-42	100.0	95.4	89.1	87.8	78.0	68.7	68.9	—	82.3	83.4
	1942-43	—	68.1	68.5	94.2	87.9	87.0	34.8	56.3	77.8	77.8
	1943-44	—	92.0	85.4	83.4	27.7	40.9	83.5	42.9	66.1	65.7
	1944-45	—	65.9	96.3	91.9	60.7	51.9	23.8	—	76.2	76.2
	1945-46	80.4	76.1	60.2	88.2	93.9	73.6	57.6	—	76.1	76.1
	1946-47	89.7	78.6	65.1	87.1	46.1	36.9	47.6	—	65.5	65.5
	1947-48	97.4	98.4	95.3	83.7	25.9	29.6	36.5	—	72.6	72.6
1948-49	74.0	68.0	88.0	92.2	34.9	45.2	22.1	—	65.4	65.4	
<i>Hump-backs</i>	1941-42	—	—	6.0	0.4	—	—	—	—	1.4	1.1
	1942-43	—	—	—	—	—	—	—	—	—	—
	1943-44	—	—	—	1.9	—	—	—	—	0.5	0.4
	1944-45	—	—	—	1.8	2.0	3.8	35.7	—	4.6	4.6
	1945-46	—	8.1	36.9	9.5	0.3	1.9	1.1	—	12.4	12.4
	1946-47	0.8	1.1	2.2	1.5	0.7	—	—	—	1.1	1.1
	1947-48	—	0.2	1.8	1.2	0.5	0.3	—	—	0.8	0.8
1948-49	0.5	1.7	0.7	0.7	0.2	0.2	—	—	0.6	0.6	
<i>Sei-whales</i>	1939-40	—	—	—	2.9	9.2	29.0	—	—	6.7	6.7
	1940-41	—	—	—	—	—	—	—	—	—	10.1
	1941-42	—	—	—	1.7	13.5	12.8	4.9	—	5.3	3.7
	1942-43	—	—	—	—	3.7	2.5	63.0	43.7	7.3	7.3
	1943-44	—	—	—	4.3	61.6	39.1	0.8	—	19.7	20.5
	1944-45	—	—	—	—	18.7	19.8	11.9	40.0	5.8	5.8
	1945-46	—	—	—	0.3	1.4	18.1	21.7	—	4.3	4.3
	1946-47	—	—	0.2	2.1	45.4	42.3	—	—	15.4	15.4
	1947-48	—	—	—	8.7	69.7	49.7	57.9	—	20.7	20.7
1948-49	—	—	—	2.7	48.6	39.9	57.7	—	19.1	19.1	
<i>Sperm-whales</i>	1939-40	—	3.2	4.1	1.2	13.3	19.8	—	—	7.1	7.1
	1940-41	—	—	—	—	—	—	—	—	—	3.0
	1941-42	—	3.5	0.6	5.5	6.8	16.8	26.2	—	8.1	7.7
	1942-43	—	—	—	—	6.5	9.9	1.1	—	2.4	2.4
	1943-44	—	—	9.3	5.7	10.7	19.1	14.0	57.1	10.8	10.5
	1944-45	—	—	0.9	3.6	9.3	7.8	—	60.0	3.5	3.5
	1945-46	4.4	1.9	0.5	1.7	2.7	4.8	18.5	—	3.0	3.0
	1946-47	0.7	1.1	1.5	0.5	1.5	19.5	52.4	—	5.2	5.2
	1947-48	2.2	0.9	2.4	3.7	3.2	15.6	4.7	—	4.3	4.3
1948-49	5.9	2.5	1.5	2.0	13.8	14.2	20.2	—	7.2	7.2	

Table r.—South Georgia. Catch of immature and mature whales 1938/39—1948/49.

	1938—39.		1939—40.		1940—41.	1941—42.		1942—43.		1943—44.		1944—45.		1945—46.		1946—47.		1947—48.		1948—49.	
	Number of whales.	Per cent.	Number of whales.	Per cent.		Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
Blue-whales.																					
Immature males	44	44.90	37	84.09	—	9	81.82	37	64.91	10	90.91	39	73.58	28	77.78	66	45.2	6	42.86	49	50.52
females	65	48.51	35	79.55	—	13	86.67	53	77.94	8	61.54	54	72.00	30	68.18	53	29.3	13	40.62	51	39.53
animals	109	46.98	72	81.82	—	22	84.62	90	72.00	18	75.00	93	72.66	58	72.50	119	36.4	19	41.30	100	44.25
Mature males	54	55.10	7	15.91	—	2	18.18	20	35.09	1	9.09	14	26.42	8	22.22	80	54.8	8	57.14	48	49.48
females	69	51.49	9	20.45	—	2	13.33	15	22.06	5	38.46	21	28.00	14	31.82	128	70.7	19	59.38	78	60.47
animals	123	53.02	16	18.18	—	4	15.38	35	28.00	6	25.00	35	27.34	22	27.50	208	63.6	27	58.70	126	55.75
Fin-whales.																					
Immature males	188	30.72	226	46.22	—	125	34.53	121	28.54	87	30.10	133	27.71	167	20.59	139	19.9	300	27.30	314	31.40
females	231	33.24	256	57.14	—	146	41.13	135	38.35	91	35.83	180	35.50	152	23.57	140	14.4	335	32.12	277	30.04
animals	419	32.06	482	51.44	—	271	37.80	256	32.99	178	32.78	313	31.71	319	21.91	279	16.7	635	29.65	591	30.75
Mature males	424	69.28	263	53.78	—	237	65.47	303	71.46	202	69.90	347	72.29	644	79.41	559	80.1	799	72.70	686	68.60
females	464	66.76	192	42.86	—	209	58.87	217	61.65	163	64.17	327	64.50	493	76.43	832	85.6	708	67.88	645	69.96
animals	888	67.94	455	48.56	—	446	62.20	520	67.01	365	67.22	674	68.29	1,137	78.09	1,391	83.3	1,507	70.35	1,331	69.25

South Georgia.

The whaling results of the shore stations operating off South Georgia are recorded in table *o*, on page 23.

In 1948-49 as in 1947-48 3 shore stations with a total of 21 catchers carried on whaling off South Georgia. The catch amounted to 2,941 whales yielding an oil production of 162,964 barrels of whale-oil and 9,175 barrels of sperm-oil. The average number of whales killed per catcher amounted to 140 animals also during the last season.

Tables *p* and *q*, on pages 24 and 25, give the catch off South Georgia by months in absolute and percentage figures from and including 1939-40, and table *r*, on page 26, shows the proportion between mature and immature whales.

The total whaling results in the Antarctic in the seasons 1935-36 up to and including 1948-49 are in table *s* on pages 28 and 29 distributed in respect to the various participating countries. It appears from this table that Norway's part of the total oil production in 1948-49 amounted to 50.2 per cent and that of the British Commonwealth to 34.3 per cent.

Table *t* below records the average output of oil per blue-whale unit for pelagic operations and for the shore stations at South Georgia.

For the pelagic expeditions the average production per blue-whale unit amounted to 115.6 barrels in 1948-49 against 111.2 barrels in 1947-48. For South Georgia the average production per blue-whale unit was also in 1948-49 very high.

Table *u*, on page 30, is recording the average *weekly* production per blue-whale unit for the pelagic expeditions during the seasons 1947-48 and 1948-49.

This table shows the increasing average output per blue-whale unit as the

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

Years.	South Georgia.	Pelagic whaling.	Years.	South Georgia.	Pelagic whaling.
	Barrels ²⁾	Barrels ²⁾		Barrels	Barrels
1924-25.	87.5	85.0	1937-38.	95.7	111.1
1925-26.	84.0	84.8	1938-39.	117.6	107.1
1926-27.	96.4	91.1	1939-40.	106.1	117.2
1927-28.	106.4	92.8	1940-41.	109.1	105.8
1928-29.	108.2	98.3	1941-42.	110.1	—
1929-30.	110.7	109.6	1942-43.	95.2	—
1930-31.	100.1	105.6	1943-44.	120.2	142.9
1931-32.	92.9	102.6	1944-45.	111.5	118.0
1932-33.	86.5	114.6	1945-46.	83.1	98.6
1933-34.	91.8	111.9	1946-47.	112.5	113.1
1934-35.	105.1	102.2	1947-48.	128.3	111.2
1935-36.	95.5	101.6	1948-49.	126.5	115.6
1936-37.	104.5	111.7			

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

Table s.—Antarctic whaling results for the various countries 1935/36—1948/49. Absolute and percentage figures.

Years.	All countries.		Norway.		British Commonwealth.		Of which				Japan.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	United Kingdom.		Union of South Africa.		Number of whales.	Oil production.
							Number of whales.	Oil production.	Number of whales.	Oil production.		
		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾
<i>Absolute figures</i>												
1935-36	30,991	2,436,338	14,421	1,116,033	12,538	995,167	10,940	869,361	1,598	125,806	639	44,145
1936-37	34,579	2,658,108 ²⁾	15,039 ³⁾	1,158,665	12,361	977,822	11,290	895,445	1,071	82,377	1,959	156,587
1937-38	46,039	3,340,330 ²⁾	14,960 ³⁾	1,157,993	16,111	1,153,365	13,286	959,692	2,825	193,673	5,582	388,683
1938-39	38,356	2,820,771 ²⁾	11,521 ³⁾	842,712	11,192	891,791	10,022	790,846	1,170	100,945	7,540	483,476
1939-40	32,900	2,544,253	11,040	909,790	11,765	882,169	9,875	763,259	1,890	118,910	6,990	538,862
1940-41	16,363	1,100,008	2,387	203,317	3,116	229,780	3,116	229,780	—	—	9,992	622,413
1941-42	1,425	77,819	—	—	359	17,012	359	17,012	—	—	—	—
1942-43	998	50,960	—	—	—	—	—	—	—	—	—	—
1943-44	1,799	132,001	837	82,000	—	—	—	—	—	—	—	—
1944-45	2,891	223,540	1,595	148,000	—	—	—	—	—	—	—	—
1945-46	13,387	818,652	7,246	520,873	5,059	252,751	5,059	252,751	—	—	—	—
1946-47	25,593	1,939,742	12,533	980,838	9,872	725,469	7,306	520,590	2,566	204,879	1,175	73,295
1947-48	31,318	2,104,051	15,656	1,050,831	11,406	759,813	8,448	578,757	2,958	181,056	1,324	104,912
1948-49	31,262	2,206,594	16,196	1,108,027	10,204	756,516	7,596	595,788	2,608	160,728	1,643	119,361
<i>Percentage figures</i>	%	%	%	%	%	%	%	%	%	%	%	%
1935-36	100.0	100.0	46.5	45.8	40.4	40.9	35.3	35.7	5.1	5.2	2.0	1.8
1936-37	100.0	100.0	43.5	43.6	35.7	36.8	32.6	33.7	3.1	3.1	5.7	5.9
1937-38	100.0	100.0	32.5	34.7	35.0	34.5	28.9	28.7	6.1	5.8	12.1	11.6
1938-39	100.0	100.0	30.0	29.9	29.2	31.6	26.1	28.0	3.1	3.6	19.6	17.1
1939-40	100.0	100.0	33.6	35.8	35.8	34.7	30.0	30.0	5.8	4.7	21.2	21.2
1940-41	100.0	100.0	14.6	18.5	19.0	20.9	19.0	20.9	—	—	61.1	56.6
1941-42	100.0	100.0	—	—	25.2	21.9	25.2	21.9	—	—	—	—
1942-43	100.0	100.0	—	—	—	—	—	—	—	—	—	—
1943-44	100.0	100.0	46.5	62.1	—	—	—	—	—	—	—	—
1944-45	100.0	100.0	55.2	66.2	—	—	—	—	—	—	—	—
1945-46	100.0	100.0	54.1	63.6	37.8	30.9	37.8	30.9	—	—	—	—
1946-47	100.0	100.0	49.0	50.5	38.6	37.4	28.5	26.8	10.1	10.6	4.6	3.8
1947-48	100.0	100.0	50.0	49.9	36.4	36.1	27.0	27.5	9.4	8.6	4.2	5.0
1948-49	100.0	100.0	51.8	50.2	32.6	34.3	24.3	27.0	8.3	7.3	5.3	5.4

Years.	Argentina.		Germany.		Panama.		United States of America.		Netherlands.		U.S.S.R.		Denmark.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.
<i>Absolute figures.</i>		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾		Barrels. ¹⁾
1935-36..	944	75,192	-	-	2,449	205,801	-	-	-	-	-	-	-	-
1936-37..	1,014	47,377	920	61,992	2,389	181,495	-	-	-	-	-	-	897	74,170
1937-38..	1,062	51,766	5,237	356,858	1,527	117,650	1,560	114,015	-	-	-	-	-	-
1938-39..	1,024	66,826	5,066	374,149	907	68,853	1,106	92,964	-	-	-	-	-	-
1939-40..	705	39,432	-	-	1,421	113,000	979	61,000	-	-	-	-	-	-
1940-41..	868	44,498	-	-	-	-	-	-	-	-	-	-	-	-
1941-42..	1,066	60,807	-	-	-	-	-	-	-	-	-	-	-	-
1942-43..	998	50,960	-	-	-	-	-	-	-	-	-	-	-	-
1943-44..	962	50,001	-	-	-	-	-	-	-	-	-	-	-	-
1944-45..	1,296	75,540	-	-	-	-	-	-	-	-	-	-	-	-
1945-46..	1,082	45,028	-	-	-	-	-	-	-	-	-	-	-	-
1946-47..	857	47,830	-	-	-	-	-	-	770	77,310	386	35,000	-	-
1947-48..	814	44,965	-	-	-	-	-	-	1,294	85,130	824	58,400	-	-
1948-49..	919	52,518	-	-	-	-	-	-	1,366	109,849	934	60,323	-	-
<i>Percentage figures.</i>	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1935-36..	3.2	3.1	-	-	7.9	8.4	-	-	-	-	-	-	-	-
1936-37..	2.9	1.8	2.7	2.3	6.9	6.8	-	-	-	-	-	-	2.6	2.8
1937-38..	2.3	1.6	11.4	10.7	3.3	3.5	3.4	3.4	-	-	-	-	-	-
1938-39..	2.7	2.4	13.2	13.3	2.4	2.4	2.9	3.3	-	-	-	-	-	-
1939-40..	2.1	1.5	-	-	4.3	4.4	3.0	2.4	-	-	-	-	-	-
1940-41..	5.3	4.0	-	-	-	-	-	-	-	-	-	-	-	-
1941-42..	74.8	78.1	-	-	-	-	-	-	-	-	-	-	-	-
1942-43..	100.0	100.0	-	-	-	-	-	-	-	-	-	-	-	-
1943-44..	53.5	37.9	-	-	-	-	-	-	-	-	-	-	-	-
1944-45..	44.8	33.8	-	-	-	-	-	-	-	-	-	-	-	-
1945-46..	8.1	5.5	-	-	-	-	-	-	-	-	-	-	-	-
1946-47..	3.3	2.5	-	-	-	-	-	-	3.0	4.0	1.5	1.8	-	-
1947-48..	2.6	2.1	-	-	-	-	-	-	4.2	4.1	2.6	2.8	-	-
1948-49..	2.9	2.4	-	-	-	-	-	-	4.4	5.0	3.0	2.7	-	-

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

**Table u.—Average weekly production of whale-oil per blue-whale unit
in the pelagic whaling 1947—48 and 1948—49.**

Season 1947—48.				Season 1948—49.			
Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.	Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.
	Barrels.		Barrels.		Barrels.		Barrels.
13/12 1947	69,068	828.3	83.4	18/12 1948	62,315	734.0	84.9
20/12 "	88,244	950.5	92.8	25/12 "	103,276	1,083.0	95.4
27/12 "	86,651	943.0	91.9	1/1 1949	103,514	1,041.5	99.4
3/1 1948	82,776	863.0	95.9	8/1 "	130,142	1,349.5	96.4
10/1 "	99,296	1,078.0	92.1	15/1 "	138,051	1,339.5	103.1
17/1 "	132,137	1,319.0	109.2	22/1 "	118,351	1,098.0	107.8
24/1 "	135,332	1,282.5	105.5	29/1 "	136,169	1,281.5	106.3
31/1 "	118,305	1,075.5	110.0	5/2 "	119,389	984.5	121.3
7/2 "	105,929	956.5	110.7	12/2 "	120,687	1,106.5	109.1
14/2 "	127,295	1,060.5	120.0	19/2 "	149,765	1,142.5	131.1
21/2 "	98,230	791.0	124.2	26/2 "	114,789	951.0	120.7
28/2 "	113,201	956.5	118.3	5/3 "	149,269	1,051.5	142.0
6/3 "	102,600	873.5	117.5	12/3 "	105,098	757.0	138.8
13/3 "	109,956	830.5	132.4	19/3 "	113,866	791.0	144.0
20/3 "	102,902	749.7	137.5	26/3 "	112,885	640.5	176.6
27/3 "	97,708	752.5	129.8				
31/3 "	83,516	489.5	170.6				
Total	1,753,146	15,800.0	111.0	Total	1,777,566	15,351.5	115.8

season proceeds. While the production medio December is about 85 barrels, it is steadily increasing up to about 140 barrels in March.

All reservations must be taken in respect to the figures recorded for the last week of operation during these two seasons. At the close of the season the expeditions are sounding their oil tanks for controlling purposes, and it then usually appears that the production exceeds the previously stated data with some thousand barrels, and this "surplus" is then included in the production report of the last week of operation.

Table *u* excludes the "Slava" expedition, as weekly reports are lacking.

During the season 1948—49 10,166 men were employed in the Antarctic whaling industry. Of these 6,926 were Norwegians, 1,065 Japanese, 824 British, 640 Russians, 283 South-Africans and 428 of other nationalities.

Table No. 1.—Whaling in the Antarctic in the season 1948/49.

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	226	1,922	18	562	213	2,941	Barrel = 1/6 ton. ¹⁾ 172,139	3	—	21
Antarctic, pelagic whaling	7,399	17,202	13	15	3,692	28,321	2,034,455	—	18	191
Total	7,625	19,124	31	577	3,905	31,262	2,206,594	3	18	212

¹⁾ 1 ton = 1,016 kg.

Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1948/49.

Countries. Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Norway:—							Barrel = 1/6 ton. ¹⁾			
South Georgia . . .	70	644	5	204	64	987	57,907	1	—	7
Antarctic, pelagic	3,321	9,712	10	5	2,161	15,209	1,050,120	—	10	101
British Commonwealth:—										
South Georgia . . .	65	741	9	169	51	1,035	61,714	1	—	7
Antarctic, pelagic	2,731	4,976	3	10	1,449	9,169	694,802	—	4	54
Of which: United Kingdom:—										
South Georgia . . .	65	741	9	169	51	1,035	61,714	1	—	7
Antarctic, pel. . .	2,041	3,590	3	10	917	6,561	534,074	—	3	40
Union of S.Africa:—										
Antarctic, pel. . .	690	1,386	—	—	532	2,608	160,728	—	1	14
Japan:—										
Antarctic, pelagic	631	1,012	—	—	—	1,643	119,361	—	2	14
The Netherlands:—										
Antarctic, pelagic	501	783	—	—	82	1,366	109,849	—	1	10
U.S.S.R.:—										
Antarctic, pelagic	215	719	—	—	—	934	60,323	—	1	12
Argentina:—										
South Georgia . . .	91	537	4	189	98	919	52,518	1	—	7
Total	7,625	19,124	31	577	3,905	31,262	2,206,594	3	18	212

¹⁾ 1 ton = 1,016 kg.

Table No. 3.—Average size of whales caught in the Antarctic in the season 1948/49.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
Blue-whales.				
<i>South Georgia</i>	No. 1	74.61	79.47	77.87
Males 97 } Total 226.	" 2	74.85	77.85	76.65
Females 129 }	" 3	73.06	76.79	74.82
Average		73.91	78.09	76.29
<i>Antarctic, pelagic whaling</i>	No. 1	78.76	82.68	80.82
Males 3,755 } Total 7,156	" 2	78.72	81.60	80.22
Females 3,401 }	" 3	78.60	80.86	79.75
	" 4	78.49	81.71	79.74
	" 5	77.68	81.53	79.70
	" 6	77.46	81.90	79.65
	" 7	77.46	81.60	79.48
	" 8	78.09	81.17	79.44
	" 9	77.81	81.08	79.33
	" 10	77.63	80.79	79.28
	" 11	78.26	79.58	78.95
	" 12	77.77	80.28	78.92
	" 13	77.90	80.17	78.92
	" 14	77.13	80.96	78.79
	" 15	77.71	80.24	78.66
	" 16	76.71	79.97	78.33
	" 17	75.45	78.50	76.86
Average		77.57	80.83	79.12
Fin-whales.				
<i>South Georgia</i>	No. 1	64.88	67.42	66.07
Males 1,000 } Total 1,922.	" 2	63.91	67.53	65.73
Females 922 }	" 3	63.40	66.21	64.70
Average		64.10	67.14	65.56
<i>Antarctic, pelagic whaling</i>	No. 1	68.15	70.65	69.38
Males 8,486 } Total 16,363.	" 2	67.17	71.64	69.22
Females 7,877 }	" 3	67.21	70.70	69.04
	" 4	67.42	70.44	68.96
	" 5	66.90	70.41	68.74
	" 6	66.48	70.56	68.59
	" 7	66.88	70.14	68.35
	" 8	66.16	69.63	67.94
	" 9	66.68	69.53	67.91
	" 10	66.43	69.53	67.88
	" 11	65.88	69.70	67.87
	" 12	66.34	69.68	67.85
	" 13	66.03	69.40	67.77
	" 14	65.85	69.37	67.66
	" 15	66.02	68.73	67.35
	" 16	65.62	68.08	66.82
	" 17	64.13	66.30	65.00
Average		66.40	69.65	67.96

Table No 3. (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>Humpbacks.</u>				
<i>South Georgia</i>	No. 1	41.00	43.75	43.20
Males 6 } Total 18.	" 2	37.00	45.50	41.25
Females 12 }	" 3	34.00	40.00	38.00
Average		36.17	42.17	40.17
<i>Antarctic, pelagic whaling</i>	No. 1	—	45.00	45.00
Males 3 } Total 13.	" 2	40.00	44.00	41.00
Females 10 }	" 3	—	40.00	40.00
	" 4	39.00	40.25	40.00
Average		39.67	42.50	41.85
<u>Sei-whales.</u>				
<i>South Georgia</i>	No. 1	48.50	51.12	50.04
Males 203 } Total 562.	" 2	48.10	51.14	50.03
Females 359 }	" 3	47.32	50.66	49.67
Average		48.07	50.97	49.93
<i>Antarctic, pelagic whaling</i>	No. 1	—	53.50	53.50
Males 5 } Total 15.	" 2	50.00	52.50	52.00
Females 10 }	" 3	47.00	51.75	50.80
	" 4	49.00	—	49.00
	" 5	47.00	—	47.00
Average		48.40	52.40	51.07
<u>Sperm-whales.</u>				
<i>South Georgia</i>	No. 1	46.51	—	46.51
Males 213	" 2	45.73	—	45.73
	" 3	45.61	—	45.61
Average		46.01	—	46.01
<i>Antarctic, pelagic whaling</i>	No. 1	52.60	—	52.60
Males 3,679.	" 2	52.36	—	52.36
	" 3	52.03	—	52.03
	" 4	51.78	—	51.78
	" 5	51.48	—	51.48
	" 6	51.12	—	51.12
	" 7	50.94	—	50.94
	" 8	50.84	—	50.84
	" 9	50.34	—	50.34
	" 10	50.22	—	50.22
	" 11	50.21	—	50.21
	" 12	49.95	—	49.95
	" 13	49.80	—	49.80
	" 14	49.77	—	49.77
	" 15	48.17	—	48.17
	" 16	—	—	—
	" 17	—	—	—
Average		51.22	—	51.22

Table No. 4.—Whales caught in the Antarctic in the season 1948/49, by species, sex and size.

Total Antarctic.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
59	1	—	1	85	89	253	342	
60	1	3	4	86	36	231	267	
61	2	1	3	87	37	192	229	
62	4	3	7	88	18	141	159	
63	7	1	8	89	9	75	84	
64	12	7	19	90	7	101	108	
65	25	22	47	91	3	43	46	
66	21	15	36	92	—	39	39	
67	18	16	34	93	—	19	19	
68	16	22	38	94	—	10	10	
69	6	7	13	95	—	9	9	
70	203	129	332	96	—	3	3	
71	154	120	274	97	—	1	1	
72	166	127	293	98	—	—	—	
73	167	104	271	99	—	1	1	
74	169	101	270	100	—	1	1	
75	256	146	402	101	—	1	1	
76	277	119	396	Sum	3,852	3,530	7,382	
77	272	113	385	Average size { Males: 77.47 feet Females: 80.73 " Total animals: 79.03 " Per cent { Males: 52.18 Females: 47.82				
78	371	142	513					
79	292	133	425					
80	366	211	577					
81	284	195	479					
82	281	211	492					
83	166	241	407					
84	116	221	337					

Fin-whales.

46	1	—	1	70	803	906	1,709	
47	—	—	—	71	368	760	1,128	
48	1	—	1	72	233	841	1,074	
49	1	4	5	73	119	765	884	
50	1	2	3	74	57	558	615	
51	3	2	5	75	16	507	523	
52	6	6	12	76	12	361	373	
53	6	7	13	77	7	157	164	
54	7	1	8	78	3	119	122	
55	70	75	145	79	4	37	41	
56	84	80	164	80	1	39	40	
57	125	84	209	81	—	11	11	
58	109	72	181	82	—	3	3	
59	137	96	233	83	—	2	2	
60	256	153	409	84	—	1	1	
61	281	166	447	Sum	9,486	8,799	18,285	
62	364	197	561	Average size { Males: 66.15 feet Females: 69.39 " Total animals: 67.71 " Per cent { Males: 51.88 Females: 48.12				
63	496	258	754					
64	602	269	871					
65	1,008	363	1,371					
66	1,011	365	1,376					
67	1,197	491	1,688					
68	1,184	531	1,715					
69	913	510	1,423					

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	—	1	45	—	2	2
33	—	1	1	46	—	—	—
34	—	—	—	47	—	2	2
35	2	1	3	48	—	2	2
36	—	1	1	51	—	1	1
37	1	1	2	Sum	9	22	31
38	1	1	2	Average size { Males: 37.33 feet Females: 42.32 " Total animals: 40.87 " Per cent { Males: 29.03 Females: 70.97			
39	2	2	4				
40	—	2	2				
41	1	—	1				
42	1	—	1				
43	—	1	1				
44	—	5	5				

Sei-whales.

37	—	1	1	54	2	38	40
40	1	2	3	55	—	22	22
41	1	1	2	56	—	5	5
42	2	2	4	57	—	4	4
43	3	4	7	58	—	—	—
44	5	5	10	59	—	2	2
45	13	5	18	65	—	1	1
46	13	13	26	66	—	1	1
47	37	14	51	Sum	208	369	577
48	42	21	63	Average size { Males: 48.08 feet Females: 51.01 " Total animals: 49.95 " Per cent { Males: 36.05 Females: 63.95			
49	41	38	79				
50	31	38	69				
51	8	48	56				
52	3	41	44				
53	6	63	69				

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
36	1	52	504
39	4	53	507
40	13	54	384
41	23	55	223
42	24	56	122
43	35	57	54
44	67	58	22
45	95	59	4
46	114	60	1
47	151	64	1
48	251	Sum	3,892
49	291	Average size: Males: 50.93 feet.	
50	472		
51	529		

Table No. 4 (continued).

a. South Georgia.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
61	—	1	1	83	—	2	2
65	4	—	4	84	1	4	5
66	1	—	1	85	1	8	9
70	23	18	41	86	1	10	11
71	7	9	16	87	—	5	5
72	12	7	19	88	—	2	2
73	2	7	9	89	—	—	—
74	5	1	6	90	—	1	1
75	8	8	16	Sum	97	129	226
76	7	—	7	Average size { Males: 73.91 feet			
77	5	3	8	{ Females: 78.09 "			
78	8	5	13	{ Total animals: 76.29 "			
79	5	7	12	Per cent { Males: 42.92			
80	3	12	15	{ Females: 57.08			
81	3	11	14				
82	1	8	9				

Fin-whales.

46	1	—	1	72	9	46	55
55	30	23	53	73	4	49	53
56	28	21	49	74	4	47	51
57	22	16	38	75	—	40	40
58	21	12	33	76	—	20	20
59	40	19	59	77	—	8	8
60	55	27	82	78	—	8	8
61	56	38	94	79	—	1	1
62	61	39	100	80	—	1	1
63	70	36	106	84	—	1	1
64	86	46	132	Sum	1,000	922	1,922
65	143	67	210	Average size { Males: 64.10 feet			
66	95	65	160	{ Females: 67.14 "			
67	96	64	160	{ Total animals: 65.56 "			
68	68	52	120	Per cent { Males: 52.03			
69	53	50	103	{ Females: 47.97			
70	45	69	114				
71	13	57	70				

Humpbacks.

30	1	—	1	46	—	—	—
35	2	1	3	47	—	1	1
36	—	1	1	48	—	2	2
37	1	—	1	Sum	6	12	18
38	—	1	1	Average size { Males: 36.17 feet			
39	1	2	3	{ Females: 42.17 "			
40	—	—	—	{ Total animals: 40.17 "			
41	1	—	1	Per cent { Males: 33.33			
42	—	—	—	{ Females: 66.67			
43	—	1	1				
44	—	2	2				
45	—	1	1				

Table No. 4 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
37	—	1	1	55	—	22	22	
40	1	2	3	56	—	3	3	
41	1	1	2	57	—	4	4	
42	2	2	4	58	—	—	—	
43	3	4	7	59	—	2	2	
44	5	5	10	65	—	1	1	
45	13	5	18	66	—	1	1	
46	13	13	26	Sum	203	359	562	
47	35	14	49	Average size { Males: 48.07 feet Females: 50.97 " Total animals: 49.93 " Per cent { Males: 36.12 Females: 63.88				
48	42	21	63					
49	39	38	77					
50	30	37	67					
51	8	44	52					
52	3	40	43					
53	6	61	67					
54	2	38	40					

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
36	1	51	2
39	4	52	2
40	11	53	9
41	14	54	6
42	15	55	3
43	15	56	2
44	25	57	1
45	20	58	—
46	21	64	1
47	16	Sum	213
48	13	Average size:	
49	17	Males: 46.01 feet.	
50	15		

Table No. 4 (continued).

b. Antarctic, pelagic whaling.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
59	1	-	1	85	88	245	333
60	1	3	4	86	35	221	256
61	2	-	2	87	37	187	224
62	4	3	7	88	18	139	157
63	7	1	8	89	9	75	84
64	12	7	19	90	7	100	107
65	21	22	43	91	3	43	46
66	20	15	35	92	-	39	39
67	18	16	34	93	-	19	19
68	16	22	38	94	-	10	10
69	6	7	13	95	-	9	9
70	180	111	291	96	-	3	3
71	147	111	258	97	-	1	1
72	154	120	274	98	-	-	-
73	165	97	262	99	-	1	1
74	164	100	264	100	-	1	1
75	248	138	386	101	-	1	1
76	270	119	389	Sum	3,755	3,401	7,156
77	267	110	377	Average size	Males: 77.57 feet		
78	363	137	500		Females: 80.83 "		
79	287	126	413		Total animals: 79.12 "		
80	363	199	562	Per cent	Males: 52.47		
81	281	184	465		Females: 47.53		
82	280	203	483				
83	166	239	405				
84	115	217	332				

Fin-whales.

48	1	-	1	70	758	837	1,595
49	1	4	5	71	355	703	1,058
50	1	2	3	72	224	795	1,019
51	3	2	5	73	115	716	831
52	6	6	12	74	53	511	564
53	6	7	13	75	16	467	483
54	7	1	8	76	12	341	353
55	40	52	92	77	7	149	156
56	56	59	115	78	3	111	114
57	103	68	171	79	4	36	40
58	88	60	148	80	1	38	39
59	97	77	174	81	-	11	11
60	201	126	327	82	-	3	3
61	225	128	353	83	-	2	2
62	303	158	461	Sum	8,486	7,877	16,363
63	426	222	648	Average size	Males: 66.40 feet		
64	516	223	739		Females: 69.65 "		
65	865	296	1,161		Total animals: 67.96 "		
66	916	300	1,216	Per cent	Males: 51.86		
67	1,101	427	1,528		Females: 48.14		
68	1,116	479	1,595				
69	860	460	1,320				

Table No. 4 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	—	1	1	47	—	1	1
37	—	1	1	51	—	1	1
38	1	—	1	Sum	3	10	13
39	1	—	1	Average size { Males: 39.67 feet. Females: 42.50 " Total animals: 41.85 " Per cent: { Males: 23.08 Females: 76.92			
40	—	2	2				
41	—	—	—				
42	1	—	1				
43	—	—	—				
44	—	3	3				
45	—	1	1				
46	—	—	—				

Sei-whales.

47	2	—	2	Average size { Males: 48.40 feet. Females: 52.40 " Total animals: 51.07 " Per cent { Males: 33.33 Females: 66.67			
49	2	—	2				
50	1	1	2				
51	—	4	4				
52	—	1	1				
53	—	2	2				
56	—	2	2				
Sum	5	10	15				

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
40	2	53	498
41	9	54	378
42	9	55	220
43	20	56	120
44	42	57	53
45	75	58	22
46	93	59	4
47	135	60	1
48	238	Sum	3,679
49	274	Average size: Males: 51.22 feet.	
50	457		
51	527		
52	502		

**Table No. 5.—Whales caught in the Antarctic in the season 1948/49,
by species, sex and groups of size.**

Total Antarctic.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	542	7.34
„ 2. (71 feet to and incl. 85 feet)	5,863	79.42
„ 3. (above 85 feet).....	977	13.24
	7,382	100.00
Immature males	803	20.85
„ females	943	26.71
„ animals	1,746	23.65
Mature males	3,049	79.15
„ females	2,587	73.29
„ animals	5,636	76.35

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	193	1.05
„ 2. (56 feet to and incl. 65 feet).....	5,200	28.44
„ 3. (above 65 feet).....	12,892	70.51
	18,285	100.00
Immature males.....	1,452	15.31
„ females.....	1,472	16.73
„ animals.....	2,924	15.99
Mature males	8,034	84.69
„ females.....	7,327	83.27
„ animals	15,361	84.01

a. South Georgia.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	47	20.79
„ 2. (71 feet to and incl. 85 feet).....	160	70.80
„ 3. (above 85 feet).....	19	8.41
	226	100.00
Immature males.....	49	50.52
„ females	51	39.53
„ animals.....	100	44.25
Mature males	48	49.48
„ females	78	60.47
„ animals	126	55.75

Table No. 5 (continued).

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	54	2.81
» 2. (56 feet to and incl. 65 feet)	903	46.98
» 3. (above 65 feet)	965	50.21
	1,922	100.00
Immature males	314	31.40
„ females	277	30.04
„ animals	591	30.75
Mature males	686	68.60
„ females	645	69.96
„ animals	1,331	69.25

b. Antarctic, pelagic whaling.

Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less)	495	6.92
„ 2. (71 feet to and incl. 85 feet)	5,703	79.69
„ 3. (above 85 feet)	958	13.39
	7,156	100.00
Immature males	754	20.08
„ females	892	26.23
„ animals	1,646	23.00
Mature males	3,001	79.92
„ females	2,509	73.77
„ animals	5,510	77.00

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	139	0.85
„ 2. (56 feet to and incl. 65 feet)	4,297	26.26
„ 3. (above 65 feet)	11,927	72.89
	16,363	100.00
Immature males	1,138	13.41
„ females	1,195	15.17
„ animals	2,333	14.26
Mature males	7,348	86.59
„ females	6,682	84.83
„ animals	14,030	85.74

Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1948/49.

Other whales are reduced to blue-whale equivalents on the following basis:—
1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales.

Geographical areas.	Company.	Blue-whale equivalents. ¹⁾	Oil production.	
			Total.	Per blue-whale equivalent.
<i>South Georgia</i>	No. 1	428.0	55,283	129.2
	" 2	467.3	59,431	127.2
	" 3	392.6	48,250	122.9
	Average	—	—	126.5
<i>Antarctic, pelagic whaling</i>	No. 1	1,244.3	168,263	135.2
	" 2	645.8	82,937	128.4
	" 3	1,362.5	171,470	125.8
	" 4	895.3	111,476	124.5
	" 5	882.6	109,049	123.6
	" 6	1,218.5	146,699	120.4
	" 7	884.5	105,519	119.3
	" 8	467.5	52,614	112.5
	" 9	654.0	73,540	112.4
	" 10	881.2	98,831	112.2
	" 11	1,017.5	113,787	111.8
	" 12	711.0	79,327	111.6
	" 13	922.0	100,980	109.5
	" 14	1,053.4	113,427	107.7
	" 15	633.5	67,350	106.3
	" 16	574.5	60,323	105.0
	" 17	503.5	52,011	103.3
	" 18	1,368.0	133,398	97.5
Average	—	—	—	115.6

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

Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1948/49.

Blue-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of fetuses measured
Engl. feet.		Engl. feet.		
68	1	86	121	of which twin pairs..... 10
69	—	87	97	" " triples
70	1	88	77	Foetus not found..... 1
71	2	89	49	
72	4	90	54	
73	7	91	22	
74	6	92	21	
75	11	93	7	
76	15	94	6	
77	22	95	6	
78	32	96	2	
79	40	97	1	
80	74	98	—	
81	75	99	—	
82	96	100	1	
83	103	101	1	
84	96			
85	134	Total	1,184	

One expedition has not given information about pregnant whales and whale fetuses. The 20 expeditions which have given such information, have caught together 3,520 blue-whale females, of which 1,184 animals are pregnant, or 33.54 per cent.

Total number of mature blue-whale females (above 76 feet) caught by the above 20 expeditions is 2,587, of which 1,137 animals are pregnant, or 43.95 per cent.

Table No. 7 (cont.).

Fin-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of foetuses measured 2,980 of which twin pairs 19 Foetuses not found 11
Engl. feet.		Engl. feet.		
58	1	73	376	One expedition has not given information about pregnant whales and whale foetuses. The 20 expeditions which have given such information, have caught together 8,799 fin-whale females, of which 2,972 animals are pregnant, or 33.78 per cent. Total number of mature fin-whale females (above 64 feet) caught by the above 20 expeditions is 7,327, of which 2,923 animals are pregnant, or 39.89 per cent.
59	1	74	289	
60	1	75	269	
61	8	76	196	
62	10	77	82	
63	15	78	71	
64	13	79	22	
65	35	80	19	
66	59	81	10	
67	108	82	1	
68	158	83	1	
69	179	84	1	
70	338			
71	327	Total	2,972	
72	382			

Humpback females.

Length of mothers.	Number of pregnant animals.	Number of foetuses measured 7
Engl. feet.		
43	1	Total number of humpback females measured 22, of which pregnant animals 7, or 31.82 per cent. Total number of mature humpback females (above 40 feet) measured 13, of which pregnant animals 7, or 53.85 per cent.
44	3	
45	1	
47	1	
51	1	
Total	7	

Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of foetuses measured 86 of which twin pairs 3
Engl. feet.		Engl. feet.		
47	1	53	24	
48	1	54	16	
49	2	55	8	
50	9	56	2	
51	9			
52	11	Total	83	

Table No. 8.—Whale foetuses measured in the Antarctic in the season 1948/49, by species and groups of size, in each month.

Blue-whale foetuses.							
Groups of size.	Oct.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.							
Less than 1'	—	—	1	—	—	—	1
1'—1' 11"	—	—	7	2	—	—	9
2'—2' 11"	1	—	18	6	1	—	26
3'—3' 11"	1	4	25	16	1	1	48
4'—4' 11"	1	3	33	21	4	3	65
5'—5' 11"	1	3	44	28	6	1	83
6'—6' 11"	—	—	52	46	11	3	112
7'—7' 11"	—	2	46	51	15	4	118
8'—8' 11"	—	—	27	54	19	2	102
9'—9' 11"	—	—	26	57	15	4	102
10'—10' 11"	—	—	13	33	33	13	92
11'—11' 11"	—	—	7	27	19	9	62
12'—12' 11"	—	—	6	33	34	15	88
13'—13' 11"	—	—	3	9	26	12	50
14'—14' 11"	—	—	2	9	24	21	56
15'—15' 11"	—	—	1	9	19	22	51
16'—16' 11"	—	—	1	8	9	15	33
17'—17' 11"	—	—	—	3	7	13	23
18'—18' 11"	—	—	—	7	10	15	32
19'—19' 11"	—	—	—	—	3	3	6
20'—20' 11"	—	—	—	—	2	13	15
21'—21' 11"	—	—	—	—	2	—	2
22'—22' 11"	—	—	—	—	3	3	6
23'—23' 11"	—	—	—	—	5	3	8
24'—24' 11"	—	—	—	—	2	3	5
Total blue-whale foetuses	4	12	312	419	270	178	1,195
Average size of foetuses	3' 8"	4' 6"	6' 4"	8' 8"	12' 1"	14' 6"	9' 7"

Fin-whale foetuses.								
Groups of size.	Oct.	Nov.	Dec.	Jan.	Febr.	March	April	Total
Engl. feet.								
Less than 1'	—	3	2	7	2	—	—	14
1'—1' 11"	2	4	28	23	5	1	—	63
2'—2' 11"	1	6	31	55	15	11	—	119
3'—3' 11"	5	7	42	73	25	10	—	162
4'—4' 11"	1	7	64	102	52	26	—	252
5'—5' 11"	—	4	78	159	62	29	—	332
6'—6' 11"	—	—	58	158	79	27	—	322
7'—7' 11"	—	1	43	163	79	28	—	314
8'—8' 11"	—	1	19	130	114	49	—	313
9'—9' 11"	—	—	11	96	94	41	—	242
10'—10' 11"	—	—	4	67	90	66	—	227
11'—11' 11"	—	—	1	31	64	32	—	128
12'—12' 11"	—	—	—	22	73	79	—	174
13'—13' 11"	—	—	—	7	35	49	—	91
14'—14' 11"	—	—	1	6	22	64	—	93
15'—15' 11"	—	—	—	2	14	36	1	53
16'—16' 11"	—	—	—	1	11	25	—	37
17'—17' 11"	—	—	—	—	—	13	—	13
18'—18' 11"	—	—	—	—	3	16	—	19
19'—19' 11"	—	—	—	—	1	4	—	5
20'—20' 11"	—	—	—	—	—	2	—	2
21'—21' 11"	—	—	—	—	1	1	—	2
22'—22' 11"	—	—	—	1	—	1	—	2
23'—23' 11"	—	—	—	—	1	—	—	1
Total fin-whale foetuses	9	33	382	1,103	842	610	1	2,980
Average size of foetuses	2' 11"	3' 2"	4' 10"	6' 5"	8' 7"	10' 9"	15' 0"	7' 8"

Table No. 8 (continued).

Humpback foetuses.

Groups of size.	Nov.	Dec.	Jan.	Febr.	March.	Total.
Engl. feet.						
Less than 1'.....	-	-	-	-	-	-
1'- 1' 11".....	-	3	-	-	-	3
2'- 2' 11".....	-	-	-	-	-	-
3'- 3' 11".....	-	-	1	-	-	1
4'- 4' 11".....	-	-	-	-	-	-
5'- 5' 11".....	-	-	-	-	2	2
6'- 6' 11".....	-	-	-	-	-	-
7'- 7' 11".....	-	-	-	-	-	-
8'- 8' 11".....	-	-	-	-	-	-
9'- 9' 11".....	-	-	-	-	-	-
10'-10' 11".....	1	-	-	-	-	1
Total humpback foetuses.....	1	3	1	-	2	7
Average size of foetuses.....	10' 0"	1' 2"	3' 0"	-	5' 0"	3' 9"

Sei-whale foetuses.

Groups of size.	Jan.	Febr.	March.	April.	Total.
Engl. feet.					
Less than 1'.....	-	-	-	-	-
1'- 1' 11".....	-	-	-	-	-
2'- 2' 11".....	1	1	-	-	2
3'- 3' 11".....	-	2	-	-	2
4'- 4' 11".....	-	5	-	-	5
5'- 5' 11".....	-	4	1	1	6
6'- 6' 11".....	-	5	1	2	8
7'- 7' 11".....	1	4	3	-	8
8'- 8' 11".....	3	5	3	-	11
9'- 9' 11".....	-	1	1	1	3
10'-10' 11".....	-	5	3	2	10
11'-11' 11".....	-	4	4	-	8
12'-12' 11".....	-	6	10	2	18
13'-13' 11".....	-	-	1	1	2
14'-14' 11".....	-	1	1	-	2
15'-15' 11".....	-	-	-	1	1
Total sei-whale foetuses.....	5	43	28	10	86
Average size of foetuses.....	6' 8"	7' 9"	10' 3"	9' 10"	8' 9"

Table No. 9.—Whale foetuses measured in the Antarctic in the season 1948/49, by species and sex, in each month.

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
Blue-whale foetuses.					
October.....	4	-	-	4	-
November.....	8	4	-	12	200
December.....	170	141	1	312	121
January.....	215	204	-	419	105
February.....	145	124	1	270	117
March.....	79	99	-	178	80
Total	621	572	2	1,195	109

Table No. 9 (continued).

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
Fin-whale foetuses.					
October	4	5	—	9	80
November	22	11	—	33	200
December	180	201	1	382	90
January	548	554	1	1,103	99
February	419	421	2	842	100
March	302	307	1	610	98
April	—	1	—	1	—
Total	1,475	1,500	5	2,980	98
Humpback foetuses.					
November	1	—	—	1	—
December	3	—	—	3	—
January	—	1	—	1	—
February	—	—	—	—	—
March	—	2	—	2	—
Total	4	3	—	7	133
Sei-whale foetuses.					
January	3	2	—	5	150
February	23	20	—	43	115
March	11	16	1	28	69
April	5	5	—	10	100
Total	42	43	1	86	98

Table No. 10.—Whale foetuses measured in the Antarctic
in the season 1948/49.

Blue-whale foetuses.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
29/10 48	86	2' 0"	M	28/11 48	81	7' 0"	M	15/12 48	86	6' 0"	M
30/10 "	78	5' 6"	M	29/11 "	81	5' 0"	M	" "	85	7' 0"	M
" "	82	4' 0"	M	15/12 "	87	2' 0"	F	" "	84	6' 0"	M
31/10 "	85	3' 0"	M	" "	89	10' 0"	M	" "	85	9' 0"	M
1/11 "	81	3' 0"	F	" "	85	5' 0"	M	" "	87	7' 0"	M
2/11 "	84	3' 0"	M	" "	85	7' 0"	F	" "	82	5' 0"	F
9/11 "	85	5' 0"	M	" "	81	5' 0"	F	" "	86	9' 0"	F
11/11 "	79	7' 0"	F	" "	88	12' 0"	F	" "	82	9' 0"	M
16/11 "	79	3' 6"	M	" "	88	13' 0"	F	" "	85	8' 0"	M
" "	78	3' 2"	M	" "	89	12' 0"	F	" "	88	6' 0"	M
18/11 "	88	4' 0"	M	" "	86	3' 6"	M	" "	83	6' 6"	F
19/11 "	80	5' 0"	F	" "	80	7' 0"	F	" "	87	3' 6"	F
26/11 "	85	{ 4' 0"	M	" "	84	7' 0"	F	" "	87	6' 0"	M
		{ 4' 0"	F	" "	89	6' 0"	F	" "	76	3' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
15/12 48	78	6' 0"	F	18/12 48	76	5' 0"	M	21/12 48	84	4' 0"	F
" "	83	8' 6"	M	" "	85	6' 0"	M	" "	80	7' 0"	F
" "	87	4' 8"	F	" "	83	6' 0"	F	" "	86	7' 0"	M
16/12 "	88	6' 0"	F	" "	88	1' 3"	M	" "	83	6' 0"	M
" "	84	6' 0"	F	" "	83	9' 0"	M	" "	84	6' 6"	M
" "	90	6' 0"	M	" "	87	4' 6"	F	" "	79	4' 0"	M
" "	90	4' 0"	F	19/12 "	80	8' 0"	M	" "	85	6' 0"	F
" "	84	9' 0"	M	" "	86	10' 0"	F	" "	79	4' 6"	M
" "	83	5' 0"	M	" "	84	6' 0"	M	" "	81	8' 6"	F
" "	89	10' 0"	F	" "	86	4' 0"	F	22/12 "	81	1' 6"	F
" "	83	6' 0"	M	" "	82	2' 0"	M	" "	82	2' 0"	M
" "	81	9' 0"	M	" "	84	14' 0"	F	" "	90	5' 0"	M
" "	83	4' 0"	F	" "	88	7' 0"	F	" "	78	4' 0"	F
" "	79	5' 0"	F	" "	83	5' 0"	F	" "	89	6' 0"	M
" "	85	6' 0"	F	" "	84	7' 0"	F	" "	89	9' 0"	M
" "	83	9' 0"	M	" "	82	6' 0"	M	" "	95	7' 0"	F
" "	85	4' 2"	M	" "	90	7' 0"	M	" "	82	5' 0"	M
" "	84	5' 0"	M	" "	80	5' 0"	F	" "	82	5' 6"	M
" "	86	3' 6"	F	" "	80	9' 0"	F	" "	91	10' 0"	M
" "	84	10' 6"	M	" "	85	7' 0"	M	" "	85	5' 10"	F
" "	80	3' 6"	F	" "	82	1' 3"	M	" "	75	3' 0"	M
" "	82	5' 4"	M	" "	83	7' 4"	M	" "	85	9' 0"	F
" "	83	2' 6"	F	" "	76	4' 5"	F	" "	88	6' 2"	F
17/12 "	86	6' 0"	F	20/12 "	86	4' 0"	M	" "	85	3' 8"	M
" "	84	3' 0"	M	" "	81	3' 0"	M	" "	77	7' 11"	M
" "	89	5' 0"	M	" "	86	8' 0"	M	23/12 "	89	11' 0"	M
" "	86	6' 0"	F	" "	80	2' 0"	M	" "	86	12' 0"	F
" "	82	3' 0"	F	" "	80	6' 0"	F	" "	84	10' 0"	F
" "	88	7' 0"	F	" "	88	7' 0"	M	" "	88	10' 0"	F
" "	80	9' 0"	F	" "	86	12' 0"	M	" "	81	3' 0"	M
" "	82	5' 0"	F	" "	87	0' 1"	F	" "	85	7' 0"	F
" "	82	11' 0"	F	" "	89	5' 6"	M	" "	80	7' 0"	F
" "	82	7' 0"	M	" "	86	5' 6"	M	" "	90	8' 0"	F
" "	84	8' 0"	M	" "	86	9' 0"	F	" "	87	8' 0"	M
" "	89	7' 0"	F	" "	85	6' 0"	M	" "	87	8' 0"	F
" "	80	6' 5"	M	" "	81	4' 0"	M	" "	79	15' 0"	M
" "	78	2' 6"	M	" "	80	5' 0"	M	" "	86	2' 6"	M
" "	76	5' 6"	M	" "	84	6' 0"	M	" "	81	2' 6"	F
" "	74	8' 0"	F	" "	89	8' 0"	F	" "	80	8' 0"	F
" "	89	2' 0"	M	" "	86	6' 0"	F	" "	81	4' 0"	F
" "	74	3' 0"	M	" "	89	3' 0"	M	" "	87	10' 0"	M
" "	85	6' 0"	M	" "	87	8' 1"	F	" "	88	9' 0"	M
" "	90	8' 0"	M	" "	85	3' 6"	M	" "	87	11' 0"	M
" "	86	6' 5"	M	" "	78	10' 0"	M	" "	82	4' 6"	M
" "	82	3' 1"	F	" "	87	9' 0"	M	" "	81	6' 0"	F
" "	79	5' 4"	F	" "	88	6' 0"	F	" "	82	10' 10"	M
" "	83	3' 7"	M	" "	78	6' 0"	F	" "	88	5' 8"	F
18/12 "	86	7' 0"	F	" "	86	4' 9"	M	" "	77	6' 3"	M
" "	94	1' 2"	M	" "	87	2' 4"	M	24/12 "	80	7' 0"	F
" "	87	5' 0"	M	" "	85	6' 0"	F	" "	84	5' 0"	M
" "	90	3' 0"	F	21/12 "	88	1' 0"	M	" "	86	7' 0"	M
" "	88	2' 0"	M	" "	85	8' 0"	M	" "	83	5' 0"	M
" "	87	3' 0"	M	" "	80	6' 0"	M	" "	77	8' 0"	F
" "	85	4' 0"	F	" "	83	5' 0"	M	" "	85	4' 0"	M
" "	86	7' 0"	F	" "	85	5' 0"	M	" "	93	5' 0"	F
" "	83	8' 0"	F	" "	94	7' 0"	M	" "	83	5' 0"	M
" "	83	7' 0"	M	" "	81	5' 0"	F	" "	89	2' 0"	F
" "	74	7' 6"	M	" "	81	6' 5"	M	" "	90	5' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
24/12 48	84	9' 0"	F	27/12 48	81	5' 0"	M	1/1 49	79	8' 0"	F
" "	86	4' 0"	M	" "	87	7' 0"	F	" "	79	5' 0"	M
" "	81	7' 0"	M	" "	82	5' 0"	M	" "	89	3' 0"	F
" "	77	8' 0"	M	" "	85	8' 0"	M	" "	84	1' 6"	F
" "	85	4' 0"	F	" "	82	7' 6"	F	" "	92	3' 0"	M
" "	82	10' 8"	F	" "	83	7' 4"	M	" "	79	3' 0"	M
" "	72	4' 6"	F	" "	82	11' 0"	F	" "	81	12' 0"	M
" "	82	1' 6"	M	" "	79	4' 1"	F	" "	83	13' 0"	M
" "	81	8' 0"	F	28/12 "	91	4' 0"	M	2/1 "	92	9' 0"	M
" "	83	4' 0"	M	" "	78	4' 0"	F	" "	76	6' 0"	M
" "	85	2' 9"	F	" "	80	2' 0"	F	" "	82	14' 0"	M
" "	78	4' 9"	M	" "	79	7' 0"	M	" "	83	8' 0"	F
25/12 "	81	8' 0"	M	" "	85	8' 0"	F	" "	80	8' 0"	M
" "	85	6' 0"	F	" "	81	8' 0"	F	" "	80	9' 6"	M
" "	87	1' 0"	M	29/12 "	79	3' 0"	M	" "	92	12' 0"	F
" "	89	3' 0"	F	" "	89	14' 0"	M	" "	87	8' 0"	F
" "	85	6' 0"	F	" "	85	7' 0"	F	" "	80	3' 0"	F
" "	85	6' 0"	F	" "	88	8' 0"	M	" "	84	4' 6"	M
" "	84	2' 0"	F	" "	88	13' 3"	M	" "	88	3' 4"	M
" "	96	2' 0"	F	" "	87	3' 7"	M	" "	80	10' 2"	F
" "	85	5' 0"	F	" "	87	3' 6"	F	" "	81	7' 2"	M
" "	80	8' 0"	F	" "	89	7' 4"	F	" "	75	5' 2"	F
" "	77	6' 0"	M	" "	80	7' 1"	F	" "	85		
" "	87	9' 0"	F	" "	89	4' 3"	M	" "	80	5' 0"	M
" "	75	3' 0"	M	" "	85	9' 6"	M	" "	84	9' 0"	M
" "	81	5' 0"	M	" "	82	7' 0"	M	" "	87	7' 0"	M
" "	82	5' 6"	M	" "	84	5' 0"	F	" "	79	7' 0"	F
" "	87	6' 0"	F	" "	90	9' 0"	F	" "	85	7' 5"	M
" "	76	7' 0"	F	" "	87	4' 9"	M	3/1 "	85	11' 0"	F
" "	79	7' 0"	M	" "	86	3' 9"	F	" "	87	12' 0"	M
26/12 "	88	7' 0"	F	30/12 "	79	9' 0"	M	" "	83	2' 0"	M
" "	71	5' 0"	M	" "	84	9' 0"	M	" "	93	8' 0"	M
" "	82	2' 0"	F	" "	84	4' 0"	M	" "	86	8' 0"	F
" "	88	6' 0"	F	" "	88	8' 0"	F	" "	88	13' 0"	F
" "	83	4' 0"	F	" "	80	2' 0"	F	" "	87	9' 0"	M
" "	86	9' 0"	M	" "	77	7' 0"	M	" "	92	10' 0"	M
" "	87	7' 0"	M	" "	80	5' 1"	M	" "	88	7' 0"	M
" "	86	6' 0"	F	" "	83	4' 2"	M	" "	85	5' 0"	M
" "	89	11' 0"	M	" "	80	7' 0"	M	" "	89	9' 0"	M
" "	85	9' 0"	F	" "	84	5' 0"	F	" "	80	6' 0"	M
" "	88	10' 0"	M	" "	79	4' 0"	F	" "	86	7' 6"	F
" "	94	16' 0"	M	" "	81	9' 7"	M	4/1 "	86	7' 0"	M
" "	80	10' 0"	M	31/12 "	85	12' 0"	F	" "	82	8' 0"	F
" "	81	5' 0"	F	" "	81	11' 0"	M	" "	85	9' 0"	F
" "	85	5' 9"	F	" "	86	9' 0"	F	" "	86	8' 0"	M
27/12 "	87	7' 0"	F	" "	83	9' 0"	M	" "	92	3' 0"	F
" "	86	6' 0"	F	" "	84	6' 0"	F	" "	86	13' 0"	M
" "	90	7' 0"	F	" "	87	5' 0"	M	" "	81	8' 0"	F
" "	91	6' 0"	M	" "	82	12' 0"	F	" "	84	6' 0"	M
" "	88	1' 0"	M	" "	90	6' 0"	M	" "	82	11' 0"	F
" "	86	6' 0"	M	" "	85	5' 4"	M	" "	85	6' 0"	M
" "	87	8' 0"	M	" "	79	9' 6"	F	" "	87	7' 0"	F
" "	86	7' 0"	M	" "	80	6' 0"	F	" "	81	6' 0"	M
" "	83	6' 0"	M	" "	77	7' 3"	M	" "	81	8' 0"	F
" "	78	4' 0"	F	" "	80	6' 0"	F	" "	78	6' 0"	F
" "	83	5' 0"	M	" "				" "	79	9' 0"	M
" "	86	13' 0"	M	1/1 49	82	9' 0"	M	" "	82	8' 6"	M
" "	86	6' 2"	M	" "	84	11' 0"	M	" "	80	6' 6"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
4/1 49	91	4' 6"	F	7/1 49	88	4' 0"	M	10/1 49	87	4' 0"	M
" "	75	11' 0"	F	" "	75	6' 0"	F	" "	82	6' 0"	F
" "	89	16' 0"	M	" "	85	7' 0"	M	" "	88	1' 5"	F
" "	89	6' 0"	F	" "	82	6' 0"	M	" "	90	10' 0"	M
5/1 " "	82	7' 0"	M	" "	78	7' 0"	F	" "	86	5' 0"	F
" "	88	4' 0"	F	" "	86	8' 0"	F	" "	89	5' 0"	M
" "	80	7' 0"	F	" "	84	7' 6"	M	" "	89	4' 0"	M
" "	76	8' 0"	M	" "	83	7' 0"	F	" "	91	9' 0"	F
" "	89	3' 0"	F	" "	78	8' 0"	M	" "	82	5' 0"	F
" "	79	8' 0"	M	" "	83	5' 0"	M	" "	87	4' 0"	M
" "	85	{12' 3"	M	" "	86	11' 0"	F	" "	86	12' 0"	F
" "		{11' 6"	M	" "	74	5' 0"	F	" "	85	11' 0"	M
" "	87	8' 5"	M	" "	83	7' 0"	F	" "	85	8' 0"	M
" "	87	3' 0"	F	" "	86	18' 0"	F	" "	79	7' 0"	F
" "	86	9' 0"	M	" "	81	5' 6"	F	" "	88	2' 0"	M
" "	80	8' 0"	F	" "	88	6' 0"	M	11/1 "	86	9' 0"	M
" "	81	15' 0"	F	" "	83	4' 6"	M	" "	84	9' 0"	M
" "	90	6' 0"	M	" "	79	8' 2"	F	" "	80	7' 0"	F
" "	81	11' 0"	M	" "	84	7' 0"	M	" "	78	6' 0"	M
" "	83	7' 0"	F	8/1 "	85	2' 0"	M	" "	96	3' 0"	M
" "	85	8' 0"	M	" "	84	8' 0"	F	" "	84	7' 0"	F
" "	88	2' 0"	M	" "	88	7' 0"	F	" "	90	7' 0"	M
" "	79	7' 6"	M	" "	88	10' 0"	F	" "	91	4' 0"	F
" "	82	4' 0"	M	" "	86	10' 0"	F	" "	80	16' 0"	F
" "	84	13' 0"	F	" "	92	8' 0"	F	" "	84	5' 0"	M
6/1 "	84	6' 0"	F	" "	82	9' 0"	M	" "	92	6' 0"	M
" "	82	6' 0"	F	" "	90	9' 6"	F	" "	85	9' 0"	M
" "	81	4' 0"	M	" "	90	5' 0"	M	" "	89	5' 0"	M
" "	73	4' 0"	F	" "	84	5' 0"	M	" "	86	14' 6"	M
" "	77	8' 0"	F	" "	84	3' 0"	F	" "	86	5' 6"	F
" "	84	10' 0"	M	" "	90	8' 0"	M	" "	88	8' 4"	F
" "	82	8' 0"	F	" "	90	7' 0"	M	12/1 "	88	6' 5"	M
" "	83	5' 6"	M	" "	87	4' 0"	M	" "	87	9' 0"	M
" "	88	7' 3"	M	" "	79	12' 0"	F	" "	86	11' 0"	M
" "	86	10' 6"	M	" "	82	6' 0"	M	" "	91	12' 0"	F
" "	86	8' 0"	F	" "	80	8' 0"	F	" "	82	9' 0"	M
" "	89	6' 0"	F	" "	90	10' 0"	F	" "	83	8' 0"	F
" "	86	8' 0"	F	" "	82	9' 0"	M	" "	78	5' 0"	M
" "	92	16' 0"	M	" "	89	7' 0"	F	" "	81	18' 0"	F
" "	85	6' 0"	M	" "	81	6' 6"	M	" "	81	4' 0"	F
" "	84	6' 0"	F	" "	86	10' 0"	F	" "	82	8' 0"	M
" "	84	7' 0"	M	9/1 "	78	7' 0"	M	" "	85	8' 0"	M
" "	78	7' 0"	M	" "	91	6' 0"	M	" "	84	7' 0"	F
" "	81	5' 0"	F	" "	82	8' 0"	F	" "	86	13' 0"	M
" "	82	11' 0"	M	" "	88	11' 0"	M	13/1 "	85	7' 0"	M
" "	85	6' 0"	M	" "	82	9' 4"	M	" "	85	10' 0"	M
" "	82	6' 0"	M	" "	85	10' 0"	F	" "	89	12' 0"	M
" "	76	6' 0"	F	" "	78	6' 0"	F	" "	85	6' 0"	M
" "	82	6' 0"	M	" "	90	13' 0"	F	" "	84	9' 0"	M
" "	86	9' 0"	M	" "	92	5' 0"	F	" "	80	9' 0"	F
" "	81	7' 0"	F	" "	89	9' 0"	F	" "	88	6' 0"	F
7/1 "	86	8' 0"	M	" "	85	9' 0"	F	14/1 "	85	8' 6"	M
" "	91	2' 0"	F	" "	82	9' 0"	F	" "	80	5' 11"	M
" "	86	3' 0"	M	" "	87	9' 0"	M	" "	81	7' 9"	F
" "	82	8' 0"	M	" "	83	6' 0"	M	" "	90	6' 0"	M
" "	84	7' 0"	F	" "	83	9' 0"	F	15/1 "	92	9' 0"	F
" "	85	6' 0"	M	" "	81	4' 6"	M	" "	83	8' 0"	F
" "	81	7' 0"	F	" "	84	10' 7"	M	" "			

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
15/1 49	89	15' 6"	M	21/1 49	79	6' 0"	F	27/1 49	87	12' 4"	F
" "	84	11' 9"	F	" "	80	6' 0"	F	" "	88	15' 3"	M
" "	92	5' 4"	M	" "	91	11' 6"	F	" "	87	10' 0"	M
" "	87	3' 6"	F	" "	81	9' 6"	M	" "	90	9' 0"	F
" "	80	3' 10"	F	22/1 "	88	12' 0"	M	" "	87	11' 0"	M
" "	83	6' 2"	F	" "	80	9' 0"	F	" "	90	11' 8"	M
" "	85	11' 0"	M	" "	85	7' 6"	F	" "	75	8' 4"	F
" "	84	9' 0"	F	" "	83	4' 1"	F	28/1 "	83	12' 0"	M
" "	85	9' 3"	F	" "	89	16' 0"	M	" "	87	7' 0"	F
16/1 "	90	14' 0"	M	" "	80	10' 9"	F	" "	87	10' 0"	M
" "	85	7' 0"	F	23/1 "	80	14' 0"	F	" "	78	12' 3"	F
" "	88	4' 0"	M	" "	83	8' 10"	F	" "	84	11' 0"	F
" "	89	17' 0"	M	" "	92	15' 10"	F	" "	88	8' 0"	F
" "	83	5' 2"	F	" "	92	7' 0"	M	" "	84	11' 0"	M
" "	78	6' 3"	F	" "	77	8' 6"	F	" "	86	7' 0"	M
" "	85	9' 0"	F	" "	88	6' 6"	M	" "	80	7' 0"	M
" "	91	5' 0"	F	" "	82	5' 0"	F	" "	90	4' 0"	M
" "	78	8' 0"	M	" "	83	12' 6"	M	" "	81	14' 0"	F
" "	85	7' 6"	M	" "	82	10' 4"	M	" "	81	10' 0"	M
" "	91	9' 5"	M	24/1 "	84	12' 0"	M	" "	82	12' 0"	M
17/1 "	81	3' 0"	F	" "	90	12' 0"	M	" "	80	16' 0"	F
" "	83	9' 0"	M	" "	89	12' 0"	F	" "	89	2' 0"	M
" "	76	10' 0"	M	" "	80	4' 6"	F	" "	81	6' 0"	F
" "	86	9' 0"	F	" "	75	9' 0"	M	" "	85	10' 6"	M
" "	86	8' 0"	F	" "	87	9' 0"	M	" "	77	9' 4"	M
" "	83	9' 0"	M	25/1 "	86	12' 0"	M	" "	81	6' 3"	M
" "	85	6' 0"	F	" "	88	12' 3"	M	" "	83	12' 5"	F
" "	77	6' 3"	M	" "	83	8' 2"	M	" "	78	8' 5"	M
" "	88	10' 0"	F	" "	84	11' 4"	M	" "	85	13' 3"	F
" "	85	12' 0"	F	" "	84	9' 6"	F	29/1 "	82	3' 0"	F
" "	88	12' 0"	M	" "	84	7' 6"	F	" "	87	8' 11"	F
" "	80	7' 7"	M	" "	87	9' 0"	M	" "	85	15' 10"	F
18/1 "	85	11' 0"	F	" "	87	12' 0"	F	" "	88	14' 9"	M
" "	83	9' 0"	M	" "	83	16' 0"	F	" "	90	15' 0"	M
" "	86	7' 3"	M	" "	86	17' 0"	M	" "	86	10' 0"	M
" "	77	7' 6"	M	" "	79	15' 0"	M	" "	86	12' 0"	M
19/1 "	84	11' 2"	F	" "	83	12' 0"	F	" "	91	15' 0"	F
" "	84	9' 2"	M	" "	88	13' 0"	M	" "	92	10' 0"	F
" "	89	9' 0"	F	" "	87	9' 11"	F	" "	83	5' 0"	F
" "	86	10' 0"	F	" "	82	11' 6"	F	" "	85	17' 0"	F
" "	81	6' 3"	F	26/1 "	73	8' 0"	F	" "	81	6' 6"	F
" "	81	7' 6"	F	" "	87	10' 0"	F	" "	86	12' 0"	M
" "	81	11' 6"	M	" "	76	4' 3"	F	" "	86	5' 4"	M
" "	81	7' 8"	M	" "	90	12' 3"	M	" "	83	16' 4"	M
20/1 "	87	9' 0"	M	" "	85	9' 0"	F	" "	86	18' 0"	M
" "	88	9' 0"	F	" "	85	5' 0"	M	30/1 "	88	7' 0"	M
" "	82	11' 0"	F	" "	85	12' 0"	F	" "	83	8' 0"	F
" "	85	12' 6"	F	" "	85	12' 0"	M	" "	89	5' 0"	F
" "	80	10' 2"	F	" "	82	7' 3"	M	" "	84	10' 0"	M
21/1 "	77	8' 0"	F	" "	83	8' 4"	M	" "	86	14' 0"	M
" "	83	14' 0"	F	" "	79	9' 0"	F	" "	79	10' 0"	M
" "	83	3' 0"	F	" "	83	10' 0"	F	" "	85	9' 0"	F
" "	83	12' 0"	F	" "	86	18' 0"	F	" "	84	11' 0"	F
" "	88	12' 0"	M	" "	83	8' 5"	F	" "	84	8' 0"	F
" "	86	10' 0"	F	" "	86	10' 10"	M	31/1 "	87	7' 0"	M
" "	85	9' 0"	M	" "	80	11' 2"	M	" "	87	8' 0"	F
" "	80	4' 3"	M	27/1 "	83	13' 0"	F	" "	94	9' 7"	F
" "	78	12' 3"	M	" "	80	6' 0"	M	" "	87	10' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$31\frac{1}{1}$ 49	74	9' 0"	F	$5\frac{1}{2}$ 49	79	12' 8"	M	$13\frac{1}{2}$ 49	97	8' 0"	M
" "	85	18' 0"	F	" "	80	11' 1"	M	" "	85	12' 0"	M
" "	79	8' 0"	F	" "	73	2' 0"	M	" "	82	14' 0"	M
" "	86	9' 0"	M	$6\frac{1}{2}$ "	92	15' 0"	F	" "	88	10' 0"	M
" "	85	16' 0"	F	" "	85	14' 0"	M	" "	"	{10' 0"	M
" "	83	15' 0"	M	" "	93	14' 0"	F	" "	"	{10' 0"	M
" "	88	10' 0"	M	" "	83	3' 0"	M	" "	86	11' 0"	M
" "	90	18' 0"	F	" "	85	7' 0"	M	" "	83	15' 0"	F
" "	85	9' 0"	F	" "	90	11' 0"	F	" "	72	7' 0"	F
" "	84	11' 0"	F	$7\frac{1}{2}$ "	86	5' 0"	F	" "	77	11' 0"	F
" "	82	14' 0"	F	" "	72	7' 0"	F	" "	81	12' 0"	F
" "	84	18' 0"	F	" "	77	6' 0"	M	" "	82	9' 10"	M
" "	86	10' 0"	M	" "	87	12' 0"	M	" "	88	15' 3"	F
$1\frac{1}{2}$ "	80	7' 0"	F	" "	85	10' 0"	M	" "	84	10' 7"	M
" "	87	15' 0"	M	" "	88	5' 0"	M	$14\frac{1}{2}$ "	87	10' 0"	F
" "	85	7' 0"	F	" "	84	13' 0"	M	" "	87	22' 0"	F
" "	90	14' 0"	M	$8\frac{1}{2}$ "	86	14' 0"	F	" "	87	12' 11"	M
" "	83	12' 0"	F	" "	85	14' 0"	F	" "	86	13' 10"	F
" "	85	10' 0"	F	" "	85	10' 0"	M	" "	85	13' 0"	M
" "	87	5' 0"	F	" "	95	12' 0"	F	" "	87	11' 0"	F
" "	82	9' 0"	M	" "	95	9' 0"	M	" "	86	8' 0"	M
" "	86	10' 0"	F	" "	83	10' 0"	F	" "	81	13' 4"	M
" "	90	17' 0"	F	" "	80	5' 11"	F	$15\frac{1}{2}$ "	83	12' 0"	M
" "	85	12' 0"	F	$9\frac{1}{2}$ "	86	9' 0"	M	" "	79	6' 0"	F
" "	85	13' 0"	F	$10\frac{1}{2}$ "	83	12' 0"	M	" "	88	9' 11"	M
" "	89	8' 0"	M	" "	89	13' 0"	F	" "	84	14' 0"	F
" "	78	7' 0"	F	" "	86	9' 0"	F	" "	86	20' 0"	M
" "	90	12' 0"	M	" "	79	16' 0"	F	" "	88	13' 0"	M
" "	87	10' 0"	M	" "	88	8' 0"	M	" "	85	11' 0"	M
" "	76	7' 0"	F	" "	84	8' 0"	M	" "	84	10' 0"	F
" "	71	10' 0"	F	" "	83	17' 0"	M	" "	88	10' 0"	M
$2\frac{1}{2}$ "	80	8' 0"	F	" "	82	10' 0"	M	" "	79	19' 0"	M
" "	90	4' 0"	M	" "	88	11' 0"	F	" "	86	13' 0"	F
" "	80	8' 0"	F	$11\frac{1}{2}$ "	87	7' 0"	F	" "	74	10' 6"	M
" "	82	9' 0"	F	" "	84	15' 0"	M	" "	79	10' 1"	F
" "	90	9' 0"	M	" "	92	15' 0"	F	$16\frac{1}{2}$ "	92	24' 2"	M
" "	93	8' 0"	M	" "	88	8' 0"	M	" "	86	6' 11"	F
" "	86	4' 6"	F	" "	81	10' 0"	M	" "	87	14' 1"	M
" "	84	12' 6"	M	" "	90	18' 0"	M	" "	83	7' 0"	F
$3\frac{1}{2}$ "	86	5' 0"	M	" "	87	11' 9"	M	" "	83	5' 0"	M
" "	90	7' 0"	F	" "	82	12' 1"	M	" "	82	12' 0"	M
$4\frac{1}{2}$ "	85	8' 0"	F	" "	81	13' 2"	M	" "	78	12' 0"	M
" "	92	12' 0"	M	" "	80	11' 11"	M	" "	81	7' 0"	F
" "	84	12' 0"	M	$12\frac{1}{2}$ "	90	14' 0"	M	" "	88	8' 0"	M
" "	75	7' 4"	M	" "	80	10' 0"	F	" "	87	15' 0"	F
$5\frac{1}{2}$ "	85	13' 6"	M	" "	80	12' 0"	F	" "	84	19' 0"	F
" "	83	17' 3"	F	" "	91	8' 0"	M	" "	84	14' 0"	M
" "	83	4' 10"	M	" "	82	12' 0"	F	$17\frac{1}{2}$ "	83	18' 0"	F
" "	81	14' 11"	M	" "	83	8' 4"	M	" "	83	6' 0"	F
" "	88	16' 10"	M	" "	89	{15' 11"	F	" "	88	23' 7"	M
" "	82	6' 7"	M	" "	"	{14' 1"	M	" "	83	18' 0"	F
" "	81	13' 10"	F	" "	84	11' 0"	F	" "	83	10' 0"	M
" "	89	16' 0"	M	$13\frac{1}{2}$ "	84	15' 0"	F	" "	87	10' 0"	F
" "	90	9' 0"	F	" "	84	10' 0"	F	" "	82	10' 0"	F
" "	85	11' 0"	F	" "	86	11' 0"	M	" "	87	12' 0"	M
" "	86	8' 6"	F	" "	93	18' 0"	F	" "	86	17' 0"	F
" "	86	7' 0"	M	" "	82	15' 0"	F	$18\frac{1}{2}$ "	85	14' 0"	F
" "	81	11' 7"	M	" "	89	11' 0"	M	" "	82	12' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Eng. f.	Engl. ft.	
18 1/2 49	84	18' 0"	F	25 1/2 49	77	10' 0"	M	1/3 49	87	7' 7"	M
" "	82	12' 0"	M	" "	75	6' 0"	M	" "	87	12' 0"	F
" "	83	12' 0"	M	" "	85	9' 0"	M	" "	84	15' 0"	F
" "	101	12' 0"	F	" "	86	12' 0"	F	" "	79	12' 0"	M
" "	81	11' 0"	F	" "	84	13' 0"	F	2/3 "	85	6' 0"	M
19 1/2 "	94	20' 0"	M	" "	91	9' 0"	M	" "	90	13' 0"	M
" "	89	19' 0"	F	" "	85	16' 0"	F	" "	92	12' 0"	F
" "	87	18' 0"	M	" "	85	16' 0"	M	" "	86	6' 0"	F
" "	86	16' 0"	M	" "	87	18' 0"	M	" "	73	9' 0"	M
" "	82	10' 0"	F	" "	78	9' 0"	M	" "	86	12' 0"	M
" "	84	9' 6"	F	" "	84	8' 0"	F	3/3 "	85	18' 0"	F
20 1/2 "	87	14' 0"	M	26 1/2 "	85	13' 0"	M	" "	82	12' 0"	M
" "	90	11' 0"	M	" "	87	23' 0"	M	" "	86	10' 0"	M
" "	79	8' 0"	F	" "	95	22' 0"	M	" "	87	14' 0"	M
" "	83	18' 0"	M	" "	82	15' 10"	F	" "	84	12' 0"	F
" "	86	6' 0"	F	" "	77	10' 0"	F	" "	82	14' 0"	M
" "	87	14' 0"	F	" "	86	12' 0"	F	" "	85	12' 0"	M
21 1/2 "	83	13' 0"	F	" "	82	13' 0"	M	" "	76	10' 0"	F
" "	86	12' 0"	M	" "	82	14' 0"	F	" "	86	14' 0"	M
" "	83	15' 0"	M	" "	81	12' 0"	M	" "	81	13' 6"	F
" "	83	18' 0"	M	" "	86	14' 0"	M	" "	82	10' 0"	M
22 1/2 "	91	21' 4"	M	" "	85	4' 0"	M	" "	82	12' 0"	F
" "	87	{ 16' 4"	M	" "	84	6' 0"	F	" "	87	18' 10"	F
" "	87	{ 13' 0"	M	27 1/2 "	90	12' 0"	M	4/3 "	95	20' 0"	F
" "	87	15' 0"	F	" "	86	12' 0"	M	" "	90	10' 0"	M
" "	81	16' 0"	M	" "	86	10' 0"	F	" "	82	13' 0"	F
" "	83	11' 0"	F	" "	80	7' 0"	M	" "	94	10' 0"	M
" "	80	15' 0"	M	" "	85	18' 0"	F	" "	84	14' 0"	F
" "	87	13' 4"	M	" "	80	14' 0"	M	" "	80	11' 0"	F
23 1/2 "	87	15' 0"	F	" "	70	12' 6"	M	" "	77	11' 4"	F
" "	85	23' 2"	M	" "	86	13' 6"	F	" "	82	14' 1"	F
" "	86	15' 0"	F	" "	78	13' 0"	M	5/3 "	91	24' 0"	F
" "	87	14' 0"	F	" "	82	15' 0"	F	" "	83	18' 0"	M
" "	82	13' 0"	M	28 1/2 "	86	10' 0"	F	" "	93	14' 0"	F
" "	81	6' 0"	M	" "	91	13' 0"	F	" "	81	7' 0"	F
" "	85	13' 0"	F	" "	85	10' 0"	F	" "	86	15' 0"	M
24 1/2 "	87	13' 0"	M	" "	81	10' 0"	F	" "	86	20' 0"	M
" "	87	10' 0"	M	" "	90	14' 0"	M	6/3 "	87	9' 0"	M
" "	91	24' 0"	M	" "	87	10' 0"	F	" "	86	17' 0"	F
" "	86	10' 0"	M	" "	88	14' 0"	M	" "	86	10' 0"	M
" "	92	12' 0"	M	" "	90	23' 0"	F	" "	85	20' 0"	M
" "	84	17' 4"	F	" "	88	7' 11"	F	" "	85	16' 0"	M
" "	83	23' 0"	M	" "	78	8' 4"	M	" "	83	17' 6"	F
" "	85	13' 3"	F	" "	75	11' 0"	M	7/3 "	73	17' 0"	F
" "	89	13' 2"	M	" "	83	14' 0"	F	" "	82	9' 0"	F
" "	79	22' 0"	F	" "	79	12' 0"	M	" "	86	8' 0"	F
" "	81	17' 0"	F	" "	82	16' 0"	M	" "	81	18' 0"	F
" "	84	9' 0"	M	" "	88	14' 0"	F	" "	77	10' 0"	F
" "	83	14' 0"	F	" "	82	15' 0"	M	" "	85	11' 0"	F
" "	83	6' 0"	M	" "	86	15' 0"	M	" "	87	15' 0"	F
" "	79	13' 0"	F	" "	77	12' 7"	F	" "	78	15' 0"	M
" "	83	17' 6"	F	1/3 "	80	10' 0"	F	3/3 "	85	11' 0"	M
" "	77	6' 8"	F	" "	85	15' 0"	F	" "	92	14' 0"	M
25 1/2 "	81	8' 0"	F	" "	84	{ 4' 0"	F	" "	82	15' 0"	M
" "	91	21' 0"	M	" "	84	{ 4' 0"	F	" "	86	20' 0"	M
" "	87	9' 0"	M	" "	100	23' 0"	F	9/3 "	85	20' 0"	F
" "	82	8' 0"	F	" "	91	12' 11"	F	" "	90	22' 0"	F
" "	87	11' 6"	F	" "	86	16' 10"	F	" "	90	20' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
9/3 49	88	16' 0"	M	14/3 49	80	18' 0"	F	19/3 49	85	15' 0"	F
" "	88	16' 0"	M	" "	85	16' 0"	F	" "	82	16' 0"	F
" "	80	12' 0"	M	" "	81	16' 0"	M	" "	85	14' 0"	F
10/3 "	81	11' 0"	M	" "	84	17' 0"	M	" "	84	16' 0"	F
" "	82	13' 0"	F	15/3 "	87	12' 10"	F	20/3 "	80	15' 0"	F
" "	73	13' 0"	M	" "	90	13' 10"	F	" "	84	15' 0"	M
" "	75	14' 0"	M	" "	90	14' 0"	F	" "	81	14' 0"	F
12/3 "	80	9' 0"	M	" "	90	22' 0"	M	" "	78	11' 10"	M
" "	90	14' 0"	M	" "	80	10' 0"	F	" "	80	21' 6"	F
" "	72	6' 0"	F	16/3 "	83	7' 0"	M	21/3 "	89	15' 0"	M
" "	83	14' 0"	M	" "	84	13' 0"	F	" "	83	18' 0"	F
" "	83	18' 0"	F	" "	93	15' 0"	M	22/3 "	82	10' 0"	M
" "	80	14' 0"	F	" "	85	10' 0"	F	" "	85	13' 0"	F
" "	86	5' 0"	M	" "	83	11' 0"	F	" "	88	24' 0"	F
" "	88	18' 0"	F	" "	83	15' 0"	M	" "	73	10' 0"	M
" "	85	14' 0"	F	" "	84	13' 8"	M	" "	85	18' 0"	F
" "	87	17' 0"	F	" "	89	24' 5"	F	" "	82	16' 0"	F
" "	83	15' 0"	M	" "	91	23' 7"	M	" "	81	15' 0"	M
" "	87	14' 7"	F	" "	85	17' 0"	M	23/3 "	84	18' 0"	F
13/3 "	86	12' 0"	M	17/3 "	85	7' 0"	M	" "	85	20' 0"	M
" "	83	10' 0"	F	" "	87	17' 0"	M	" "	88	17' 0"	F
" "	87	20' 0"	F	" "	86	15' 0"	F	" "	84	17' 0"	M
" "	88	18' 0"	F	" "	83	14' 0"	F	" "	86	15' 0"	F
" "	90	20' 0"	M	" "	95	20' 0"	F	" "	80	16' 0"	M
" "	88	11' 0"	F	" "	88	18' 2"	M	24/3 "	78	16' 0"	F
" "	77	12' 0"	F	" "	87	15' 0"	M	" "	85	15' 0"	F
" "	90	20' 0"	M	" "	81	15' 0"	M	" "	76	12' 0"	M
" "	84	19' 0"	M	" "	78	4' 2"	F	" "	84	18' 0"	F
" "	84	11' 0"	M	18/3 "	89	22' 0"	F	25/3 "	86	17' 0"	M
" "	85	23' 10"	M	" "	83	14' 0"	F	" "	84	15' 0"	M
" "	82	19' 3"	F	" "	89	14' 0"	F	" "	84	16' 0"	M
" "	80	15' 0"	M	" "	82	16' 0"	F	" "	83	17' 0"	M
" "	80	19' 0"	F	" "	82	17' 0"	F	" "	90	20' 0"	F
" "	79	13' 9"	M	" "	85	18' 0"	F	26/3 "	87	16' 0"	M
14/3 "	80	14' 0"	F	" "	85	17' 0"	F	" "	68	3' 0"	F
" "	86	15' 0"	M	" "	81	8' 0"	M	" "	82	18' 0"	F
" "	88	12' 0"	F	19/3 "	87	13' 0"	M	" "			
" "	84	14' 6"	F	" "	83	13' 0"	F				

Total 1,195 blue-whale foetuses, of which 621 males and 572 females. Sex was not stated for 2 foetuses. Of the 1,193 foetuses for which sex was stated, 52.05 per cent were males and 47.95 per cent females. 1 foetus was not found.

Fin-whale foetuses.

24/10 48	67	1' 6"	F	2/11 48	75	1' 0"	M	14/11 48	77	4' 0"	F
25/10 "	73	3' 0"	F	" "	70	4' 0"	M	" "	73	5' 0"	F
26/10 "	77	3' 6"	M	" "	84	3' 0"	M	15/11 "	69	0' 3"	M
" "	62	1' 10"	M	" "	70	3' 6"	F	" "	65	1' 6"	F
" "	74	3' 0"	F	" "	72	2' 0"	M	" "	69	2' 4"	F
28/10 "	72	2' 6"	F	3/11 "	61	0' 9"	M	18/11 "	76	1' 0"	M
29/10 "	78	4' 6"	M	7/11 "	69	2' 0"	M	20/11 "	65	3' 0"	F
" "	71	3' 6"	F	11/11 "	66	0' 6"	M	21/11 "	75	7' 0"	M
30/10 "	77	3' 0"	M	13/11 "	72	5' 0"	M	22/11 "	73	2' 0"	M
1/11 "	68	1' 6"	M	" "	67	4' 0"	M	23/11 "	68	3' 0"	F
2/11 "	67	2' 6"	M	14/11 "	66	4' 0"	M	" "	74	5' 0"	M
" "	68	3' 6"	F	" "	74	4' 0"	F	" "	74	3' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
24/11 48	69	3' 0"	M	16/12 48	70	6' 0"	M	20/12 48	71	5' 0"	F
25/11 "	63	4' 0"	F	" "	67	6' 0"	F	" "	69	5' 0"	F
27/11 "	67	5' 0"	M	" "	70	6' 5"	F	" "	75	8' 0"	M
28/11 "	69	4' 6"	M	17/12 "	73	5' 0"	F	" "	68	4' 0"	F
" "	73	2' 6"	M	" "	74	7' 0"	F	" "	70	6' 0"	F
30/11 "	74	8' 0"	M	" "	74	5' 0"	F	" "	69	8' 0"	F
1/12 "	70	5' 0"	M	" "	70	5' 0"	M	21/12 "	75	4' 0"	M
" "	77	6' 0"	M	" "	71	2' 0"	F	" "	71	1' 0"	F
2/12 "	73	4' 0"	M	" "	72	2' 6"	M	" "	74	4' 0"	M
" "	72	5' 0"	M	" "	73	5' 0"	M	" "	72	5' 0"	F
4/12 "	78	7' 0"	M	" "	72	6' 0"	M	" "	75	1' 6"	F
9/12 "	69	2' 0"	F	" "	72	3' 0"	F	" "	70	4' 0"	M
" "	70	1' 9"	M	" "	67	4' 0"	F	" "	76	3' 0"	F
" "	70	10' 0"	F	" "	75	4' 0"	F	" "	66	6' 0"	M
10/12 "	70	2' 0"	M	" "	81	7' 6"	F	" "	70	4' 0"	F
11/12 "	76	5' 0"	M	" "	72	9' 0"	M	" "	78	3' 0"	F
" "	75	2' 6"	M	" "	71	7' 0"	F	" "	71	5' 0"	F
" "	71	4' 0"	M	" "	71	4' 0"	M	" "	72	5' 0"	F
12/12 "	72	5' 0"	F	" "	69	7' 0"	F	" "	68	4' 0"	M
" "	78	6' 0"	F	" "	66	2' 0"	M	" "	75	3' 0"	M
14/12 "	71	4' 0"	F	" "	76	6' 0"	F	" "	72	5' 0"	F
" "	63	1' 0"	F	" "	77	2' 0"	M	" "	71	6' 0"	F
" "	72	1' 0"	M	" "	68	2' 7"	F	" "	73	4' 0"	F
15/12 "	73	6' 0"	F	18/12 "	73	4' 7"	M	" "	71	5' 0"	F
" "	70	8' 0"	M	" "	68	5' 0"	M	" "	71	9' 0"	F
" "	75	4' 0"	F	" "	71	2' 0"	F	22/12 "	71	5' 0"	F
" "	70	5' 0"	M	" "	70	4' 0"	F	" "	68	6' 0"	F
" "	72	6' 0"	F	" "	73	5' 0"	F	" "	68	6' 0"	F
" "	67	6' 0"	M	" "	76	4' 0"	F	" "	66	1' 0"	M
" "	65	4' 0"	M	" "	71	4' 0"	M	" "	70	8' 0"	F
" "	74	3' 0"	F	" "	75	2' 0"	M	" "	71	5' 0"	F
" "	78	3' 0"	F	" "	73	2' 6"	F	" "	65	5' 0"	M
" "	65	1' 5"	M	" "	74	5' 10"	M	" "	67	4' 0"	M
" "	69	5' 0"	F	19/12 "	68	1' 5"	M	" "	72	7' 0"	F
" "	72	1' 1"	M	" "	72	8' 0"	F	" "	74	5' 0"	F
" "	73	2' 0"	M	" "	75	3' 0"	M	" "	76	8' 0"	M
" "	71	5' 0"	M	" "	72	5' 0"	M	" "	72	5' 0"	M
" "	70	5' 0"	F	" "	72	5' 0"	F	" "	73	6' 0"	F
" "	71	3' 0"	M	" "	74	4' 0"	M	" "	69	1' 0"	F
" "	73	4' 0"	M	" "	67	3' 0"	F	" "	70	5' 0"	F
" "	76	7' 0"	M	" "	78	6' 0"	F	" "	70	5' 0"	F
" "	65	3' 0"	F	" "	75	2' 0"	F	" "	71	7' 0"	M
" "	70	7' 0"	M	" "	75	3' 0"	F	" "	73	5' 0"	F
" "	72	4' 0"	M	" "	75	6' 0"	M	23/12 "	71	4' 0"	M
16/12 "	71	5' 0"	M	" "	71	3' 0"	M	" "	75	3' 0"	F
" "	74	1' 6"	F	" "	70	2' 0"	F	" "	67	5' 0"	M
" "	75	0' 4"	F	" "	73	5' 0"	F	" "	74	3' 0"	M
" "	73	4' 0"	F	" "	69	3' 0"	F	" "	70	6' 0"	M
" "	77	5' 0"	M	" "	71	5' 0"	F	" "	70	5' 0"	M
" "	72	2' 7"	"	" "	73	5' 0"	F	" "	76	4' 0"	M
" "	75	6' 0"	F	" "	72	5' 8"	F	" "	70	6' 0"	F
" "	71	5' 0"	M	20/12 "	72	4' 0"	M	" "	73	3' 0"	M
" "	72	8' 0"	F	" "	70	3' 0"	M	" "	67	5' 0"	M
" "	72	5' 0"	M	" "	73	3' 0"	M	" "	72	3' 0"	M
" "	73	7' 0"	M	" "	78	4' 0"	M	" "	70	2' 0"	F
" "	72	3' 0"	F	" "	72	5' 0"	F	" "	75	6' 0"	F
" "	76	3' 0"	F	" "	76	6' 0"	M	" "	73	5' 11"	F
" "	73	2' 0"	M	" "	72	2' 0"	M	" "	71	1' 11"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
²³ / ₁₂ 48	73	10' 0"	F	²⁶ / ₁₂ 48	73	6' 0"	M	²³ / ₁₂ 48	74	4' 0"	M
" "	73	7' 0"	M	" "	76	11' 0"	F	" "	69	5' 0"	M
" "	77	6' 0"	M	" "	70	6' 0"	F	" "	70	8' 0"	M
" "	71	4' 0"	F	" "	70	8' 0"	M	" "	76	8' 0"	F
" "	70	5' 3"	F	" "	74	6' 7"	M	" "	71	5' 4"	F
" "	72	6' 11"	F	" "	77	7' 0"	M	" "	73	6' 0"	F
" "	72	4' 10"	M	" "	70	7' 0"	F	²⁹ / ₁₂ "	76	4' 0"	F
²⁴ / ₁₂ "	71	3' 0"	M	" "	71	7' 0"	F	" "	71	7' 0"	M
" "	72	3' 0"	F	" "	71	6' 0"	F	" "	69	5' 0"	F
" "	75	5' 0"	M	" "	68	3' 0"	F	" "	64	2' 0"	F
" "	78	7' 0"	F	" "	69	6' 0"	M	" "	70	4' 0"	F
" "	72	7' 0"	M	" "	66	1' 0"	F	" "	68	5' 0"	M
" "	73	6' 0"	F	" "	67	3' 0"	F	" "	74	7' 0"	M
" "	71	9' 0"	F	" "	72	6' 0"	F	" "	65	3' 0"	M
" "	76	4' 0"	M	" "	72	3' 6"	M	" "	74	4' 0"	F
" "	75	4' 0"	M	" "	74	4' 0"	M	" "	70	7' 0"	F
" "	71	6' 0"	M	" "	69	2' 0"	M	" "	68	1' 0"	M
" "	73	2' 1"	M	²⁷ / ₁₂ "	73	6' 0"	F	" "	74	7' 0"	F
" "	74	5' 6"	F	" "	73	6' 0"	M	" "	71	4' 0"	F
" "	73	7' 6"	F	" "	72	5' 0"	F	" "	71	6' 0"	F
" "	73	8' 0"	F	" "	68	4' 0"	F	" "	71	9' 0"	M
" "	67	3' 0"	M	" "	71	6' 0"	M	" "	70	7' 0"	F
" "	72	5' 7"	F	" "	72	5' 0"	F	" "	73	9' 0"	F
" "	72	4' 5"	M	" "	70	1' 0"	F	" "	68	2' 6"	F
" "	74	7' 4"	F	" "	74	6' 0"	F	" "	67	6' 0"	F
²⁵ / ₁₂ "	72	5' 0"	M	" "	70	5' 0"	M	" "	70	7' 0"	M
" "	73	4' 0"	F	" "	65	2' 0"	F	" "	70	7' 0"	F
" "	72	3' 0"	F	" "	76	4' 0"	M	" "	68	5' 0"	F
" "	74	3' 0"	M	" "	68	4' 3"	M	" "	65	4' 0"	F
" "	71	2' 0"	F	" "	74	2' 6"	F	" "	67	5' 0"	M
" "	70	4' 0"	M	" "	74	8' 0"	M	" "	73	4' 0"	M
" "	81	4' 0"	M	" "	72	4' 0"	F	" "	73	5' 0"	F
" "	72	7' 0"	M	" "	70	5' 0"	F	" "	80	1' 0"	F
" "	70	1' 0"	M	" "	70	6' 0"	M	" "	70	7' 0"	F
" "	72	6' 0"	M	" "	75	3' 0"	F	" "	75	5' 2"	M
" "	73	2' 0"	F	" "	72	6' 0"	M	³⁰ / ₁₂ "	72	5' 0"	F
" "	76	7' 0"	M	" "	69	1' 0"	M	" "	69	5' 0"	M
" "	72	4' 3"	M	" "	70	5' 0"	F	" "	74	7' 0"	F
" "	72	6' 6"	M	" "	74	3' 0"	M	" "	73	1' 6"	F
" "	69	4' 2"	F	" "	76	8' 0"	F	" "	73	7' 0"	M
" "	71	4' 5"	M	²⁸ / ₁₂ "	68	3' 0"	M	" "	74	9' 0"	F
" "	73	6' 0"	M	" "	72	7' 0"	M	" "	78	5' 0"	M
" "	74	4' 0"	M	" "	79	5' 0"	F	" "	70	10' 0"	F
" "	70	4' 0"	M	" "	74	4' 0"	M	" "	70	3' 0"	M
" "	75	7' 0"	F	" "	73	4' 0"	M	" "	77	6' 0"	M
²⁶ / ₁₂ "	76	1' 0"	M	" "	64	3' 0"	F	" "	70	5' 0"	M
" "	76	2' 0"	F	" "	75	3' 0"	F	" "	73	4' 0"	M
" "	73	3' 0"	F	" "	71	3' 0"	F	" "	69	5' 0"	F
" "	74	1' 0"	M	" "	73	1' 0"	F	" "	72	6' 0"	F
" "	68	1' 4"	F	" "	70	5' 0"	M	" "	68	4' 0"	F
" "	72	1' 5"	M	" "	75	9' 0"	M	" "	69	7' 0"	M
" "	66	1' 3"	F	" "	74	7' 0"	M	" "	72	7' 0"	F
" "	73	6' 0"	M	" "	71	5' 0"	F	" "	71	6' 0"	F
" "	74	4' 0"	M	" "	70	1' 6"	M	" "	70	4' 6"	M
" "	68	5' 0"	F	" "	74	6' 6"	F	" "	64	2' 6"	M
" "	71	7' 0"	F	" "	66	4' 0"	F	" "	65	7' 0"	F
" "	70	2' 0"	F	" "	73	7' 1"	F	" "	69	5' 0"	F
" "	70	2' 0"	F	" "	79	1' 0"	M	" "	67	8' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
³⁰ / ₁₂ 48	69	6'0"	M	¹ / ₁ 49	70	6'6"	F	³ / ₁ 49	65	12'0"	M
" "	70	9'0"	F	" "	73	6'0"	F	" "	63	3'0"	F
" "	76	5'0"	F	" "	72	10'0"	F	" "	74	2'0"	F
" "	78	6'0"	F	" "	72	8'0"	F	" "	71	6'0"	M
" "	71	1'6"	F	" "	77	4'0"	M	" "	74	7'0"	F
" "	75	9'0"	F	" "	75	7'3"	M	" "	75	2'6"	F
" "	73	5'0"	F	" "	72	8'0"	M	" "	66	4'0"	M
" "	68	1'0"	F	² / ₁ "	78	7'2"	F	" "	76	1'0"	F
" "	71	2'0"	M	" "	70	2'10"	F	" "	73	10'0"	F
" "	69	3'6"	M	" "	70	5'0"	F	" "	74	7'0"	F
" "	71	6'0"	M	" "	63	2'1"	M	" "	66	3'5"	F
" "	74	7'0"	F	" "	66	2'0"	F	" "	68	4'9"	F
" "	73	4'6"	F	" "	73	2'0"	M	" "	76	5'9"	F
" "	73	3'0"	F	" "	73	6'0"	M	" "	73	2'10"	M
" "	70	5'0"	M	" "	68	10'0"	F	" "	70	6'10"	F
" "	72	9'0"	M	" "	72	2'0"	M	" "	68	5'6"	M
³¹ / ₁₂ "	74	4'0"	F	" "	70	5'0"	F	⁴ / ₁ "	73	7'0"	M
" "	73	10'0"	F	" "	71	0'10"	M	" "	68	7'0"	F
" "	75	8'0"	M	" "	68	2'0"	M	" "	74	1'0"	F
" "	73	2'0"	F	" "	78	7'0"	F	" "	75	8'0"	F
" "	73	7'0"	M	" "	79	3'0"	F	" "	71	6'0"	M
" "	73	6'0"	F	" "	72	5'0"	F	" "	67	5'0"	M
" "	76	8'0"	M	" "	70	5'0"	M	" "	72	8'0"	M
" "	75	6'0"	M	" "	72	7'0"	M	" "	78	5'0"	M
" "	66	4'0"	F	" "	74	6'0"	F	" "	68	6'0"	F
" "	69	0'6"	M	" "	71	6'0"	M	" "	65	4'0"	F
" "	68	6'0"	F	" "	70	9'0"	F	" "	70	5'0"	F
" "	73	9'0"	M	" "	72	6'0"	M	" "	70	7'0"	M
" "	70	5'0"	F	" "	79	7'0"	F	" "	79	7'0"	F
" "	70	4'0"	F	" "	71	7'0"	F	" "	77	5'0"	M
" "	72	6'6"	F	" "	70	8'0"	M	" "	75	4'0"	M
" "	73	7'0"	M	" "	74	3'0"	F	" "	71	5'0"	M
" "	72	8'0"	M	" "	73	6'6"	F	" "	80	7'0"	M
" "	71	5'0"	M	" "	75	7'0"	F	" "	76	4'0"	F
" "	74	8'0"	F	" "	75	9'0"	F	" "	62	4'0"	F
" "	72	3'6"	M	" "	74	7'0"	F	" "	75	6'0"	M
" "	71	7'0"	M	" "	72	4'0"	M	" "	71	6'0"	F
" "	72	7'0"	F	" "	72	3'0"	F	" "	75	1'6"	M
" "	70	5'0"	F	" "	74	4'3"	F	" "	72	6'0"	F
" "	76	8'0"	M	" "	71	3'0"	F	" "	75	4'0"	M
" "				" "	72	3'7"	F	" "	67	8'0"	F
¹ / ₁ 49	72	7'0"	M	³ / ₁ "	74	6'0"	M	" "	71	5'0"	F
" "	68	3'0"	F	" "	74	9'0"	M	" "	70	3'0"	M
" "	73	7'0"	M	" "	74	{11'0"	M	" "	73	3'0"	M
" "	76	5'0"	F	" "	78	{11'0"	M	" "	72	7'0"	F
" "	70	4'0"	F	" "	76	0'1"	M	⁵ / ₁ "	76	6'0"	F
" "	69	7'0"	F	" "	71	6'0"	F	" "	74	7'0"	M
" "	70	6'0"	F	" "	73	6'0"	F	" "	72	4'0"	F
" "	75	7'0"	M	" "	69	8'0"	M	" "	69	5'0"	M
" "	73	5'0"	F	" "	73	3'0"	M	" "	75	7'0"	F
" "	73	6'0"	M	" "	75	7'0"	F	" "	78	8'0"	F
" "	75	5'0"	M	" "	71	{7'0"	F	" "	73	7'0"	M
" "	71	3'6"	M	" "	72	{6'0"	M	" "	75	2'3"	F
" "	65	4'0"	M	" "	72	3'0"	F	" "	71	5'0"	M
" "	72	5'0"	M	" "	75	9'0"	M	" "	70	5'0"	M
" "	71	6'0"	M	" "	68	5'0"	F	" "	75	7'0"	F
" "	76	7'0"	F	" "	77	7'0"	F	" "	75	3'0"	M
" "	75	5'0"	M	" "	76	6'0"	F	" "	72	7'0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
⁵ / ₁ 49	72	6' 0"	F	⁷ / ₁ 49	71	4' 0"	F	⁸ / ₁ 49	71	0' 10"	M
" "	76	5' 0"	M	" "	76	5' 0"	F	" "	71	5' 0"	M
" "	71	5' 0"	F	" "	72	7' 0"	F	" "	72	4' 0"	M
" "	69	3' 0"	M	" "	74	7' 0"	M	" "	76	3' 0"	M
" "	73	5' 0"	F	" "	70	4' 0"	F	" "	73	7' 0"	F
" "	76	7' 0"	F	" "	71	0' 5"	M	" "	70	7' 0"	F
" "	80	10' 0"	F	" "	72	8' 0"	F	" "	63	1' 6"	F
" "	75	6' 0"	M	" "	72	8' 0"	M	" "	70	4' 4"	M
" "	76	5' 0"	F	" "	72	11' 0"	M	" "	71	2' 3"	M
" "	77	6' 0"	F	" "	67	4' 0"	F	" "	70	4' 6"	F
" "	78	6' 0"	F	" "	65	4' 0"	M	" "	67	5' 0"	F
" "	73	4' 0"	F	" "	65	3' 0"	F	" "	75	7' 0"	F
" "	75	7' 0"	M	" "	71	4' 0"	F	" "	72	4' 0"	M
" "	67	6' 0"	M	" "	76	6' 0"	M	⁹ / ₁ "	76	5' 0"	M
" "	70	2' 6"	F	" "	75	10' 0"	M	" "	70	10' 0"	F
" "	76	4' 0"	F	" "	67	5' 0"	M	" "	74	4' 0"	F
" "	74	4' 0"	M	" "	73	8' 0"	F	" "	75	10' 0"	F
" "	70	1' 6"	M	" "	70	7' 0"	M	" "	67	6' 0"	F
" "	72	9' 0"	M	" "	73	8' 0"	F	" "	72	6' 0"	M
" "	65	5' 0"	F	" "	67	5' 0"	F	" "	69	5' 0"	F
" "	70	7' 6"	M	" "	67	5' 0"	M	" "	72	0' 10"	F
" "	61	8' 4"	F	" "	73	8' 0"	M	" "	71	6' 0"	M
" "	71	6' 2"	M	" "	71	8' 0"	M	" "	73	5' 0"	F
⁶ / ₁ "	68	7' 0"	M	" "	73	9' 0"	M	" "	73	8' 0"	M
" "	67	6' 0"	F	" "	70	3' 0"	M	" "	70	6' 0"	M
" "	75	5' 0"	M	" "	70	3' 0"	M	" "	73	7' 0"	F
" "	76	8' 0"	M	" "	75	1' 6"	M	" "	73	6' 0"	M
" "	77	10' 0"	M	" "	69	5' 0"	M	" "	75	3' 0"	M
" "	74	4' 0"	F	" "	73	5' 6"	F	" "	69	6' 0"	M
" "	76	3' 0"	F	" "	72	2' 6"	F	" "	74	8' 0"	M
" "	70	4' 1"	F	" "	77	7' 0"	M	" "	76	5' 0"	F
" "	73	8' 0"	F	⁸ / ₁ "	68	8' 0"	F	" "	69	5' 0"	F
" "	73	6' 6"	M	" "	63	5' 0"	F	" "	68	1' 0"	M
" "	74	5' 0"	M	" "	70	8' 0"	F	" "	65	7' 0"	M
" "	75	5' 0"	M	" "	71	7' 0"	M	" "	70	6' 0"	F
" "	72	0' 6"	M	" "	74	6' 6"	F	" "	74	8' 0"	M
" "	71	7' 0"	M	" "	76	3' 0"	F	" "	77	9' 0"	F
" "	70	5' 0"	F	" "	75	5' 0"	F	" "	65	7' 0"	F
" "	70	8' 0"	F	" "	72	8' 0"	M	" "	62	1' 7"	M
" "	73	7' 0"	M	" "	76	2' 0"	F	" "	69	8' 6"	F
" "	71	5' 0"	F	" "	74	5' 0"	M	" "	69	5' 0"	F
" "	68	7' 0"	M	" "	76	7' 0"	F	" "	69	5' 0"	F
" "	68	22' 0"	F	" "	68	5' 0"	M	¹⁰ / ₁ "	69	2' 0"	M
" "	68	6' 0"	M	" "	68	5' 0"	F	" "	73	8' 0"	F
" "	73	4' 0"	M	" "	75	6' 0"	F	" "	72	5' 0"	F
" "	81	1' 6"	M	" "	78	11' 0"	F	" "	65	7' 0"	F
" "	72	7' 0"	F	" "	72	8' 0"	F	" "	71	6' 0"	M
" "	75	12' 0"	M	" "	74	7' 0"	F	" "	67	4' 0"	F
" "	70	4' 0"	F	" "	75	5' 0"	F	" "	71	5' 6"	M
" "	73	9' 0"	M	" "	74			" "	68	5' 0"	M
" "	75	3' 6"	F	" "	77	7' 0"	M	" "	66	2' 2"	M
" "	75	4' 0"	F	" "	72	6' 0"	M	" "	67	1' 1"	
" "	76	6' 6"	F	" "	68	7' 0"	M	" "	67	5' 0"	M
" "	67	5' 0"	M	" "	73	6' 0"	M	" "	71	8' 0"	M
" "	69	6' 0"	M	" "	72	5' 0"	M	" "	67	4' 0"	M
" "	74	7' 3"	M	" "	72	5' 0"	M	" "	69	5' 0"	M
⁷ / ₁ "	78	15' 0"	M	" "	73	5' 0"	F	" "	79	9' 0"	M
" "	70	3' 0"	F	" "	68	3' 0"	F	" "	78	4' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
¹⁰ / ₁ 49	73	2' 0"	M	¹¹ / ₁ 49	68	2' 0"	M	¹² / ₁ 49	77	6' 0"	M
" "	77	8' 0"	F	" "	71	5' 0"	M	" "	73	6' 0"	M
" "	74	2' 0"	F	" "	70	2' 0"	M	" "	75	9' 0"	F
" "	73	8' 0"	F	" "	76	10' 0"	M	" "	69	3' 0"	M
" "	71	6' 0"	F	" "	72	3' 0"	M	" "	72	8' 6"	M
" "	66	9' 0"	M	" "	72	2' 0"	F	" "	77	10' 0"	F
" "	71	6' 0"	M	" "	69	3' 0"	M	" "	70	9' 0"	M
" "	77	6' 0"	F	" "	74	7' 6"	M	" "	73	9' 2"	M
" "	68	5' 0"	F	" "	70	7' 0"	M	" "	76	9' 0"	M
" "	75	6' 0"	F	" "	71	4' 0"	M	" "	72	7' 0"	M
" "	67	8' 0"	F	" "	71	8' 0"	M	" "	73	4' 10"	M
" "	75	2' 0"	M	" "	73	8' 0"	M	" "	74	4' 2"	M
" "	72	10' 0"	F	" "	69	6' 0"	F	" "	69	7' 2"	F
" "	72	3' 0"	F	" "	77	5' 0"	M	¹³ / ₁ "	76	6' 0"	M
" "	70	6' 0"	F	" "	68	5' 1"	M	" "	70	6' 0"	F
" "	65	5' 0"	F	¹² / ₁ "	67	5' 0"	M	" "	76	8' 0"	M
" "	75	9' 0"	F	" "	67	6' 0"	M	" "	73	9' 0"	M
" "	76	6' 0"	M	" "	62	5' 0"	F	" "	73	4' 0"	M
" "	72	8' 0"	F	" "	76	2' 0"	F	" "	72	7' 0"	F
" "	73	4' 0"	M	" "	74	6' 0"	M	" "	68	4' 0"	M
" "	73	9' 0"	F	" "	72	4' 0"	F	" "	72	3' 0"	M
" "	68	5' 0"	M	" "	74	3' 4"	M	" "	71	5' 0"	M
" "	74	7' 0"	F	" "	70	12' 0"	F	" "	74	4' 0"	F
" "	67	6' 6"	F	" "	71	7' 5"	F	" "	73	8' 0"	F
" "	73	7' 0"	F	" "	71	9' 0"	M	" "	74	9' 6"	M
" "	71	3' 6"	F	" "	68	5' 0"	M	" "	76	11' 3"	F
" "	69	7' 0"	F	" "	73	5' 0"	F	" "	69	5' 0"	F
" "	68	8' 0"	F	" "	68	1' 0"	M	" "	74	8' 0"	M
" "	64	3' 0"	F	" "	72	14' 0"	F	" "	72	9' 0"	F
" "	74	9' 3"	F	" "	77	0' 9"	M	" "	78	5' 0"	M
¹¹ / ₁ "	74	5' 0"	F	" "	69	3' 0"	F	" "	72	7' 0"	M
" "	73	5' 0"	F	" "	81	3' 0"	M	" "	72	6' 0"	M
" "	74	3' 0"	F	" "	76	6' 0"	M	" "	70	5' 0"	F
" "	70	7' 0"	F	" "	73	9' 0"	F	" "	73	7' 0"	M
" "	69	4' 0"	M	" "	76	8' 0"	F	" "	74	5' 0"	M
" "	73	8' 0"	M	" "	73	10' 0"	F	" "	73	5' 0"	F
" "	74	7' 0"	M	" "	75	9' 0"	F	" "	73	3' 0"	M
" "	71	8' 0"	M	" "	71	2' 0"	M	" "	72	7' 0"	M
" "	71	5' 0"	M	" "	67	3' 0"	F	" "	72	5' 0"	M
" "	74	8' 0"	F	" "	72	8' 0"	F	" "	70	8' 0"	F
" "	68	6' 0"	F	" "	70	2' 0"	F	" "	77	8' 0"	M
" "	70	4' 0"	M	" "	75	2' 0"	F	" "	73	7' 0"	M
" "	72	4' 0"	M	" "	72	6' 0"	M	" "	68	3' 0"	M
" "	73	9' 0"	F	" "	72			" "	76	8' 0"	M
" "	69	3' 0"	M	" "	76			" "	76	6' 0"	F
" "	78	7' 0"	F	" "	71	4' 0"	F	" "	69	5' 0"	M
" "	75	7' 0"	F	" "	71	7' 0"	F	" "	74	12' 0"	M
" "	75	10' 0"	M	" "	63	4' 0"	F	" "	73	6' 0"	M
" "	73	7' 0"	M	" "	75	2' 0"	M	¹⁴ / ₁ "	69	5' 0"	M
" "	76	7' 0"	F	" "	79	8' 0"	F	" "	69	4' 0"	F
" "	71			" "	66	4' 0"	F	" "	73	4' 0"	F
" "	72	9' 0"	M	" "	74	10' 0"	M	" "	73	5' 0"	F
" "	71	7' 0"	F	" "	79	5' 0"	M	" "	76	6' 0"	M
" "	76	6' 0"	M	" "	70	6' 0"	F	" "	76	7' 0"	F
" "	73	4' 0"	M	" "	80	8' 0"	M	" "	75	3' 0"	M
" "	70	12' 0"	F	" "	74	10' 0"	F	" "	70	6' 0"	F
" "	74	12' 0"	M	" "	78	12' 0"	M	" "	71	7' 0"	F
" "	71	9' 0"	F	" "	77	9' 0"	M	" "	70	7' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
14/1 49	67	6' 0"	F	16/1 49	74	5' 0"	M	18/1 49	79	4' 0"	M
" "	68	4' 0"	M	" "	77	11' 0"	F	" "	74	2' 3"	M
" "	73	10' 0"	M	" "	71	7' 0"	F	" "	67	1' 2"	M
" "	71	5' 0"	F	" "	70	7' 0"	M	" "	72	6' 0"	F
" "	67	4' 0"	F	" "	78	5' 0"	M	" "	68	7' 0"	F
" "	69	7' 0"	F	" "	73	9' 0"	F	" "	76	2' 0"	F
" "	73	7' 0"	M	" "	75	8' 0"	M	" "	72	9' 0"	F
" "	76	6' 0"	M	" "	67	11' 0"	F	" "	68	5' 0"	F
" "	74	7' 0"	F	" "	73	9' 0"	F	" "	75	3' 0"	M
" "	70	5' 0"	F	" "	74	7' 0"	M	" "	72	6' 0"	M
" "	69	6' 0"	M	" "	74	5' 0"	M	" "	74	9' 0"	F
" "	73	9' 0"	M	" "	73	10' 0"	M	" "	66	2' 0"	F
" "	74	6' 0"	M	" "	69	6' 0"	M	" "	69	3' 0"	M
" "	70	9' 0"	M	" "	73	8' 0"	M	" "	74	2' 0"	F
" "	71	7' 0"	M	" "	72	7' 6"	M	" "	74	6' 0"	F
" "	77	5' 0"	F	" "	71	6' 0"	M	" "	72	7' 0"	F
" "	74	7' 0"	F	" "	76	9' 0"	F	" "	76	9' 0"	F
" "	71	8' 0"	F	12/1 "	68	8' 0"	F	" "	75		
" "	71	2' 6"	M	" "	74	6' 0"	F	" "	68	5' 0"	M
" "	75	6' 0"	F	" "	73	12' 0"	M	" "	68	6' 0"	F
" "	68	6' 3"	M	" "	74	4' 0"	F	" "	68	5' 0"	F
" "	71	8' 3"	F	" "	75	5' 0"	M	" "	73	6' 0"	F
" "	71	8' 0"	M	" "	76	7' 0"	M	" "	71	11' 0"	M
" "	76	4' 10"	F	" "	73	10' 0"	M	" "	68	4' 0"	F
15/1 "	76	6' 0"	F	" "	69	6' 0"	M	" "	72	6' 0"	M
" "	71	6' 0"	M	" "	75	8' 0"	F	" "	70	9' 0"	M
" "	72	4' 0"	M	" "	72	10' 0"	F	" "	63	5' 0"	F
" "	70	7' 0"	M	" "	72	5' 0"	F	" "	61	2' 0"	M
" "	75	10' 0"	M	" "	76	2' 0"	F	" "	68	6' 0"	M
" "	73	7' 0"	M	" "	72	12' 0"	M	" "	69	4' 0"	M
" "	72	9' 0"	F	" "	71	9' 0"	M	" "	63	5' 0"	F
" "	71	10' 0"	M	" "	72	6' 0"	M	" "	69	7' 0"	M
" "	74	11' 0"	M	" "	71	4' 0"	M	" "	75	8' 0"	M
" "	66	5' 0"	M	" "	72	12' 0"	M	" "	70	4' 0"	M
" "	72	7' 0"	F	" "	69	5' 0"	F	" "	69	4' 0"	M
" "	67	2' 0"	M	" "	71	2' 0"	F	" "	72	10' 0"	F
" "	70	5' 0"	M	" "	73	9' 0"	F	" "	73	8' 6"	M
" "	67	5' 0"	M	" "	74	9' 0"	M	19/1 "	68	10' 0"	F
" "	68	2' 0"	F	" "	70	3' 0"	M	" "	72	10' 0"	F
" "	76	6' 0"	F	" "	76	7' 0"	F	" "	72	9' 0"	F
" "	70	7' 0"	F	" "	75	4' 0"	M	" "	61	10' 0"	M
" "	75	9' 0"	M	" "	74	10' 0"	F	" "	75	7' 0"	M
" "	74	10' 0"	M	" "	72	7' 0"	F	" "	72	8' 0"	M
" "	74	7' 0"	M	18/1 "	62	5' 0"	M	" "	77	7' 0"	M
" "	71	6' 6"	M	" "	73	7' 6"	F	" "	76	6' 0"	F
" "	73	10' 0"	M	" "	69	6' 0"	F	" "	70	8' 0"	F
" "	69	1' 0"	M	" "	72	7' 0"	F	" "	69	4' 0"	M
16/1 "	74	13' 6"	F	" "	69	6' 0"	M	" "	70	8' 0"	F
" "	70	6' 0"	M	" "	75	10' 0"	F	" "	73	6' 0"	F
" "	65	3' 0"	F	" "	76	12' 0"	M	" "	70	7' 0"	M
" "	69	1' 0"	F	" "	76	5' 0"	F	" "	72	4' 0"	F
" "	74	8' 0"	M	" "	77	9' 0"	F	" "	73	4' 0"	F
" "	69	3' 0"	M	" "	72	7' 0"	M	" "	75	7' 0"	F
" "	65	6' 0"	F	" "	76	7' 0"	F	" "	70	6' 0"	M
" "	71	1' 0"	M	" "	72	10' 0"	M	" "	70	6' 0"	M
" "	73	3' 0"	F	" "	76	9' 0"	F	" "	70	6' 9"	M
" "	72	1' 0"	M	" "	70	2' 0"	F	" "	72	8' 2"	F
" "	71	8' 0"	M	" "	74	8' 6"	F	" "	75	5' 3"	F

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

Date when measured	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19/1 49	69	5'3"	M	20/1 49	71	6'0"	M	22/1 49	74	14'0"	F
" "	71	5'0"	F	" "	73	4'0"	F	" "	75	8'0"	M
" "	70	8'7"	F	" "	70	4'0"	F	" "	68	8'0"	F
" "	71	5'0"	F	" "	74	12'0"	M	" "	75	8'0"	M
" "	73	7'0"	F	" "	75	5'0"	F	" "	75	2'6"	F
" "	70	5'0"	M	" "	63	3'0"	M	" "	74	7'6"	F
" "	75	7'0"	F	" "	71	6'0"	F	" "	72	9'0"	F
" "	73	11'0"	F	" "	70	8'0"	F	" "	70	8'0"	F
" "	75	8'0"	M	" "	75	11'0"	M	" "	75	1'11"	M
" "	70	5'0"	M	" "	67	5'0"	F	23/1	71	6'0"	F
" "	78	9'0"	F	" "	74	5'0"	M	" "	73	2'0"	F
" "	70	6'0"	M	" "	73	8'0"	M	" "	74	5'0"	F
" "	71	1'0"	F	" "	78	8'0"	M	" "	75	6'0"	F
" "	75	3'0"	F	" "	65	1'0"	M	" "	73	14'0"	F
" "	77	4'0"	F	" "	71	7'0"	M	" "	70	3'0"	M
" "	67	5'0"	M	" "	73	8'0"	M	" "	76	5'0"	F
" "	73	10'0"	M	" "	63	5'0"	M	" "	73	2'0"	M
" "	66	3'0"	F	" "	69	3'0"	M	" "	70	3'0"	M
" "	67	7'0"	F	" "	79	9'0"	M	" "	73	2'0"	M
" "	70	7'0"	F	" "	74	10'9"	F	" "	77	9'0"	F
" "	70	6'0"	M	" "	76	10'0"	F	" "	73	8'0"	F
" "	72	3'0"	F	" "	75	5'0"	F	" "	75	4'0"	F
" "	69	6'0"	M	" "	72	6'0"	M	" "	72	4'0"	F
20/1	77	7'0"	M	" "	74	6'0"	F	" "	76	8'0"	M
" "	68	6'0"	F	" "	77	10'0"	F	" "	69	6'0"	M
" "	75	10'0"	F	" "	78	10'0"	M	" "	74	8'0"	F
" "	75	9'0"	F	" "	74	8'0"	F	" "	74	8'0"	F
" "	75	5'0"	M	" "	75	4'0"	F	" "	67	4'0"	M
" "	76	5'0"	M	" "	74	6'0"	F	" "	75	6'0"	M
" "	68	3'0"	F	" "	71	6'0"	F	" "	76	8'1"	F
" "	73	11'0"	M	" "	74	9'6"	F	" "	73	10'3"	M
" "	70	6'0"	M	" "	74	5'0"	M	" "	72	4'0"	F
" "	73	6'0"	M	" "	73	8'4"	M	" "	76	10'0"	F
" "	71	8'0"	M	" "	69	5'1"	M	" "	78	12'0"	M
" "	71	5'0"	M	" "	71	4'7"	F	" "	71	8'0"	M
" "	70	3'0"	M	22/1	74	9'0"	F	" "	66	7'0"	M
" "	74	2'0"	F	" "	67	6'0"	F	" "	67	5'0"	M
" "	71	3'0"	F	" "	70	3'0"	M	" "	72	9'0"	F
" "	67	7'0"	F	" "	78	8'0"	M	" "	70	5'0"	M
" "	73	4'0"	F	" "	78	6'0"	M	" "	73	6'0"	F
" "	73	9'9"	F	" "	74	8'0"	F	" "	72	8'0"	F
" "	72	13'1"	M	" "	70	6'0"	M	" "	69	11'0"	F
" "	76	11'0"	M	" "	71	5'0"	F	" "	73	8'0"	F
" "	72	7'0"	F	" "	72	6'0"	F	" "	70	10'0"	M
" "	75	11'0"	M	" "	73	8'0"	F	" "	72	9'0"	M
" "	74	9'0"	M	" "	71	5'0"	F	" "	69	7'0"	F
" "	72	12'0"	F	" "	76	8'0"	F	" "	68	8'0"	F
" "	72	7'0"	M	" "	66	6'0"	M	" "	74	8'0"	F
" "	79	9'0"	M	" "	75	2'4"	M	" "	72	10'6"	F
" "	69	5'0"	M	" "	71	8'0"	M	" "	73	6'6"	F
" "	66	5'0"	F	" "	78	4'0"	M	" "	70	4'0"	F
" "	72	7'0"	M	" "	78	9'0"	F	" "	75	9'0"	F
" "	73	3'0"	F	" "	70	6'0"	M	" "	74	10'0"	M
" "	73	8'0"	M	" "	75	3'0"	M	" "	72	10'0"	M
" "	71	6'0"	M	" "	75	9'0"	F	" "	70	6'0"	M
" "	72	12'0"	F	" "	71	6'0"	F	" "	73	6'0"	M
" "	68	9'0"	M	" "	71	3'0"	F	" "	73	6'8"	M
" "	70	6'0"	F	" "	80	9'0"	M	24/1	66	8'0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
24/1 49	69	9' 0"	F	25/1 49	74	14' 2"	F	27/1 49	71	7' 0"	M
" "	72	7' 0"	M	" "	75	16' 4"	M	" "	71	8' 0"	F
" "	73	4' 0"	F	" "	76	8' 0"	M	" "	69	3' 0"	M
" "	76	5' 0"	M	" "	74	8' 0"	M	" "	74	11' 0"	F
" "	71	6' 0"	M	" "	72	10' 0"	M	" "	68	7' 0"	M
" "	68	9' 0"	F	" "	71	3' 0"	F	" "	73	8' 0"	M
" "	75	7' 0"	F	" "	73	9' 6"	F	" "	73	4' 0"	F
" "	72	7' 0"	M	" "	71	8' 5"	M	" "	76	6' 0"	M
" "	72	6' 0"	F	26/1 "	72	6' 0"	F	" "	69	2' 0"	M
" "	71	8' 0"	M	" "	80	15' 0"	F	" "	70	4' 0"	M
" "	76	7' 0"	M	" "	72	12' 0"	M	" "	72	3' 0"	M
" "	70	4' 0"	F	" "	69	9' 0"	F	" "	72	8' 0"	F
" "	76	4' 0"	F	" "	68	5' 0"	M	" "	67	2' 6"	F
" "	72	6' 3"	M	" "	72	9' 0"	F	" "	73	8' 0"	M
" "	82	7' 3"	F	" "	72	11' 0"	M	" "	70	11' 0"	M
" "	72	9' 0"	M	" "	70	2' 0"	M	" "	70	8' 2"	F
" "	72	9' 0"	M	" "	72	5' 0"	M	28/1 "	73	6' 0"	M
" "	77	8' 0"	M	" "	73	2' 0"	F	" "	73	7' 0"	M
" "	73	9' 0"	M	" "	76	6' 0"	F	" "	73	6' 0"	F
" "	66	1' 0"	F	" "	70	7' 6"	F	" "	71	8' 0"	F
" "	70	12' 0"	F	" "	70	8' 0"	F	" "	70	4' 0"	M
" "	73	3' 0"	F	" "	70	13' 0"	M	" "	72	13' 0"	F
" "	69	10' 0"	M	" "	73	5' 0"	F	" "	71	4' 0"	F
" "	73	10' 0"	F	" "	74	11' 0"	M	" "	80	9' 0"	F
" "	70	5' 0"	F	" "	72	2' 0"	M	" "	73	8' 0"	M
" "	75	9' 6"	F	" "	74	10' 0"	M	" "	66	8' 0"	F
" "	76	4' 6"	M	" "	69	7' 0"	F	" "	71	10' 0"	F
" "	70	7' 0"	M	" "	67	7' 0"	F	" "	70	7' 0"	F
" "	70	2' 6"	M	" "	75	9' 0"	F	" "	70	6' 0"	F
" "	71	7' 6"	F	" "	74	7' 0"	M	" "	74	4' 0"	M
" "	73	10' 0"	M	" "	76	12' 0"	M	" "	59	4' 0"	F
" "	73	6' 6"	F	" "	67	5' 0"	M	" "	74	8' 0"	M
" "	71	9' 6"	F	" "	72	10' 0"	F	" "	71	2' 0"	F
" "	75	6' 0"	M	" "	72	7' 0"	F	" "	77	8' 0"	M
" "	68	6' 0"	M	" "	68	4' 0"	F	" "	74	5' 0"	M
" "	68	8' 0"	F	" "	72	9' 0"	M	" "	71	7' 0"	M
" "	75	11' 4"	F	" "	71	7' 0"	M	" "	76	2' 0"	F
" "	73	7' 0"	F	" "	73	11' 0"	M	" "	67	6' 0"	M
" "	71	7' 4"	M	" "	72	8' 0"	M	" "	72	5' 0"	F
25/1 "	73	8' 0"	F	" "	68	7' 0"	F	" "	73	8' 0"	M
" "	72	3' 0"	M	" "	70	5' 0"	M	" "	68	7' 0"	M
" "	72	4' 0"	F	27/1 "	75	11' 0"	M	" "	73	10' 6"	F
" "	71	5' 0"	F	" "	73	2' 0"	M	" "	70	7' 0"	F
" "	70	6' 0"	F	" "	68	5' 0"	M	" "	76	10' 0"	M
" "	74	10' 0"	F	" "	73	10' 0"	F	" "	71	10' 3"	F
" "	70	11' 0"	M	" "	78	8' 0"	M	" "	72	8' 6"	M
" "	74	7' 0"	F	" "	68	5' 0"	M	" "	76	7' 6"	F
" "	70	3' 0"	M	" "	72	5' 0"	F	" "	76	7' 0"	F
" "	78	11' 0"	F	" "	71	11' 0"	M	" "	70	2' 0"	F
" "	71	7' 0"	F	" "	71	4' 0"	M	" "	76	9' 0"	F
" "	67	4' 0"	F	" "	73	10' 0"	F	" "	70	7' 0"	F
" "	71	7' 0"	M	" "	72	7' 0"	M	" "	71	4' 0"	F
" "	76	5' 0"	M	" "	72	9' 11"	F	" "	70	8' 0"	F
" "	73	2' 0"	M	" "	71	9' 3"	M	" "	76	6' 0"	F
" "	77	13' 0"	M	" "	76	12' 4"	F	" "	74	3' 0"	F
" "	71	5' 6"	F	" "	71	8' 3"	M	" "	72	9' 0"	F
" "	70	1' 1"	F	" "	81	5' 0"	F	29/1 "	76	6' 0"	F
" "	73	6' 7"	M	" "	67	5' 0"	F	" "	71	9' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
29/1 49	75	11' 0"	M	30/1 49	72	6' 0"	M	1/2 49	68	6' 4"	M
" "	74	10' 0"	M	" "	68	3' 0"	M	" "	73	10' 5"	M
" "	69	4' 0"	F	" "	69	14' 0"	M	" "	74	10' 3"	M
" "	72	7' 6"	F	" "	76	8' 0"	F	" "	70	9' 11"	F
" "	70	7' 0"	F	" "	71	7' 6"	M	" "	75	9' 5"	M
" "	72	7' 6"	F	" "	71	8' 0"	M	" "	70	6' 7"	M
" "	74	10' 6"	M	" "	70	13' 0"	M	" "	76	2' 6"	F
" "	71	11' 10"	F	" "	71	10' 0"	F	2/2 "	74	5' 0"	F
" "	74	7' 11"	M	" "	72	4' 0"	M	" "	72	23' 0"	M
" "	74	9' 0"	M	" "	70	11' 7"	F	" "	70	6' 0"	F
" "	69	5' 0"	F	" "	72	5' 1"	M	" "	71	5' 0"	M
" "	73	1' 0"	M	" "	68	9' 0"	M	" "	72	7' 0"	M
" "	70	5' 0"	F	" "	71	9' 9"	F	" "	72	14' 0"	F
" "	68	7' 0"	F	31/1 "	68	5' 0"	M	" "	71	8' 0"	M
" "	75	14' 0"	F	" "	67	8' 0"	F	" "	76	9' 0"	M
" "	74	10' 0"	F	" "	71	4' 0"	F	" "	70	7' 0"	M
" "	73	7' 0"	M	" "	70	4' 0"	F	" "	71	11' 0"	M
" "	66	5' 0"	F	" "	78	9' 0"	F	" "	73	10' 0"	F
" "	71	8' 0"	M	" "	72	6' 0"	F	" "	70	9' 0"	M
" "	70	5' 0"	F	" "	72	8' 0"	M	" "	71	7' 0"	F
" "	76	7' 0"	F	" "	71	9' 0"	F	" "	75	8' 0"	M
" "	71	3' 0"	M	" "	75	7' 0"	F	" "	75	14' 0"	F
" "	72	13' 0"	F	" "	75	10' 0"	M	" "	70	7' 0"	M
" "	72	8' 0"	M	" "	78	5' 0"	F	" "	71	11' 8"	M
" "	72	7' 0"	F	" "	66	8' 2"	F	" "	70	9' 0"	F
" "	67	6' 0"	M	" "	69			" "	72	11' 0"	F
" "	70	7' 0"	M	" "	74	9' 0"	M	" "	72	8' 0"	M
" "	72	9' 0"	F	" "	74	8' 0"	F	" "	75	6' 0"	F
" "	76	10' 0"	F	" "	74	8' 0"	F	" "	71	5' 0"	F
" "	71	9' 0"	M	" "	71	5' 0"	M	" "	73	8' 0"	M
" "	77	12' 0"	M	" "	74	9' 0"	M	" "	68	4' 1"	M
" "	77	10' 0"	F	" "	71	5' 0"	M	" "	72	6' 2"	F
" "	73	6' 6"	M	" "	70	9' 0"	F	3/2 "	70	10' 0"	F
" "	70	11' 0"	F	" "	74	1' 0"	M	" "	73	6' 0"	F
" "	71	9' 0"	M	" "	74	3' 0"	M	" "	67	3' 0"	M
" "	71	9' 0"	F	" "	70	4' 0"	M	" "	74	7' 0"	F
" "	75	11' 0"	M	" "	69	9' 0"	M	" "	75	7' 0"	F
" "	69	7' 8"	M	" "	67	4' 0"	F	" "	75	6' 0"	M
" "	73	7' 6"	F	" "	73	10' 0"	M	" "	73	11' 0"	M
" "	77	10' 11"	M	" "	70	6' 0"	F	" "	69	9' 0"	F
" "	67	9' 8"	M	" "	73	12' 0"	F	" "	70	9' 6"	F
" "	71	3' 10"	F	" "	73	10' 0"	F	" "	66	6' 0"	M
30/1 "	71	10' 0"	M	" "	71	6' 6"	F	" "	71	7' 0"	M
" "	70	4' 0"	M	" "	70	8' 0"	M	" "	68	5' 0"	M
" "	77	8' 0"	M	" "	77	4' 0"	M	" "	72	12' 0"	F
" "	67	3' 6"	M	" "	69	6' 8"	F	" "	78	3' 0"	F
" "	73	10' 0"	M	" "	75	5' 9"	M	" "	71	2' 7"	F
" "	70	6' 6"	F	1/2 "	78	13' 0"	M	" "	71	8' 0"	F
" "	70	5' 6"	F	" "	73	6' 0"	F	" "	70	9' 4"	M
" "	75	9' 0"	F	" "	72	5' 3"	M	4/2 "	76	10' 6"	M
" "	75	5' 0"	M	" "	73	2' 0"	F	" "	71	9' 0"	M
" "	69	6' 0"	F	" "	74	7' 0"	M	" "	71	5' 0"	M
" "	70	11' 0"	M	" "	67	4' 0"	F	" "	68	19' 0"	M
" "	73	9' 0"	F	" "	72	8' 0"	M	" "	68	7' 6"	F
" "	71	7' 0"	F	" "	72	6' 0"	F	" "	73	4' 4"	F
" "	75	9' 0"	F	" "	68	4' 0"	F	" "	69	5' 0"	F
" "	76	12' 0"	M	" "	71	9' 0"	M	" "	71	10' 0"	M
" "	63	5' 0"	F	" "	68	4' 6"	F	" "	68	4' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
4/2 49	68	6' 0"	F	6/2 49	69	7' 4"	M	8/2 49	72	10' 0"	F
" "	76	12' 0"	F	" "	69	8' 11"	M	" "	67	4' 0"	F
" "	74	11' 0"	F	" "	71	8' 6"	M	" "	69	7' 0"	M
" "	71	8' 0"	F	" "	69	9' 11"	M	" "	71	6' 0"	M
" "	69	8' 0"	M	" "	74	8' 0"	M	" "	74	11' 0"	M
" "	73	10' 0"	M	7/2 "	72	13' 0"	F	" "	78	10' 0"	M
" "	74	11' 8"	M	" "	73	{11' 0"	M	" "	66	6' 0"	M
" "	70	4' 4"	F	" "	72	{11' 0"	F	9/2 "	74	15' 0"	M
" "	72	9' 7"	M	" "	76	6' 0"	F	" "	75	5' 0"	M
" "	69	9' 9"	M	" "	76	7' 0"	F	" "	71	6' 0"	M
" "	76	10' 2"	M	" "	73	10' 0"	M	" "	73	7' 0"	F
5/2 "	70	2' 6"	M	" "	69	7' 0"	M	" "	71	13' 10"	M
" "	68	5' 0"	F	" "	75	9' 0"	F	" "	71	5' 6"	M
" "	71	10' 0"	M	" "	68	9' 0"	F	" "	72	12' 2"	F
" "	71	6' 0"	F	" "	68	4' 0"	F	" "	76	13' 0"	F
" "	77	6' 0"	M	" "	73	13' 0"	F	" "	73	9' 3"	M
" "	74	15' 11"	F	" "	69	8' 2"	M	" "	74	9' 1"	M
" "	67	6' 0"	M	" "	73	7' 1"	M	" "	70	11' 0"	M
" "	71	11' 0"	F	" "	72	5' 11"	M	" "	64	4' 0"	F
" "	73	10' 0"	F	" "	72	12' 0"	F	" "	72	11' 0"	F
" "	67	3' 0"	M	" "	74	7' 0"	F	" "	70	12' 0"	M
" "	72	6' 0"	M	" "	75	12' 0"	F	" "	68	4' 0"	M
" "	70	11' 0"	F	" "	75	11' 0"	F	" "	70	5' 0"	F
" "	74	8' 0"	M	" "	72	9' 0"	M	" "	73	11' 0"	F
" "	70	6' 0"	M	" "	71	7' 0"	F	" "	74	11' 0"	F
" "	68	4' 0"	F	" "	73	8' 0"	F	" "	71	7' 0"	M
" "	71	3' 0"	F	" "	71	10' 6"	F	" "	62	8' 0"	F
" "	72	11' 0"	M	" "	68	3' 0"	F	" "	72	9' 6"	M
" "	72	14' 0"	F	" "	72	6' 6"	M	" "	71	9' 0"	M
" "	73	13' 0"	F	" "	71	9' 0"	F	" "	70	8' 0"	M
" "	73	5' 3"	M	" "	74	9' 6"	M	" "	71	11' 0"	M
6/2 "	70	9' 0"	M	" "	70	7' 0"	M	" "	72	8' 0"	F
" "	64	6' 0"	M	" "	72	10' 0"	M	" "	66	5' 0"	F
" "	78	13' 6"	F	" "	67	8' 0"	F	" "	72	9' 1"	F
" "	76	4' 0"	M	" "	72	8' 0"	F	" "	71	10' 10"	M
" "	76	5' 0"	F	8/2 "	75	10' 0"	M	" "	76	11' 10"	F
" "	73	11' 0"	M	" "	73	6' 0"	M	" "	70	4' 8"	F
" "	69	9' 0"	F	" "	73	14' 0"	M	" "	73	8' 8"	F
" "	69	8' 0"	M	" "	76	8' 0"	F	" "	70	10' 11"	M
" "	69	6' 4"	M	" "	72	10' 0"	M	" "	71	9' 8"	F
" "	75	8' 1"	M	" "	77	16' 0"	M	10/2 "	72	7' 5"	M
" "	72	1' 3"	M	" "	74	2' 0"	M	" "	70	4' 0"	F
" "	73	5' 0"	M	" "	74	4' 0"	F	" "	69	8' 0"	M
" "	72	4' 10"	F	" "	70	5' 0"	F	" "	72	14' 0"	M
" "	67	4' 0"	F	" "	74	7' 0"	M	" "	73	8' 0"	F
" "	61	1' 0"	F	" "	76	13' 4"	F	" "	73	8' 0"	M
" "	76	11' 0"	F	" "	75	6' 0"	F	" "	68	7' 0"	M
" "	71	1' 3"	M	" "	72	4' 2"	M	" "	70	8' 0"	M
" "	72	5' 0"	M	" "	66	6' 0"	M	" "	76	4' 0"	M
" "	72	10' 0"	F	" "	71	5' 0"	F	" "	73	9' 0"	M
" "	73	11' 0"	F	" "	67	8' 0"	F	" "	76	6' 0"	M
" "	73	10' 0"	F	" "	75	3' 0"	F	" "	74	3' 0"	F
" "	67	10' 0"	F	" "	70	9' 0"	F	" "	71	12' 0"	M
" "	71	7' 0"	F	" "	66	7' 6"	F	" "	73	5' 0"	F
" "	71	5' 0"	F	" "	74	7' 0"	F	" "	71	12' 0"	M
" "	75	8' 1"	F	" "	70	14' 6"	F	" "	71	8' 0"	F
" "	76	8' 6"	F	" "	66	12' 0"	F	" "	72	16' 0"	M
" "	70	5' 4"	M	" "	67	8' 0"	M	" "	72	9' 0"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
10 $\frac{1}{2}$ 49	75	8' 0"	M	11 $\frac{1}{2}$ 49	74	15' 0"	F	13 $\frac{1}{2}$ 49	67	6' 0"	M
" "	76	12' 11"	M	" "	72	7' 0"	M	" "	70	6' 0"	F
" "	72	9' 2"	F	" "	69	11' 0"	F	" "	76	7' 0"	M
" "	73	12' 9"	F	" "	70	9' 0"	M	" "	71	13' 0"	M
" "	74	9' 3"	M	" "	67	9' 6"	M	" "	74	9' 0"	M
" "	75	11' 0"	M	" "	61	7' 0"	M	" "	73	5' 0"	M
" "	69	7' 0"	F	" "	74	10' 0"	M	" "	71	9' 0"	M
" "	68	9' 6"	F	" "	74	5' 0"	M	" "	70	10' 0"	F
" "	67	7' 0"	F	" "	71	12' 11"	F	" "	73	8' 0"	F
" "	72	7' 0"	F	" "	69	10' 1"	F	" "	74	9' 0"	M
" "	68	1' 6"	M	" "	69	8' 9"	M	" "	72	13' 0"	M
" "	72	7' 6"	M	12 $\frac{1}{2}$	70	7' 0"	M	" "	74	7' 0"	F
" "	70	13' 0"	F	" "	65	4' 0"	F	" "	77	7' 0"	F
" "	76	8' 0"	M	" "	75	9' 0"	F	" "	75	6' 0"	F
" "	75	8' 0"	M	" "	72	5' 0"	F	" "	74	8' 0"	M
" "	70	7' 0"	M	" "	67	2' 0"	F	" "	69	3' 0"	M
" "	79	13' 0"	F	" "	73	2' 0"	M	" "	78	12' 0"	M
" "	74	10' 8"	F	" "	75	5' 1"	F	" "	72	8' 0"	M
" "	75	12' 4"	M	" "	72	12' 0"	F	" "	70	8' 0"	M
" "	70	9' 10"	F	" "	72	10' 2"	F	" "	73	12' 0"	M
" "	76	6' 3"	F	" "	73	5' 9"	M	" "	69	12' 0"	F
" "	73	7' 2"	F	" "	68	6' 0"	F	" "	72	11' 0"	F
" "	74	11' 8"	F	" "	75			" "	70	3' 0"	M
" "	71	3' 9"	F	" "	67	5' 0"	M	" "	76	7' 0"	F
" "	70	9' 4"	M	" "	72	8' 0"	F	" "	66	7' 0"	F
11 $\frac{1}{2}$	74	13' 0"	F	" "	75	8' 0"	M	" "	69	8' 0"	M
" "	78	6' 0"	F	" "	73	8' 0"	F	" "	73	10' 0"	F
" "	74	6' 0"	M	" "	75	5' 0"	F	" "	69	4' 0"	F
" "	74	11' 0"	M	" "	70	8' 0"	F	" "	67	4' 0"	F
" "	73	6' 9"	F	" "	75	12' 0"	M	" "	78	10' 0"	M
" "	72	4' 10"	F	" "	76	10' 0"	M	" "	72	9' 0"	M
" "	70	5' 0"	M	" "	74	12' 0"	F	" "	73	7' 0"	M
" "	73	12' 2"	M	" "	72	10' 0"	M	" "	73	8' 0"	M
" "	75	2' 3"	M	" "	78	10' 0"	F	" "	72	7' 0"	M
" "	70	6' 3"	M	" "	75	9' 0"	M	" "	70	9' 0"	F
" "	71	13' 11"	F	" "	72	6' 0"	M	" "	70	7' 0"	M
" "	70	8' 0"	F	" "	76	10' 0"	F	" "	67	5' 0"	F
" "	71	8' 0"	F	" "	69	4' 0"	M	" "	73	5' 0"	F
" "	73	5' 0"	M	" "	73	8' 0"	F	" "	70	9' 6"	F
" "	72	10' 0"	F	" "	73	12' 0"	F	" "	69	7' 0"	F
" "	75	4' 0"	F	" "	71	12' 0"	F	" "	76	4' 6"	M
" "	75	9' 0"	M	" "	69	9' 0"	M	" "	70	8' 0"	M
" "	71	10' 0"	M	" "	69	11' 0"	F	" "	69	9' 0"	F
" "	77	6' 0"	F	" "	71	12' 0"	M	" "	73	8' 0"	F
" "	77	14' 0"	F	" "	72	6' 0"	M	" "	75	8' 9"	M
" "	76	13' 0"	F	" "	80	10' 0"	F	" "	71	9' 6"	M
" "	74	5' 0"	M	" "	70	8' 0"	M	" "	77	11' 0"	M
" "	74	12' 0"	F	" "	66	6' 0"	F	" "	73	9' 9"	M
" "	68	8' 0"	F	" "	69	8' 0"	M	14 $\frac{1}{2}$	65	12' 0"	M
" "	72	6' 0"	M	" "	75	5' 0"	F	" "	71	11' 0"	F
" "	68	7' 0"	M	" "	72	7' 0"	F	" "	75	8' 0"	M
" "	74	4' 6"	F	" "	70	9' 0"	M	" "	75	11' 0"	M
" "	66	6' 0"	M	" "	69	8' 6"	F	" "	76	8' 0"	F
" "	64	5' 0"	M	" "	70	6' 8"	F	" "	73	12' 0"	M
" "	72	7' 0"	F	" "	68	10' 11"	F	" "	74	4' 0"	F
" "	68	9' 0"	M	" "	72	7' 8"	F	" "	73	5' 0"	M
" "	71	10' 0"	M	13 $\frac{1}{2}$	72	13' 0"	M	" "	70	12' 0"	M
" "	75	8' 0"	F	" "	74	13' 0"	M	" "	77	10' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
14 ¹ / ₂ 49	71	9' 0"	F	15 ¹ / ₂ 49	78	3' 0"	F	17 ¹ / ₂ 49	68	9' 0"	F
" "	73	10' 0"	F	" "	74	9' 0"	F	" "	71	12' 0"	M
" "	70	7' 6"	M	" "	71	8' 0"	F	" "	71	7' 0"	M
" "	70	6' 5"	M	" "	67	7' 0"	F	" "	74	12' 0"	F
" "	71	11' 0"	F	" "	68	11' 0"	F	" "	75	3' 0"	F
" "	71	4' 9"	F	" "	69	12' 6"	M	" "	76	11' 0"	M
" "	78	6' 1"	M	" "	73	13' 6"	M	" "	74	6' 0"	F
" "	72	7' 0"	M	" "	74	9' 0"	M	" "	75	8' 6"	F
" "	68	4' 0"	F	" "	71	14' 0"	F	" "	76	12' 0"	M
" "	73	9' 0"	F	" "	74	12' 0"	M	" "	76	8' 0"	F
" "	75	8' 0"	M	" "	71	6' 0"	M	" "	74	13' 2"	F
" "	72	11' 0"	F	" "	73	8' 10"	M	" "	76	14' 6"	M
" "	78	10' 0"	M	" "	71	7' 5"	F	" "	72	6' 0"	F
" "	73	15' 0"	F	" "	69	8' 0"	M	" "	72	6' 0"	F
" "	71	6' 0"	M	" "	75	18' 0"	M	" "	77	4' 0"	M
" "	71	4' 0"	F	" "	72	8' 2"	F	" "	72	12' 0"	M
" "	73	11' 0"	F	16 ¹ / ₂ "	75	12' 0"	M	" "	72	6' 0"	M
" "	70	5' 0"	M	" "	74	14' 0"	F	" "	79	11' 0"	F
" "	71	12' 0"	F	" "	65	3' 0"	F	" "	75	10' 0"	F
" "	69	7' 0"	M	" "	77	15' 0"	M	" "	72	3' 0"	F
" "	74	6' 0"	F	" "	77	5' 0"	M	" "	68	9' 6"	F
" "	73	4' 0"	M	" "	73	4' 0"	M	" "	69	10' 0"	F
" "	66	4' 0"	M	" "	75	12' 0"	F	" "	65	4' 0"	M
" "	58	6' 0"	M	" "	73	4' 0"	F	18 ¹ / ₂ "	69	7' 0"	F
" "	73	9' 0"	M	" "	75	11' 0"	F	" "	69	10' 0"	M
" "	76	15' 0"	F	" "	78	4' 0"	F	" "	76	6' 0"	F
" "	72	4' 0"	F	" "	70	4' 0"	M	" "	74	4' 0"	F
" "	70	7' 0"	F	" "	69	3' 0"	F	" "	75	4' 0"	F
" "	71	9' 6"	M	" "	69	9' 0"	M	" "	72	3' 0"	F
" "	68	6' 6"	M	" "	72	8' 0"	M	" "	77	8' 0"	F
" "	67	5' 6"	F	" "	74	10' 0"	F	" "	74	13' 0"	F
" "	69	9' 10"	F	" "	75	8' 6"	M	" "	74	8' 0"	F
" "	70	7' 4"	F	" "	68	9' 0"	M	" "	72	8' 0"	F
15 ¹ / ₂ "	72	8' 0"	M	" "	74	14' 0"	F	" "	72	5' 0"	F
" "	78	16' 0"	M	" "	73	5' 2"	M	" "	74	7' 0"	M
" "	72	10' 0"	M	" "	72	12' 0"	F	" "	74	7' 0"	F
" "	75	10' 0"	F	" "	75	14' 0"	M	" "	71	9' 0"	F
" "	69	7' 0"	F	" "	75	11' 0"	M	" "	77	9' 0"	M
" "	74	11' 0"	F	" "	68	0' 6"	M	" "	73	6' 0"	F
" "	68	3' 0"	M	" "	75	14' 0"	M	" "	74	6' 0"	M
" "	73	8' 0"	F	" "	77	9' 0"	F	" "	74		
" "	76	8' 6"	M	" "	73	6' 0"	F	" "	74	2' 0"	F
" "	73	6' 10"	F	" "	76	11' 0"	M	" "	75	16' 0"	F
" "	74	16' 3"	F	" "	66	10' 0"	F	" "	68	6' 0"	F
" "	76	9' 6"	F	" "	72	11' 0"	M	" "	70	10' 0"	F
" "	73	16' 3"	F	" "	75	13' 0"	M	" "	75		
" "	73	10' 1"	M	" "	76	3' 0"	M	" "	66	8' 0"	M
" "	70	3' 6"	F	" "	75	12' 0"	M	" "	74	10' 0"	M
" "	79	13' 6"	M	" "	72	8' 0"	M	" "	75	12' 0"	M
" "	77	10' 0"	F	" "	71	10' 0"	F	" "	75	9' 0"	F
" "	81	10' 0"	M	" "	68	6' 0"	F	" "	74	5' 0"	M
" "	70	8' 0"	F	" "	71	7' 0"	M	" "	73	2' 0"	M
" "	70	8' 0"	M	" "	78	8' 0"	M	" "	73	9' 0"	F
" "	71	10' 0"	M	" "	80	10' 0"	F	" "	71	2' 0"	F
" "	70	7' 0"	M	" "	70	8' 0"	M	" "	74	9' 6"	M
" "	72	5' 0"	F	" "	73	15' 0"	M	" "	74	12' 0"	M
" "	72	9' 0"	M	" "	70	6' 0"	F	" "	73	14' 0"	F
" "	73	11' 0"	M	" "	71	14' 0"	M	19 ¹ / ₂ "	72	12' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19 1/2 49	73	12' 0"	F	21 1/2 49	73	6' 0"	F	23 1/2 49	64	3' 0"	M
" "	76	12' 0"	M	" "	73	11' 0"	F	" "	64	4' 0"	M
" "	76	5' 0"	M	" "	67	3' 0"	M	" "	66	6' 0"	F
" "	75	9' 0"	F	" "	70	10' 0"	M	" "	64	3' 0"	M
" "	71	5' 0"	M	" "	69	6' 0"	F	" "	65	4' 0"	F
" "	63	8' 0"	M	" "	73	5' 0"	F	" "	67	5' 0"	M
" "	72	9' 0"	M	" "	72	14' 0"	M	" "	75	10' 0"	M
" "	77	15' 0"	M	" "	74	7' 6"	F	" "	76	8' 0"	F
" "	72	15' 0"	M	" "	67	8' 0"	F	" "	73	12' 0"	M
" "	75	16' 6"	F	" "	73	15' 0"	M	" "	70	10' 6"	F
" "	73	6' 6"	M	" "	69	11' 0"	M	" "	71	10' 0"	F
" "	75	2' 2"	M	" "	68	10' 0"	F	" "	69	10' 0"	M
" "	72	16' 0"	M	" "	70	8' 0"	F	" "	71	10' 0"	F
" "	69	4' 0"	F	" "	73	7' 0"	F	" "	70	9' 2"	F
" "	70	6' 0"	F	" "	73	4' 0"	F	" "	71	8' 4"	M
" "	72	10' 0"	M	" "	72	5' 0"	M	" "	71	11' 9"	M
" "	75	10' 0"	M	" "	69	10' 3"	F	" "	71	9' 0"	F
" "	74	1' 0"	M	" "	70	9' 2"	F	" "	72	9' 0"	M
" "	70	13' 0"	M	" "	68	9' 10"	M	24 1/2	71	6' 0"	M
" "	72	8' 0"	M	22 1/2	67	6' 0"	F	" "	77	0' 10"	M
" "	73	8' 0"	M	" "	72	16' 0"	F	" "	71	7' 0"	M
" "	74	11' 0"	F	" "	72	7' 0"	F	" "	72	10' 0"	M
" "	74	12' 0"	M	" "	72	12' 0"	F	" "	72	10' 0"	F
" "	68	7' 0"	F	" "	75	12' 6"	M	" "	71	2' 0"	M
" "	72	6' 0"	F	" "	74	13' 0"	F	" "	72	12' 0"	M
20 1/2	67	7' 0"	M	" "	68	7' 0"	M	" "	70	10' 0"	M
" "	75	16' 0"	M	" "	73	9' 0"	F	" "	73	7' 0"	M
" "	69	7' 0"	F	" "	72	6' 0"	M	" "	77	8' 0"	M
" "	73	12' 0"	M	" "	68	10' 0"	M	" "	74	12' 0"	F
" "	74	11' 0"	F	" "	74	5' 0"	F	" "	70	12' 0"	F
" "	74	3' 0"	F	" "	73	12' 0"	M	" "	78	11' 0"	F
" "	76	4' 0"	F	" "	63	5' 0"	F	" "	77	12' 0"	F
" "	75	9' 0"	M	" "	71	12' 0"	F	" "	70	9' 2"	F
" "	76	11' 0"	M	" "	63	5' 0"	M	" "	76	9' 1"	M
" "	72	12' 0"	F	" "	67	13' 0"	M	" "	73	14' 6"	F
" "	66	10' 0"	F	" "	69	7' 0"	F	" "	73	10' 0"	M
" "	70	10' 0"	F	" "	64	8' 6"	F	" "	75	11' 11"	F
" "	72	11' 10"	M	" "	75	13' 0"	F	" "	70	11' 0"	F
" "	70	4' 2"	F	" "	72	14' 0"	M	" "	74	10' 0"	M
" "	73	8' 1"	M	" "	72	10' 0"	M	" "	75	13' 6"	M
" "	71	11' 10"	F	" "	73	8' 0"	M	" "	72	12' 0"	F
" "	70	8' 0"	M	" "	70	8' 0"	M	" "	71	11' 6"	M
" "	75	11' 0"	M	" "	67	12' 0"	M	" "	66	9' 0"	M
" "	68	6' 0"	F	" "	75	12' 2"	M	" "	69	12' 0"	F
" "	71	13' 0"	F	" "	71	8' 9"	M	" "	71	11' 0"	F
" "	72	5' 0"	M	" "	66	7' 3"	F	" "	75	10' 0"	F
21 1/2	70	8' 0"	F	23 1/2	74	5' 0"	F	" "	76	13' 0"	F
" "	72	5' 0"	F	" "	69	10' 0"	M	" "	71	8' 0"	M
" "	75	5' 0"	M	" "	76	5' 0"	M	" "	74	12' 0"	M
" "	78	7' 0"	F	" "	71	9' 0"	M	" "	73	13' 0"	M
" "	73	12' 2"	M	" "	80	10' 0"	M	" "	74	13' 0"	F
" "	74	13' 11"	F	" "	81	14' 0"	M	" "	73	8' 3"	M
" "	73	8' 2"	F	" "	76	6' 11"	F	" "	73	12' 3"	F
" "	77	9' 1"	F	" "	69	7' 10"	F	" "	69	7' 7"	F
" "	70	8' 0"	F	" "	73	8' 0"	F	23 1/2	75	14' 0"	F
" "	69	8' 0"	F	" "	70	10' 2"	M	" "	74	10' 0"	M
" "	71	9' 0"	M	" "	79	15' 7"	F	" "	66	6' 0"	F
" "	70	10' 0"	M	" "	66	10' 0"	F	" "	68	8' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
25/2 49	76	13' 6"	F	27/2 49	73	5' 9"	F	2/3 49	74	8' 0"	F
" "	73	8' 0"	M	28/2 "	73	11' 0"	F	" "	70	8' 0"	F
" "	73	4' 0"	M	" "	73	10' 0"	F	" "	67	9' 0"	M
" "	67	8' 0"	F	" "	69	8' 0"	F	" "	76	10' 0"	M
" "	76	10' 0"	F	" "	74	12' 0"	M	" "	78	8' 0"	M
" "	81	9' 0"	M	" "	70	10' 0"	M	" "	74	17' 0"	M
" "	69	3' 6"	F	" "	70	8' 0"	F	" "	79	5' 0"	F
" "	80	2' 0"	M	" "	63	6' 0"	M	" "	76	7' 0"	M
" "	70	3' 0"	F	" "	73	9' 0"	M	" "	75	18' 0"	F
" "	71	8' 0"	F	" "	68	8' 6"	F	" "	73	10' 0"	M
" "	74	11' 0"	M	" "	73	8' 6"	M	" "	72	14' 0"	F
" "	68	6' 0"	M	" "	76	13' 0"	F	" "	65	14' 0"	M
" "	73	6' 6"	F	" "	72	8' 0"	F	" "	69	9' 0"	M
" "	72	11' 0"	F	" "	72	7' 0"	F	" "	75	12' 0"	F
" "	75	12' 6"	M	" "	73	7' 0"	M	" "	70	8' 0"	F
" "	71	10' 0"	M	" "	70	11' 0"	M	" "	70	3' 0"	F
" "	73	9' 0"	F	" "	74	12' 0"	M	" "	68	6' 0"	F
" "	75	10' 1"	M	" "	75	10' 0"	F	" "	70	5' 0"	F
" "	73	6' 11"	M	" "	70	9' 0"	M	" "	73	10' 0"	M
26/2 "	70	9' 0"	M	" "	72	8' 9"	F	" "	70	18' 0"	M
" "	73	14' 0"	M	" "	72	11' 11"	M	" "	75	10' 0"	M
" "	72	18' 0"	F	" "	72	8' 2"	F	" "	75	13' 0"	F
" "	77	12' 0"	M	1/3 "	78	9' 0"	F	" "	74	9' 0"	F
" "	71	9' 0"	M	" "	69	6' 0"	M	" "	72	12' 0"	M
" "	73	14' 0"	F	" "	68	6' 0"	M	" "	78	8' 0"	M
" "	75	12' 0"	F	" "	72	6' 0"	M	" "	70	7' 0"	F
" "	75	9' 0"	M	" "	79	18' 0"	F	" "	67	2' 0"	M
" "	76	8' 0"	F	" "	73	15' 0"	M	" "	64	5' 0"	M
" "	72	4' 0"	F	" "	78	6' 0"	M	" "	70	7' 0"	F
" "	73	7' 11"	F	" "	77	13' 0"	F	" "	73	10' 0"	M
" "	67	5' 0"	M	" "	71	1' 0"	M	" "	75	13' 0"	F
" "	69	15' 0"	F	" "	75	13' 0"	F	" "	73	7' 0"	M
" "	71	12' 0"	M	" "	73	5' 0"	M	" "	67	16' 0"	M
" "	70	7' 0"	F	" "	74	16' 0"	M	" "	70	15' 0"	M
" "	73	12' 0"	M	" "	68	11' 6"	F	" "	72	12' 0"	F
" "	67	12' 0"	M	" "	75	12' 0"	F	3/3 "	72	17' 0"	F
" "	65	9' 0"	M	" "	73	10' 0"	F	" "	68	8' 0"	M
" "	71	5' 0"	M	" "	77	14' 0"	M	" "	76	12' 0"	M
27/2 "	75	21' 0"	F	" "	68	14' 0"	F	" "	69	3' 0"	F
" "	76	11' 0"	F	" "	70	10' 0"	F	" "	71	15' 0"	M
" "	74	18' 0"	M	" "	78	13' 0"	M	" "	79	12' 0"	M
" "	73	8' 0"	F	" "	69	8' 0"	F	" "	73	2' 0"	M
" "	72	5' 0"	F	" "	74	9' 8"	F	" "	74	12' 0"	M
" "	76	12' 0"	M	" "	75	11' 6"	M	" "	69	15' 0"	F
" "	73	15' 0"	M	" "	74	15' 11"	F	" "	70	9' 0"	M
" "	75	6' 0"	F	" "	72	3' 10"	M	" "	76	13' 0"	M
" "	75	5' 2"	M	" "	75	18' 2"	M	" "	75	8' 0"	F
" "	72	16' 1"	F	" "	71	10' 6"	F	" "	78	5' 0"	M
" "	75	4' 11"	F	" "	75	2' 9"	F	" "	75	13' 0"	F
" "	72	5' 10"	F	" "	67	6' 0"	M	" "	69	13' 0"	M
" "	69	11' 0"	F	" "	70	8' 0"	M	" "	71	14' 0"	M
" "	72	9' 0"	F	" "	68	14' 0"	F	" "	72	13' 0"	M
" "	72	12' 0"	M	" "	74	8' 0"	M	" "	67	8' 0"	F
" "	72	10' 0"	F	" "	71	12' 0"	M	" "	73	8' 6"	M
" "	76	10' 0"	M	" "	72	16' 0"	M	" "	73	9' 0"	F
" "	71	12' 0"	F	" "	72	12' 0"	M	" "	74	4' 0"	M
" "	71	2' 0"	F	" "	66	13' 0"	F	" "	67	8' 0"	F
" "	69	13' 4"	F	" "	70	14' 0"	M	" "	74	13' 2"	F

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{3}{3}$ 49	77	8' 1"	M	$\frac{5}{3}$ 49	65	7' 0"	M	$\frac{7}{3}$ 49	74	15' 0"	F
" "	73	10' 9"	F	" "	66	10' 0"	F	" "	75	3' 0"	M
" "	71	11' 2"	F	" "	72	14' 0"	F	" "	73	4' 0"	M
" "	72	12' 3"	F	" "	72	7' 0"	M	" "	76	12' 0"	M
$\frac{4}{3}$ "	72	13' 0"	M	" "	70	14' 0"	F	" "	75	7' 0"	M
" "	69	10' 0"	M	" "	72	8' 0"	F	" "	74	13' 0"	F
" "	74	5' 0"	M	" "	66	9' 0"	M	" "	76	9' 0"	F
" "	79	19' 0"	M	" "	74	9' 0"	M	" "	68	12' 0"	M
" "	78	8' 0"	F	" "	73	11' 3"	F	" "	75	5' 0"	M
" "	73	15' 0"	M	" "	74	11' 10"	M	" "	62	9' 0"	F
" "	75	6' 0"	M	$\frac{6}{3}$ "	70	16' 0"	F	" "	74	15' 0"	F
" "	70	9' 0"	F	" "	71	4' 0"	M	" "	73	15' 0"	F
" "	75	10' 0"	F	" "	77	18' 0"	M	" "	74	6' 0"	F
" "	72	9' 0"	F	" "	68	13' 0"	F	" "	71	12' 0"	F
" "	71	13' 0"	F	" "	72	14' 0"	M	" "	74	6' 0"	F
" "	66	14' 0"	F	" "	79	6' 0"	F	" "	76	12' 0"	F
" "	67	4' 0"	F	" "	75	15' 0"	M	" "	68	3' 6"	M
" "	72	5' 0"	F	" "	75	6' 0"	M	" "	67	14' 0"	M
" "	74	5' 0"	M	" "	76	9' 0"	M	" "	74	8' 0"	M
" "	72	5' 0"	M	" "	75	9' 0"	F	$\frac{8}{3}$ "	71	12' 0"	M
" "	76	13' 10"	F	" "	76	14' 0"	F	" "	70	14' 0"	M
" "	74	15' 6"	F	" "	75	8' 0"	M	" "	70	13' 0"	M
" "	65	10' 0"	F	" "	69	13' 0"	F	" "	74	4' 0"	M
" "	70	7' 0"	F	" "	72	8' 0"	F	" "	83	6' 0"	M
" "	69	5' 0"	M	" "	77	3' 0"	F	" "	71	11' 0"	M
" "	75	4' 0"	F	" "	71	4' 0"	F	" "	70	14' 0"	M
" "	73	9' 3"	M	" "	74	10' 0"	M	" "	73	19' 0"	F
" "	76	4' 5"	F	" "	72	16' 0"	M	" "	76	15' 0"	M
" "	76	10' 1"	F	" "	71	17' 9"	M	" "	70	12' 0"	F
" "	71	5' 2"	M	" "	64	6' 0"	M	" "	78	14' 0"	M
" "	72	12' 4"	F	" "	68	14' 0"	F	" "	76	12' 0"	F
$\frac{5}{3}$ "	74	8' 0"	F	" "	77	7' 0"	F	" "	69	10' 0"	F
" "	75	15' 0"	F	$\frac{7}{3}$ "	68	7' 0"	M	" "	75	19' 0"	M
" "	74			" "	73	10' 0"	M	" "	71	16' 0"	M
" "	75	7' 0"	F	" "	77	15' 0"	M	" "	70	11' 0"	F
" "	73	11' 0"	F	" "	75	10' 0"	F	" "	71	9' 0"	M
" "	70	13' 0"	M	" "	69	7' 0"	M	" "	74	6' 0"	F
" "	70	8' 0"	M	" "	72	5' 0"	F	" "	68	12' 0"	F
" "	69	9' 0"	M	" "	75	4' 0"	M	" "	67	9' 0"	M
" "	74	4' 0"	F	" "	72			" "	70	8' 0"	M
" "	70	2' 0"	F	" "	78	17' 0"	F	" "	73	7' 6"	F
" "	77	18' 0"	F	" "	76	12' 0"	M	" "	74	5' 0"	F
" "	73	16' 0"	M	" "	65	6' 6"	F	" "	71	14' 6"	F
" "	75	15' 0"	M	" "	70	7' 6"	F	" "	70	8' 6"	F
" "	71	16' 0"	F	" "	65	8' 0"	M	$\frac{9}{3}$ "	77	2' 0"	M
" "	69	4' 0"	F	" "	76	14' 0"	F	" "	62	14' 0"	M
" "	69	13' 0"	F	" "	76	16' 0"	M	" "	74	12' 0"	M
" "	71	7' 0"	M	" "	72	2' 0"	M	" "	75	4' 6"	M
" "	76	16' 0"	F	" "	77	11' 0"	M	" "	72	4' 6"	M
" "	75	14' 0"	F	" "	78	4' 0"	F	" "	72	12' 6"	F
" "	74	13' 0"	F	" "	80	7' 0"	F	" "	75	16' 0"	F
" "	71	14' 0"	F	" "		6' 0"	F	" "	75	2' 0"	M
" "	78	9' 0"	F	" "	72	10' 0"	M	" "	75	14' 0"	M
" "	72	5' 0"	F	" "	66	9' 0"	M	" "	75	5' 0"	M
" "	73	12' 0"	F	" "	73	7' 0"	M	" "	69	14' 0"	M
" "	70	9' 9"	M	" "	74	12' 0"	M	" "	73	10' 0"	F
" "	72	13' 8"	M	" "	73	4' 0"	M	" "	72	12' 0"	M
" "	70	4' 1"	M	" "	73	8' 0"	F	" "	76	12' 0"	M

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

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{9}{3}$ 49	74	9' 0"	M	$\frac{12}{3}$ 49	73	12' 0"	F	$\frac{14}{3}$ 49	72	12' 0"	M
" "	73	13' 0"	M	" "	76	15' 0"	M	" "	74	8' 0"	M
" "	68	10' 0"	M	" "	70	10' 0"	M	$\frac{15}{3}$ "	72	2' 0"	M
" "	67	12' 0"	M	" "	71	18' 0"	F	" "	71	12' 0"	M
" "	75	8' 0"	M	" "	69	11' 0"	F	" "	73	14' 0"	F
" "	69	14' 0"	F	" "	70	15' 0"	F	" "	70	12' 0"	M
" "	67	12' 0"	M	" "	70	11' 0"	F	" "	72	4' 0"	M
" "	71	12' 0"	F	" "	69	12' 0"	M	" "	70	14' 0"	F
" "	72	11' 0"	F	" "	70	14' 0"	F	" "	68	11' 0"	M
" "	69	10' 0"	F	" "	74	6' 0"	F	" "	70	8' 0"	M
" "	72	10' 0"	M	" "	72	13' 0"	M	" "	74	9' 0"	F
" "	70	10' 0"	F	" "	74	12' 0"	M	" "	75	4' 0"	M
$\frac{10}{3}$ "	80	15' 0"	F	" "	70	10' 11"	F	" "	71	2' 0"	F
" "	70	5' 0"	M	" "	70	3' 11"	F	" "	68	7' 0"	M
" "	72	8' 6"	F	" "	68	13' 1"	M	" "	74	13' 0"	F
" "	73	5' 0"	M	$\frac{13}{3}$ "	72	4' 0"	M	" "	72	14' 0"	F
" "	73	8' 0"	M	" "	77	5' 0"	F	" "	78	14' 0"	F
" "	70	10' 0"	F	" "	73	15' 0"	M	" "	75	14' 0"	F
" "	76	13' 0"	F	" "	75	8' 0"	F	" "	75	14' 0"	M
" "	76	12' 0"	M	" "	75	14' 0"	M	" "	74	12' 0"	F
" "	71	{15' 0"	F	" "	75	13' 0"	F	" "	70	16' 0"	F
" "		{15' 0"	F	" "	70	16' 0"	M	" "	76	17' 0"	M
" "	73	10' 0"	F	" "	75	18' 0"	M	" "	78	13' 0"	F
" "	73	13' 0"	F	" "	72	10' 0"	F	" "	78	12' 0"	M
" "	68	9' 0"	F	" "	71	15' 0"	M	" "	73	10' 9"	F
" "	73	16' 0"	F	" "	71	20' 0"	M	" "	74	6' 10"	M
" "	70	13' 0"	F	" "	67	10' 0"	F	" "	75	8' 2"	M
" "	70	15' 0"	M	" "	71	9' 0"	F	" "	74	5' 3"	F
" "	62	10' 6"	F	" "	77	17' 0"	M	" "	70	13' 0"	F
" "	71	3' 6"	M	" "	72	12' 0"	M	" "	76	9' 0"	M
" "	74	14' 6"	M	" "	65	10' 0"	M	" "	78	13' 0"	F
$\frac{11}{3}$ "	72	9' 0"	F	" "	73	13' 0"	F	" "	70	10' 0"	M
" "	74	8' 6"	F	" "	72	6' 0"	F	" "	71	{12' 6"	M
" "	73	5' 6"	F	" "	81	13' 0"	M	" "		{12' 0"	F
" "	69	13' 0"	M	" "	63	10' 5"	F	" "	79	12' 11"	M
" "	71	16' 0"	F	" "	75	10' 3"	F	$\frac{16}{3}$ "	77	6' 0"	M
" "	71	12' 0"	F	" "	69	6' 8"	M	" "	71	7' 0"	F
" "	68	10' 0"	M	" "	69	11' 9"	M	" "	75	8' 0"	M
" "	68	8' 6"	M	" "	68	12' 5"	F	" "	72	10' 0"	M
" "	76	10' 0"	F	" "	70	11' 8"	M	" "	78	16' 0"	F
" "	67	10' 0"	M	$\frac{14}{3}$ "	72	12' 0"	M	" "	74	2' 0"	F
" "	71	12' 0"	F	" "	71	10' 0"	F	" "	72	11' 0"	F
" "	69	10' 8"	M	" "	74	5' 0"	F	" "	77	22' 0"	M
" "	75	{10' 11"	F	" "	76	13' 0"	F	" "	81	14' 0"	M
" "		{11' 10"	F	" "	77	14' 0"	F	" "	79	5' 0"	M
" "	80	13' 1"	F	" "	77	8' 0"	F	" "	78	18' 0"	M
" "	71	10' 3"	M	" "	74	12' 0"	M	" "	73	11' 0"	M
$\frac{12}{3}$ "	73	12' 0"	F	" "	71	12' 0"	F	" "	72	8' 0"	F
" "	75	8' 6"	M	" "	71	10' 0"	M	" "	70	16' 0"	F
" "	71	10' 0"	F	" "	77	15' 0"	F	" "	72	13' 0"	F
" "	71	8' 6"	M	" "	72	9' 0"	M	" "	68	11' 0"	F
" "	72	18' 0"	F	" "	70	5' 0"	M	" "	76	18' 0"	M
" "	72	{12' 0"	M	" "	68	12' 0"	M	" "	68	11' 0"	M
" "		{13' 0"	M	" "	72	8' 0"	F	" "	69	9' 0"	F
" "	76	10' 0"	M	" "	70	12' 0"	F	" "	74	14' 0"	F
" "	73	4' 0"	F	" "	73	9' 0"	M	" "	71	12' 0"	F
" "	74	16' 0"	M	" "	70	12' 0"	F	" "	70	14' 0"	F
" "	75	12' 0"	M	" "	72	14' 0"	M	" "	74	17' 0"	M

Table No. 19.—*Fin-whale foetuses* (cont.).

Date when measured	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
16 ² / ₃ 49	66	7' 2"	F	20 ² / ₃ 49	69	14' 0"	F	23 ² / ₃ 49	72	15' 0"	F
" "	71	13' 0"	F	" "	70	12' 0"	F	" "	67	15' 0"	M
" "	70	10' 6"	M	" "	68	15' 0"	M	" "	74	16' 0"	M
17 ² / ₃ "	74	18' 0"	M	" "	68	13' 0"	F	" "	72	9' 0"	M
" "	75	12' 0"	M	" "	70	5' 0"	F	" "	71	10' 0"	F
" "	74	7' 0"	M	" "	68	13' 0"	M	" "	71	12' 0"	M
" "	72	14' 0"	F	" "	74	12' 0"	M	" "	73	17' 0"	M
" "	73	21' 0"	F	" "	72	14' 0"	M	" "	71	9' 0"	M
" "	75	11' 0"	M	" "	75	10' 0"	F	" "	74	9' 0"	M
" "	74	13' 0"	F	" "	76	14' 0"	F	" "	66	12' 0"	M
" "	74	11' 0"	M	" "	71	12' 0"	F	" "	66	8' 0"	F
" "	74	10' 0"	M	" "	66	14' 0"	F	" "	69	11' 0"	M
" "	73	12' 0"	M	" "	73	17' 0"	F	24 ² / ₃ "	73	11' 0"	M
" "	74	12' 0"	M	" "	76	19' 0"	F	" "	72	13' 0"	F
" "	73	14' 0"	M	" "	71	9' 0"	M	" "	76	16' 0"	M
" "	67	10' 9"	M	" "	73	18' 0"	M	" "	67	8' 0"	M
" "	75	9' 2"	M	" "	66	4' 0"	F	" "	69	12' 0"	M
" "	76	14' 9"	F	" "	68	12' 0"	M	" "	71	5' 0"	F
" "	73	17' 0"	F	" "	70	10' 0"	F	" "	69	10' 0"	M
" "	73	12' 0"	M	" "	75	18' 0"	M	" "	67	8' 0"	M
" "	70	16' 0"	M	21 ² / ₃ "	74	5' 0"	M	" "	68	10' 0"	F
" "	76	9' 0"	F	" "	75	10' 0"	F	" "	68	14' 0"	F
18 ² / ₃ "	72	15' 0"	F	" "	69	10' 0"	M	25 ² / ₃ "	75	7' 0"	F
" "	69	14' 0"	F	" "	73	4' 0"	F	" "	68	14' 0"	M
" "	72	14' 0"	F	" "	80	4' 0"	F	" "	68	14' 0"	F
" "	76	16' 0"	F	" "	74	13' 0"	F	" "	72	12' 0"	M
" "	76	14' 0"	M	" "	68	8' 0"	F	" "	74	10' 0"	F
" "	73	8' 0"	M	" "	75	14' 0"	M	" "	72	4' 0"	F
" "	80	20' 0"	M	" "	70	9' 0"	M	" "	76	9' 0"	M
" "	67	6' 0"	M	" "	73	12' 0"	M	" "	74	12' 0"	F
" "	76	16' 0"	M	" "	71	17' 0"	F	" "	77	14' 0"	M
" "	80	15' 0"	M	" "	77	18' 0"	F	" "	71	9' 0"	F
" "	69	13' 0"	M	" "	71	12' 0"	F	" "	76	15' 0"	F
19 ² / ₃ "	74	10' 0"	F	" "	75	16' 0"	F	" "	69	12' 0"	M
" "	78	14' 0"	F	" "	74	12' 0"	F	" "	73	15' 6"	F
" "	70	8' 0"	F	" "	80	13' 0"	F	" "	75	12' 0"	F
" "	71	10' 0"	F	" "	78	12' 0"	M	" "	73	10' 0"	F
" "	76	7' 0"	F	" "	80	15' 0"	F	26 ² / ₃ "	72	11' 0"	F
" "	73	10' 0"	F	" "	73	9' 0"	F	" "	74	11' 0"	F
" "	78	8' 0"	F	" "	75	17' 0"	M	" "	72	14' 0"	F
" "	73	15' 0"	M	" "	73	7' 0"	F	" "	75	6' 0"	M
" "	73	14' 0"	F	" "	73	15' 0"	F	" "	75	15' 0"	F
" "	71	11' 0"	F	" "	75	12' 0"	F	" "	72	12' 0"	M
" "	69	5' 0"	M	22 ² / ₃ "	73	8' 0"	F	" "	72	16' 0"	M
" "	69	4' 0"	F	" "	76	15' 0"	M	" "	73	12' 0"	M
" "	70	7' 0"	F	" "	72	11' 0"	F	" "	68	10' 0"	M
" "	68	6' 0"	F	" "	76	11' 0"	F	" "	75	14' 0"	M
" "	72	10' 0"	M	" "	75	2' 0"	F	" "	71	8' 0"	F
" "	60	6' 0"	F	" "	66	10' 0"	F	" "	70	10' 0"	F
" "	61	3' 0"	M	" "	67	11' 0"	F	" "	77	14' 0"	M
" "	62	11' 0"	M	" "	72	14' 0"	M	" "	74	13' 0"	F
" "	69	11' 0"	F	23 ² / ₃ "	72	6' 0"	M	27 ² / ₃ "	75	5' 0"	F
" "	71	9' 0"	M	" "	71	7' 0"	M	" "	66	4' 0"	M
" "	71	14' 6"	F	" "	72	7' 0"	F	28 ² / ₃ "	66	12' 0"	F
" "	70	6' 0"	F	" "	70	7' 0"	F	" "	73	3' 0"	F
" "	70	16' 0"	M	" "	77	14' 0"	F	14 ² / ₄ "	65	15' 0"	F
20 ² / ₃ "	71	8' 0"	M	" "	73	14' 0"	F	" "	"	"	"
" "	74	14' 0"	F	" "	70	17' 0"	M	" "	"	"	"

Total 2,980 fin-whale foetuses, of which 1,475 males and 1,500 females. Sex was not stated for 5 foetuses. Of the 2,975 foetuses for which sex was stated, 49.58 per cent were males and 50.42 per cent females. 11 foetuses were not found.

Table No. 10 (cont.).

Humpback foetuses.

Date when measured.		Length.		Sex.
		Mother.	Foetus.	
		Engl. ft.	Engl. ft.	
27/11	48	51	10' 0"	M
9/12	"	43	1' 0"	M
14/12	"	44	1' 0"	M
"	"	47	1' 6"	M
15/1	49	44	3' 0"	F
19/3	"	44	5' 0"	F
22/3	"	45	5' 0"	F

Total 7 humpback foetuses, of which 4 males and 3 females. Of the foetuses 57.14 per cent were males and 42.86 females.

Sei-whale foetuses.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.			
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.				
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.				
12/1	49	55	7' 0"	M	17/2	49	55	4' 0"	M	12/3	49	53	13' 0"	F
20/1	"	50	8' 0"	M	"	"	52	11' 0"	M	"	"	54	12' 0"	F
27/1	"	53	2' 6"	M	"	"	56	12' 0"	F	"	"	50	11' 0"	F
28/1	"	54	8' 0"	F	18/2	"	51	10' 0"	M	"	"	50	11' 0"	M
31/1	"	53	8' 0"	F	19/2	"	54	12' 0"	F	"	"	54	12' 0"	F
1/2	"	52	7' 0"	F	"	"	51	11' 0"	M	"	"	54	10' 0"	M
6/2	"	53	9' 0"	M	"	"	53	8' 0"	F	13/3	"	51	7' 0"	F
"	"	51	2' 0"	M	"	"	53	10' 0"	M	15/3	"	54	11' 0"	F
"	"	53	7' 0"	F	20/2	"	53	6' 0"	F	19/3	"	53	12' 0"	F
10/2	"	53	4' 0"	F	"	"	53	11' 0"	F	"	"	52	12' 0"	M
"	"	54	3' 0"	F	"	"	54	5' 0"	M	"	"	53	12' 0"	F
"	"	53	10' 0"	F	25/2	"	53	5' 0"	F	"	"	47	12' 0"	M
"	"	54	4' 0"	F	"	"	55	12' 0"	F	"	"	53	9' 0"	M
"	"	50	4' 0"	F	"	"	50	8' 0"	M	20/3	"	55	12' 0"	F
"	"	52	3' 0"	M	"	"	53	5' 0"	M	"	"	55	12' 0"	M
"	"	50	6' 0"	M	"	"	53	8' 0"	F	"	"	55	7' 0"	M
11/2	"	54	8' 0"	M	"	"	54	12' 0"	F	"	"	52	8' 0"	M
12/2	"	53	12' 0"	M	"	"	52	5' 0"	M	"	"	51	12' 0"	M
13/2	"	53	12' 0"	F	27/2	"	49	6' 0"	M	2/4	"	50	6' 0"	F
"	"	53	7' 0"	M	2/3	"	53	10' 0"	M	"	"	54	15' 0"	M
"	"	51	6' 0"	M	"	"	52	11' 0"	F	5/4	"	54	10' 0"	F
14/2	"	56	14' 0"	F	"	"	53	7' 0"	F	6/4	"	49	13' 0"	F
"	"	52	6' 0"	M	"	"	53	8' 0"	F	"	"	50	5' 0"	F
"	"	54	11' 0"	F	3/3	"	50	10' 0"	F	"	"	53	6' 0"	M
15/2	"	55	7' 0"	M	5/3	"	51	5' 0"	F	"	"	54	12' 0"	F
16/2	"	52	10' 0"	M	6/3	"	52	8' 0"	M	7/4	"	51	12' 0"	M
"	"	53	8' 0"	M	"	"	48	6' 0"	M	8/4	"	51	10' 0"	M
17/2	"	53	4' 0"	M	7/3	"	53	14' 0"	F	"	"	52	9' 0"	M
"	"	54	10' 0"	F	"	"	55	12' 0"	F	"	"	"	"	"

Total 86 sei-whale foetuses, of which 42 males and 43 females. Sex was not stated for 1 foetus. Of the 85 foetuses, for which sex was stated, 49.41 per cent were males and 50.59 per cent females.

