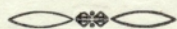


INTERNATIONAL  
WHALING STATISTICS  
73  
LXXIII

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1974

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## PREFACE

This publication comprises the world aggregate whaling results for 1973, i.e. the catch of the Antarctic pelagic expeditions in the Southern Hemisphere in the 1972/73 season and the catch of other expeditions and shore stations during the calendar year 1973. For comparison with previous statistics, see Introduction to publication No. LXXI, page 7.

Statistical data have not been received from Chile. Further statistical data relating to size of whales killed have not been received from Spain, the Azores and Madeira.

Oslo, December 1974.

*Birger Bergersen.*

*Einar Vangstein.*



## INTRODUCTION

This publication comprises the world aggregate whaling results for 1973, i.e. the catch of the Antarctic pelagic expeditions in the Southern Hemisphere in the 1972/73 season and the catch of other expeditions/shore stations during the calendar year 1973.

Details of the catch of the Antarctic pelagic expeditions in the season 1972/73 will be found in the publication No. LXXII.

Three shore stations have suspended whaling in 1973, two of which operated in Newfoundland and one in Nova Scotia.

In the North Pacific three Japanese and three U.S.S.R. pelagic expeditions and eight Japanese shore stations operated in 1973.

The set quota and the actual catch for the North Pacific for 1973 (excluding the catch in the East China Sea) were as follows:

	Fin whales	Sei/Bryde's whales	Sperm whales Males	Females
Quota .....	650	3,000	6,000	4,000
The actual catch .....	446	2,585	4,606	3,962

The total quota was divided into national quotas. The national quotas and the actual catch were:

	Japan Quota	Catch	U.S.S.R. Quota	Catch
Fin whales .....	291	285	359	161
Sei/Bryde's whales .....	2,017	1,826	983	759
Sperm whales				
Males .....	2,565	2,560	3,435	2,046
Females .....	1,710	1,679	2,290	2,283

In addition 14 fin whales were caught in the East China Sea by Japanese expeditions.

Of the total catch of "sei/Bryde's whales" 1,856 were sei whales and 729 Bryde's whales.

The number of sperm whales to be taken in the Southern Hemisphere in the 1972/73 pelagic season and the 1973 coastal season should according to Schedule 8 h (Schedule dated December 1972) not exceed 8,000 males and 5,000 females. This quota was allocated into national quotas as follows:

	Males	Females	Total
Japanese and U.S.S.R. pelagic expeditions	6,200	3,590	9,790
South African shore station .....	900	905	1,805
Australian shore station .....	900	505	1,405
	8,000	5,000	13,000

The catch of sperm whales amounted to:

	Males	Females	Total
Japanese and U.S.S.R. pelagic expeditions	5,442	3,297	<sup>1)</sup> 8,739
South African shore station .....	860	746	1,606
Australian shore station .....	684	287	971
	6,986	4,330	11,316

Regarding the quota and the catch of Japanese and U.S.S.R. pelagic expeditions details will be found on page 8 of publication No. LXXII.

The report from Peru uses the following names for baleen whales: "Ballena Fin", "Ballena Boba O.Sei" and "Ballena Br.". The last mentioned species has in the tables been entered under Bryde's whale, but it is hoped to have this presentation checked later on.

The Bureau of International Whaling Statistics has got copy of a table from Yearbook of Fishery Statistics, published by the Office of Fisheries, Republic of Korea (Seoul), showing the Korean catches during the years 1962—1970. According to said table the catch has been as follows:

	«Large whaling»	«Small whaling»	Total
1962 .....	82	170	252
1963 .....	55	291	346
1964 .....	88	384	472
1965 .....	17	249	266
1966 .....	14	309	323
1967 .....	20	336	356
1968 .....	28	316	344
1969 .....	35	386	421
1970 .....	606	134	740

According to information received "large whaling" is conducted from only one shore station at Ulsan on the east coast, whereas "small whaling" is apparently conducted from several ports. The "small whale" fishery takes almost exclusively minke whales. The "large whale" fishery takes a few fin whales and an occasional humpback whale.

<sup>1)</sup> Excluding 4 whales lost.



A table has also been received showing the catch from Republic of Korea "by month and by species, 1970". The catches in 1970 are shown below:

Total .....	740
"Large whaling": .....	606
Fin whale .....	25
Sei whale .....	—
Others (Minke whale) .....	581
"Small whaling": .....	134
Humpback whale .....	—
Minke whale .....	134

As will be seen from the table "large whaling" also accounted for 581 minke whales in 1970.

The Bureau of International Whaling Statistics is trying to get further statistics on Korean whaling.

In the introduction to publication No. LXIX (page 9), a preliminary report on the incidental kill of small cetaceans in the U.S. tuna fishery was quoted.

From Department of State revised "Estimates of the kill of Delphinids incidental to the U.S. tuna fishery" have now been received, and quoted below:

"Those data on which earlier (1970—71) estimates of the incidental kill of porpoises in the tuna fishery\* were based, has been re-examined, corrected, and revised on the basis of more valid statistical procedures. However, these revised numbers, as well as those for 1972, should still be considered preliminary pending further analysis.

The 1972 estimates given below are based on counts from twenty observer trips within the regulatory area of the IATTC [Inter-American Tropical Tuna Commission]. Total mortality of the three principal species involved in the fishery were calculated from percentages as observed in the samples.

The 1970—71 revised figures and those for 1972 are:

Year	<i>Estimated numbers killed</i>		
	1970	1971	1972
Spotted porpoise ( <i>Stenella attenuata</i> ) .....	160,000	124,000	178,000
[Spotted dolphin ( <i>Stenella graffmani</i> )]			
Spinner porpoise ( <i>S. longirostris</i> ) .....	48,000	38,000	42,000
[Spinner dolphin]			
Whitebelly porpoise ( <i>Delphinus delphis</i> ) .....	6,000	5,000	8,000
[Common dolphin]			
Estimated totals .....	214,000	167,000	228,000

\* Report of the NOAA Tuna Porpoise Review Committee, 8 Sept. 1972.\*

If the tuna fishery outside the regulatory area is included, the mortality estimates may increase by 30 per cent or more.

A detailed description of the statistical methods used will be presented in a "Progress Report" now under preparation. The estimated number of porpoises killed are from a preliminary draft of that report by Stauffer and Smith of the SWFC [Southwest Fisheries Center, National Marine Fisheries Service].»

Department of State writes in a letter dated April 12, 1974:

"The only small cetaceans killed by aborigines are belugas. There are no accurate statistics on this kill for recent years, but for 1974 and future years United States Government hopes to gather such statistics."

The Danish Commissioner to the 1973 meeting of the Commission has supplied the Commission with the latest available "Greenland Hunting Statistics" which cover the period 1965—1969. The figures given differ to some extent from earlier information in the International Whaling Statistics. Tables Z<sup>2</sup> and i show the corrected figures for the Greenland catch of small and large whales respectively in the period 1965—1969.

The following quotation refers to the Introduction to "Greenland Hunting Statistics":

In «Summary of Hunting Statistics for Greenland, 1969» the number of catches of large marine and terrestrial mammals and of shark (the Greenland shark) have been recorded. Moreover, the Summary shows the purchases made by the Royal Greenland Trade Department of Greenland game hunting products, fish products, and sheep farming products.

The results have been taken from hunting lists kept at the various settlements by a recorder appointed for that purpose by the local council. Up to and including March 31st, 1969, hunting lists have been kept for the period April 1st through March 31st (the following year). Considering that the hunting lists are in future to follow the calendar year, the lists commenced on April 1st, 1969, were to be kept for only nine months up to and including December 31st, 1969, from which date the new lists have been used. The results for 1969, therefore, have been taken from two sets of hunting lists, the period January 1st through March 31st being covered by the 1968/69 hunting list material, and the period April 1st through December 31st by the hunting lists for 1969.

As the material from Thule is incomplete and no material has been received from Scoresbysund, the result stated for these municipalities is based on the Royal Greenland Trade Department's figures for purchases of skin. For all species, the figures given by the Royal Greenland Trade Department are lower than actual catches, seeing that the hunters first supply their own needs and then sell from what they have left over.

From West Greenland and Angmagssalik the Summary includes 3,466 hunting lists for 1969, compared with 3,576 for 1968 and 3,137 for 1967.

For small whale statistical purposes, Canada has subdivided her arctic waters into three bio-geographical areas:

Western Arctic

Eastern Arctic

Hudson and James Bays

A further statistical area has been designated, the St. Lawrence River. To conform to these areas, Canada has revised her small whale statistics for the period 1951 and onwards. These revised statistics are printed in tables Z<sup>7</sup> and Z<sup>9</sup>. The annual period of catch is July to October inclusive without any refinement as to the catch for individual months. The catch figures do not include sinking losses which are estimated to be 50 % for narwhal but significantly less for white whales.

The revised statistics differs considerably from figures previously reported to the Bureau of International Whaling Statistics. These figures are printed in International Whaling Statistics No. XLIII and the subsequent uneven numbers of International Whaling Statistics.

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## Annex.

### Supplementary Tables to the Introduction.

**Table a.—Whaling matériel in operation.**

Years. <sup>1)</sup>	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1968—69 ....	22	12	195	—	6	84	22	6	111
1969—70 ....	21	11	191	—	6	85	21	5	106
1970—71 ....	20	11	176	—	6	86	20	5	90
1971—72 ....	19	12	169	—	7 <sup>2)</sup>	88 <sup>2)</sup>	19	5	81
1972—73 ....	14	13	181	—	7 <sup>2)</sup>	82 <sup>2)</sup>	14	6	99

<sup>1)</sup> 1968/69 = Antarctic season 1968/69 and outside the Antarctic in the calendar year 1969 a.s.o. <sup>2)</sup> Of which 1 floating factory with 4 catchers caught minke whales only.

**Table b.—Whales killed, by species.<sup>1)</sup>**

Years.	Blue.	Fin.	Hump-back.	Sei/Bryde's.	Sperm.	Others.	Total of whales.
1968—69 ....	—	5,320	9	12,483	23,929	350	42,091
1969—70 ....	1	5,212	15	11,561	25,521	146	42,456
1970—71 ....	9	4,547	24	11,372	22,642	152	38,746
1971—72 ....	—	4,191	6	8,804	18,558	221	31,780
1972—73 ....	7	2,616	15	7,425	22,073	216	32,352

<sup>1)</sup> Exclusive small whales — See tables Z<sup>2</sup> — Z<sup>11</sup>.

**Table c.—Whales killed in the various main areas.<sup>1)</sup>**

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic. <sup>2)</sup>	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic).	
							Japan.	U.S.S.R.
1968—69 ....	42,091	11,478	2,078	1,249	183	4,299	7,167	9,895
1969—70 ....	42,456	11,949	1,880	1,204	73	4,118	6,453	9,845
1970—71 ....	38,746	12,098	2,143	1,368	53	3,842	4,874	6,649
1971—72 ....	31,780	11,508	1,698	1,037	—	3,442	4,039	2,128
1972—73 ....	32,352	9,840	1,658	465	—	2,593	3,771	5,249

	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.
1968—69 ....	253	2,305	679	1,101	570	—	834
1969—70 ....	291	1,935	799	1,617	1,226	156	910
1970—71 ....	253	1,773	860	1,587	1,571	736	939
1971—72 ....	<sup>3)</sup>	1,896	953	1,463	1,691	971	954
1972—73 ....	<sup>3)</sup>	1,838	971	2,779	522	1,730	936

<sup>1)</sup> Exclusive small whales — See tables Z<sup>2</sup> — Z<sup>11</sup>. <sup>2)</sup> Excluding Spain, Azores and Madeira. <sup>3)</sup> No information

Table d.—Oil production in the various main areas.

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic <sup>1</sup>	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic)	
							Japan.	U.S.S.R.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1968—69 ..	1,205,332	385,822	50,657	43,329	4,533	87,124	174,900	322,436
1969—70 ..	1,216,851	393,291	45,002	38,252	1,724	74,273	181,159	308,518
1970—71 ..	1,123,614	390,423	46,959	40,250	1,115	73,532	145,571	231,746
1971—72 ..	923,282	387,064	46,194	31,848	—	64,720	112,071	78,600
1972—73 ..	859,296	345,539	40,704	14,692	—	53,740	106,406	111,970
	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	
1968—69 ..	5,300	46,978	27,045	<sup>3</sup> )19,824	18,234	—	19,150	
1969—70 ..	6,500	40,245	33,307	30,749	35,357	5,289	23,185	
1970—71 ..	<sup>2</sup> ) 5,500	31,271	34,894	34,279	43,366	21,892	22,816	
1971—72 ..	<sup>5</sup> )	29,741	34,590	<sup>4</sup> )38,432	48,131	31,384	20,507	
1972—73 ..	<sup>5</sup> )	27,441	33,415	56,426	10,906	37,411	20,646	

<sup>1</sup>) Excluding Spain, Azores and Madeira. <sup>2</sup>) Calculated. <sup>3</sup>) Excluding oil produced of 446 whales. See table m 2. <sup>4</sup>) Excluding oil produced of 148 sei whales. <sup>5</sup>) No information.

Table e.—Whaling results for the various countries. All areas. Number of whales killed.<sup>1</sup>)

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.	Somali Rep.
1968—69 ...	42,091	679	137	695	253	423	16,782	446	—
1969—70 ...	42,456	799	102	712	291	377	16,251	628	—
1970—71 ...	38,746	860	75	710	253	554	15,794	602	—
1971—72 ...	31,780	953	72	586	<sup>2</sup> )	446	14,039	72	76
1972—73 ...	32,352	971	82	—	<sup>2</sup> )	453	11,268	—	491
		Denmark	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.
1968—69 .....		3	128	2,305	228	315	2,078	183	17,436
1969—70 .....		1	228	1,935	249	413	1,880	73	18,517
1970—71 .....		5	196	1,773	353	361	2,143	53	15,014
1971—72 .....		5	33	1,896	390	271	1,698	39	11,204
1972—73 .....		12	—	1,838	388	251	1,658	37	14,903

<sup>1</sup>) Exclusive small whales. — See tables Z<sup>2</sup>—Z<sup>11</sup>. <sup>2</sup>) No information.

Table f.—Whaling results for the various countries. All areas. Oil production in barrels.<sup>1</sup>)

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.
1968—69 ...	1,205,332	27,045	5,046	20,376	5,300	16,518	423,955	<sup>3</sup> )
1969—70 ...	1,216,851	33,307	5,592	18,978	6,500	14,647	425,391	2,147
1970—71 ...	1,123,614	34,894	5,687	19,130	<sup>2</sup> )5,500	16,863	420,555	4,088
1971—72 ..	923,282	34,590	5,203	17,298	<sup>3</sup> )	14,550	358,742	<sup>3</sup> ) <sup>4</sup> )
1972—73 ..	859,296	33,415	4,874	—	<sup>3</sup> )	14,692	295,129	<sup>4</sup> )1,626

Cont. next p.

Table f cont.

	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.
1968—69 .....	6,435	46,978	5,364	<sup>2)</sup> 8,740	50,657	4,533	584,385
1969—70 .....	6,835	40,245	6,293	<sup>2)</sup> 11,300	45,002	1,724	598,890
1970—71 .....	6,248	31,271	8,149	<sup>2)</sup> 8,980	46,959	1,115	514,175
1971—72 .....	836	29,741	8,084	<sup>2)</sup> 7,220	46,194	—	400,824
1972—73 .....	—	27,441	9,292	<sup>2)</sup> 6,480	40,704	—	425,643

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg) <sup>2)</sup> Calculated. <sup>3)</sup> No information.  
<sup>4)</sup> Somali Rep.

Table g.—Sperm-oil production.

Grounds	<sup>1)</sup> 1968/69	1969/70	1970/71	1971/72	1972/73
	Barrels	Barrels	Barrels	Barrels	Barrels
Antarctic, pelagic .....	113,764	125,027	116,714	133,377	167,734
Africa:					
Natal .....	42,200	42,319	42,624	42,923	37,494
South Atlantic, pelagic .....	19,824	29,114	32,526	38,432	54,800
Brazil .....	4,166	932	862	1,047	770
North Atlantic and Arctic:					
Azores .....	3,999	5,432	6,984	6,785	7,627
Madeira .....	1,365	861	1,165	1,299	1,665
Spain .....	<sup>2)</sup> 3,860	<sup>2)</sup> 5,220	<sup>2)</sup> 5,460	<sup>2)</sup> 3,620	<sup>2)</sup> 3,560
Norway .....	5,820	2,711	3,117	—	—
Iceland .....	5,378	3,254	5,532	3,887	2,519
Newfoundland .....	342	94	—	76	—
Nova Scotia .....	—	1,153	1,853	1,799	—
Pacific North:					
California .....	1,034	1,520	918	—	—
Pelagic, Japan .....	100,882	123,582	89,388	72,365	82,959
Pelagic, U.S.S.R. ....	290,487	288,567	216,882	70,512	102,229
Japan, coastal .....	79,300	67,827	68,148	60,314	51,800
Indian Ocean .....	18,234	35,357	42,941	48,131	10,906
South Pacific Ocean .....	—	5,289	21,892	31,384	37,411
Peru .....	36,663	31,047	24,174	26,629	24,629
Chile .....	4,900	<sup>2)</sup> 6,000	<sup>2)</sup> 5,250	<sup>3)</sup> —	<sup>3)</sup> —
Australia .....	27,045	33,307	34,894	34,590	33,415
	759,263	808,613	721,324	577,170	619,518
Of which produced by:					
Norway .....	5,820	4,619	5,108	800	—
South Africa .....	42,200	42,319	42,624	42,923	37,494
Japan .....	180,182	201,421	192,754	158,885	154,759
U.S.S.R. ....	442,309	470,922	391,411	294,830	353,080
Canada, coastal .....	342	1,247	1,853	1,875	—
Portugal .....	5,364	6,293	8,149	8,084	9,292
Australia .....	27,045	33,307	34,894	34,590	33,415
Spain .....	<sup>2)</sup> 3,860	<sup>2)</sup> 5,220	<sup>2)</sup> 5,460	<sup>2)</sup> 3,620	<sup>2)</sup> 3,560
Iceland .....	5,378	3,254	5,532	3,887	2,519
Peru .....	36,663	31,047	24,174	26,629	24,629
Brazil .....	4,166	932	862	1,047	770
Chile .....	4,900	<sup>2)</sup> 6,000	<sup>2)</sup> 5,250	<sup>3)</sup> —	<sup>3)</sup> —
U.S.A. ....	1,034	1,520	918	—	—
Bahamas .....	<sup>3)</sup> —	512	2,335	—	—

<sup>1)</sup> 1968/69 = Antarctic season 1968/69 and outside the Antarctic in the calendar year 1969 a.s.o. <sup>2)</sup> Calculated.  
<sup>3)</sup> No information.

Table h.—Average size of whales killed in the different grounds.

Species of whales and whaling grounds	1973	1972	1971	1970	1969
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
<b><u>Fin whales.</u></b>					
Antarctic:—					
Pelagic whaling .....	66,2	65,7	65,7	66,40	66,63
Africa:—					
Natal .....	62,0	61,5	62,3	60,55	61,28
Brazil .....	—	—	—	—	—
North Atlantic and Arctic:—					
Norway .....	—	—	60,7	63,09	57,69
Iceland .....	60,5	60,5	60,7	60,86	61,11
Newfoundland .....	—	59,5	59,3	59,30	59,33
Nova Scotia .....	—	56,8	57,6	56,89	56,73
Pacific North:—					
California .....	—	—	56,0	59,20	58,48
Pelagic, Japan .....	60,3	60,7	60,9	62,48	61,33
Pelagic, U.S.S.R. ....	60,8	60,0	60,4	60,89	60,37
Japan, coastal .....	59,2	58,4	59,6	60,10	60,58
<b><u>Sei whales.</u></b>					
Antarctic:—					
Pelagic whaling .....	47,5	47,1	47,4	47,90	47,97
Africa:—					
Natal .....	46,5	44,5	42,2	44,75	42,67
Brazil .....	47,4	48,4	46,9	49,85	—
North Atlantic and Arctic:—					
Norway .....	—	—	—	—	—
Iceland .....	43,8	43,2	43,8	44,95	44,87
Newfoundland .....	—	—	—	—	—
Nova Scotia .....	—	43,7	44,5	44,55	44,51
Pacific North:—					
California .....	—	—	47,5	44,75	44,30
Pelagic, Japan .....	44,1	44,5	44,7	45,15	44,92
Pelagic, U.S.S.R. ....	43,8	46,0	43,4	44,71	44,50
Japan coastal .....	43,3	42,1	43,9	42,95	44,96
South Atlantic Ocean, pelagic .....	43,7	45,4	—	—	—
<b><u>Bryde's whales.</u></b>					
Pacific North:—					
Pelagic, Japan .....	—	—	41,4	—	—
Pelagic, U.S.S.R. ....	41,7	41,0	42,6	—	—
Japan coastal .....	39,8	40,2	41,9	—	—
<b><u>Minke whales.</u></b>					
Antarctic:—					
Pelagic whaling .....	26,7	28,0	—	—	—
Africa:—					
Natal .....	27,2	26,5	26,4	—	—
Brazil .....	28,4	29,3	27,6	—	—
North Atlantic and Arctic:—					
Newfoundland .....	—	21,3	22,5	—	—
<b><u>Sperm whales.</u></b>					
Antarctic:—					
Pelagic whaling .....	44,3	44,7	43,4	44,90	45,48
Africa:—					
Natal .....	36,1	37,8	35,8	37,10	36,29

Cont. next p.

Table h cont.

Species of whales and whaling grounds	1973	1972	1971	1970	1969
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
South Atlantic, pelagic .....	35,9	41,1	41,2	41,50	41,55
Brazil .....	31,3	35,7	36,2	37,16	—
North Atlantic and Arctic:—					
Norway .....	—	—	—	49,59	49,32
Iceland .....	49,5	49,4	50,4	49,85	49,41
Newfoundland .....	—	—	—	—	—
Nova Scotia .....	—	45,8	47,4	—	—
Pacific North:—					
California .....	—	—	38,4	38,74	38,62
Pelagic, Japan .....	43,3	44,8	45,5	44,65	41,96
Pelagic, U.S.S.R. ....	36,6	43,1	42,1	41,20	42,33
Japan coastal .....	35,8	36,4	37,1	36,82	37,25
South Pacific Ocean, pelagic .....	35,7	41,5	40,4	40,99	—
Indian Ocean, pel .....	36,5	40,8	40,5	40,59	41,45
Australia .....	40,0	40,9	43,3	43,59	42,74



**Table i.—North Atlantic and Arctic.**  
(Exclusive Azores, Madeira and Spain.)

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.	
<i>North Atlantic and Arctic. Total</i>	1969	—	800	8	222	219	—	1,249	43,329	6	—	13	
	1970	—	911	15	139	139	—	1,204	38,252	5	—	12	
	1971	—	663	24	476	205	—	1,368	40,250	5	—	10	
	1972	—	599	3	315	120	—	1,037	31,848	4	—	8	
	1973	—	269	9	139	47	1	465	14,692	1	—	4	
<i>Norway.</i>	1969	—	16	—	1	111	—	128	6,435	2	—	4	
	1970	—	44	—	—	51	—	95	4,327	1	—	2	
	1971	—	37	—	—	62	—	99	4,257	1	—	3	
	1972	—	—	—	—	—	—	—	—	—	—	—	
<i>Iceland.</i>	1969	—	251	—	69	103	—	423	16,518	1	—	4	
	1970	—	272	—	44	61	—	377	14,647	1	—	4	
	1971	—	208	—	240	106	—	554	16,863	1	—	4	
	1972	—	238	—	132	76	—	446	14,550	1	—	4	
	1973	—	267	—	139	47	—	453	14,692	1	—	4	
<i>Greenland.</i>	1965	—	—	1	—	1	—	2					
	1966	—	—	4	—	—	—	4					
	1967	—	—	4	—	—	—	4					
	1968	—	1	5	—	—	—	6					
	1969	—	—	3	—	—	—	3					
	1970	—	—	—	1	—	—	1					
	1971	—	—	4	1	—	—	5					
	1972	—	1	3	—	1	—	5					
	1973	—	2	9	—	—	1	12					
<i>Nova Scotia.</i>	1969	—	157	—	149	—	—	306	7,033	1	—	2	
	1970	—	170	1	93	25	—	289	7,168	1	—	2	
	1971	—	117	4	235	37	—	393	9,951	1	—	1	
	1972	—	95	—	183	41	—	319	8,325	1	—	1	
<i>Newfoundland and Labrador.</i>	1969	—	376	5	3	5	—	389	13,343	2	—	3	
	1970	—	406	14	1	2	—	423	11,810	2	—	3	
	1971	—	301	16	—	—	—	317	9,179	2	—	2	
	1972	—	265	—	—	2	2)	267 <sup>3)</sup>	8,973	2	—	3	
<i>Pelagic.</i>	1970	—	19	—	—	—	—	19	300		—	1	

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton). <sup>2)</sup> In addition minke whales — See table Z<sup>2</sup>. <sup>3)</sup> Incl. oil from minke whales.

**Table j.—Azores.**

Years	Species of whales caught.							Oil production.	Expeditions. <sup>1)</sup>		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	145	—	145	Barrels. 3,999	—	—	—
1970	—	—	—	—	205	—	205	5,432	—	—	—
1971	—	—	—	—	286	—	286	6,984	—	—	—
1972	—	—	—	—	327	—	327	6,785	—	—	—
1973	—	—	—	—	311	—	311	7,627	—	—	—

<sup>1)</sup> Several small shore stations.

**Table k.—Madeira.**

Years	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	83	—	83	Barrels. 1,365	—	—	—
1970	—	—	—	—	44	—	44	861	—	—	—
1971	—	—	—	—	67	—	67	1,165	—	—	—
1972	—	—	—	—	63	—	63	1,299	—	—	—
1973	—	—	—	—	77	—	77	1,665	—	—	—

<sup>1)</sup> Several small shore stations.

**Table l.—Spain.**

Years	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	193	<sup>1)</sup> 122	315	Barre s. <sup>2)</sup> 8,740	3	—	3
1970	—	152	—	—	261	—	413	<sup>2)</sup> 11,300	3	—	3
1971	—	88	—	—	273	—	361	<sup>2)</sup> 8,980	3	—	<sup>3)</sup>
1972	—	90	—	—	181	—	271	<sup>2)</sup> 7,220	3	—	<sup>3)</sup>
1973	—	73	—	—	178	—	251	<sup>2)</sup> 6,480	1	—	<sup>3)</sup>

<sup>1)</sup> Baleen whales. No specification. <sup>2)</sup> Calculated. <sup>3)</sup> No information.

**Table m.—South Atlantic Ocean. (North of 40° South Lat.)**

1. Catch by floating factories on voyage to and from the Antarctic whaling grounds.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	655	—	655	19,824	—	<sup>1)</sup> (2)	<sup>1)</sup> —
1970	—	—	—	—	907	—	907	26,846	—	<sup>1)</sup> (2)	<sup>1)</sup> —
1971	—	—	—	2	886	—	888	28,200	—	<sup>1)</sup> (2)	<sup>1)</sup> —
1972	—	—	—	8	1,277	—	1,285	37,632	—	<sup>1)</sup> (2)	<sup>1)</sup> —
1973	—	—	—	—	2,288	—	2,288	54,800	—	<sup>1)</sup> (2)	<sup>1)</sup> —

<sup>1)</sup> The material is included in the Antarctic statistics.

Cont. next p.

Table m cont.

## 2. Catch by combined floating factory/catcher.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	318	128	-	446	<sup>1)</sup>	-	-	1
1970	-	-	-	455	255	-	710	3,903	-	-	2
1971	-	-	-	378	321	-	699	6,079	-	-	2
1972	-	-	-	148	30	-	178	<sup>2)</sup> 800	-	-	2
1973	-	1	-	490	-	-	491	1,626	-	-	1

<sup>1)</sup> No information. <sup>2)</sup> No information. Oil produced of 148 sei whales.

Table n.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production. <sup>2)</sup>	Expeditions.			
		Blue	Fin.	Hump-back.	Sei.	Sperm	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Natal.</i>	1969	-	150	-	40	1,885	<sup>1)</sup> 3	<sup>2)</sup> 2,078	Barrels.	50,657	1	-	7
	1970	-	47	-	8	1,824	<sup>1)</sup> 1	1,880	45,002	1	-	7	
	1971	-	64	-	10	2,068	<sup>1)</sup> 1	2,143	46,959	1	-	6	
	1972	-	51	-	4	1,640	<sup>1)</sup> 3	1,698	46,194	1	-	6	
	1973	-	41	1	4	1,606	<sup>1)</sup> 6	1,658	40,704	1	-	6	

<sup>1)</sup> Bryde's whales. <sup>2)</sup> In addition minke whales — see table Z<sup>2</sup>. <sup>3)</sup> Incl. oil from minke whales.

Table o.—Pacific North.

(Exclusive Japan, Bering Sea, and Kuril Islands.)

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>California.</i>	1969	-	31	-	10	68	<sup>1)</sup> 74	183	Barrels.	4,533	1	-	3
	1970	-	5	-	4	64	-	73	1,724	1	-	3	
	1971	-	4	-	2	47	-	53	1,115	1	-	3	
	1972	-	-	-	-	-	-	-	-	-	-	-	
<i>U.S.S.R. coastal</i>	1969	-	-	-	-	-	<sup>1)</sup> 154	154	-	-	-	-	
	1970	-	-	-	-	-	<sup>1)</sup> 146	146	-	-	-	-	
	1971	-	-	-	-	-	<sup>1)</sup> 150	150	-	-	-	-	
	1972	-	-	-	-	-	<sup>1)</sup> 182	182	-	-	-	-	
	1973	-	-	-	-	-	<sup>1)</sup> 178	178	-	-	-	-	
<i>U.S.A.</i>	1972	-	-	-	-	-	<sup>2)</sup> 39	39	-	-	-	-	
	1973	-	-	-	-	-	<sup>3)</sup> 37	37	-	-	-	-	

<sup>1)</sup> Gray whales. <sup>2)</sup> 38 right whales and 1 gray whale. <sup>3)</sup> Right whales.

Table p.—Japan.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	76	—	466	3,668	<sup>1)</sup> 89	4,299	Barrels. 87,124	7	—	14
1970	—	77	—	484	3,484	<sup>1)</sup> 73	4,118	74,273	7	—	12
1971	—	66	—	276	3,328	<sup>1)</sup> 172	3,842	73,532	6	—	12
1972	—	82	—	215	3,020	<sup>1)</sup> 125	3,442	64,720	8	—	12
1973	—	43	—	43	2,436	<sup>1)</sup> 71	2,593	53,740	8	—	12

<sup>1)</sup> Bryde's whales.

Table q.—North Pacific Ocean and Bering Sea. — Japan.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	576	—	3,591	3,000	—	7,167	Barrels. 174,900	—	3	27
1970	—	518	—	3,235	2,700	—	6,453	181,159	—	3	27
1971	—	542	—	2,431	1,803	<sup>1)</sup> 98	4,874	145,571	—	3	26
1972	—	426	—	2,041	1,567	<sup>1)</sup> 5	4,039	112,071	—	3	25
1973	—	256	—	1,710	1,803	<sup>1)</sup> 2	3,771	106,406	—	3	22

<sup>1)</sup> Bryde's whales.

Table r.—North Pacific Ocean and Bering Sea — U.S.S.R.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	593	—	1,091	8,211	—	9,895	Barrels. 322,436	—	3	31
1970	—	412	—	782	8,585	<sup>1)</sup> 66	9,845	308,518	—	2	30
1971	—	190	—	296	5,525	<sup>1)</sup> 638	6,649	231,746	—	2	28
1972	—	250	—	71	1,736	<sup>1)</sup> 71	2,128	78,600	—	2	19
1973	—	161	—	103	4,329	<sup>1)</sup> 656	5,249	111,970	—	3	46

<sup>1)</sup> Bryde's whales.

Table s.—Brazil.

Years.	Species of whales caught.							Oil production. <sup>2)</sup>	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	62	75	—	<sup>1)</sup> 137	Barrels 5,046	1	—	1
1970	—	—	—	26	76	—	102	5,592	1	—	1
1971	—	—	—	20	55	—	75	5,687	1	—	1
1972	—	1	—	5	66	—	72	5,203	1	—	1
1973	—	—	—	7	75	—	82	4,874	1	—	1

<sup>1)</sup> In addition minke whales — see table Z<sup>3</sup>. <sup>2)</sup> Incl. oil from minke whales.

**Table t.—Peru.**

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1969	—	74	—	784	1,447	—	2,305	Barrels. 46,978	1	—	5
1970	—	85	—	414	1,436	—	1,935	40,245	1	—	4
1971	—	37	—	415	1,321	—	1,773	31,271	1	—	1)
1972	—	9	—	337	1,550	—	1,896	29,741	1	—	4
1973	—	11	—	19	1,497	2)311	1,838	27,441	1	—	4

1) No information 2) See introduction.

**Table u.—Chile.**

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1968	—	25	1	83	319	—	428	1) 8,350	1	—	5
1969	—	—	1	31	221	2)	253	1) 5,300	1	—	4
1970	1	3	—	17	270	—	291	1) 6,500	1	—	3
1971	1	3	—	1	246	2	253	1) 5,500	1	—	3)
1972	—	—	—	—	—	—	3)	—	—	—	—
1973	—	—	—	—	—	—	3)	—	—	—	—

1) Calculated. 2) In addition 1 killer whale. 3) No information.

**Table v.—South Pacific Ocean. (North of 40° South Lat.)<sup>1)</sup>**

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1969	—	—	—	—	—	—	—	Barrels. —	—	—	—
1970	—	—	—	—	156	—	156	5,289	—	2) (1)	2)–
1971	3	—	—	1	732	—	736	21,892	—	2) (2)	2)–
1972	—	—	—	—	971	—	971	31,384	—	2) (2)	2)–
1973	—	—	—	—	1,730	—	1,730	37,411	—	2) (2)	2)–

1) Catch by fl. factories outside the Antarctic grounds. 2) Incl. in the Antarctic statistics.

**Table w.—Indian Ocean. (North of 40° South Lat.)<sup>1)</sup>**

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1969	—	—	—	—	570	—	570	18,234	—	2) (3)	2)–
1970	—	—	—	—	1,226	—	1,226	35,357	—	2) (4)	2)–
1971	5	—	—	2	1,564	—	1,571	43,366	—	2) (5)	2)–
1972	—	—	—	—	1,691	—	1,691	48,131	—	2) (4)	2)–
1973	—	—	—	—	522	—	522	10,906	—	2) (1)	2)–

1) Catch by fl. factories outside the Antarctic grounds. 2) Incl. in the Antarctic statistics.

Table x.—Australia.

Years	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1969	—	—	—	—	679	—	679	Barrels. 27,045	1	—	3
1970	—	—	—	—	799	—	799	33,307	1	—	3
1971	—	—	—	—	860	—	860	34,894	1	—	3
1972	—	—	—	—	953	—	953	34,590	1	—	4
1973	—	—	—	—	971	—	971	33,415	1	—	3

Table Z<sup>1</sup>. — Production of by-products in the Antarctic and on other whaling grounds.

	Whale meal, bone meal	Whale liver	Liveroil	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
1968-69 . . . . . Total	49,705	1,964	21	159,021	5,934	24,140
1969-70 . . . . . »	45,183	1,887	10	163,458	8,438	24,117
1970-71 . . . . . »	38,852	1,778	<sup>1)</sup>	158,644	9,282	16,308
1971-72 . . . . . »	41,127	1,829	<sup>2)</sup>	158,405	5,801	2,361
1972-73 . . . . . »	38,161	1,686	<sup>3)</sup>	127,949	5,772	16,129
<i>Summary by grounds</i>						
Antarctic 1972-73 <sup>4)</sup> . . . . .	13,423	1,516	<sup>5)</sup>	87,384	1,624	12,216
<i>Africa:—</i>						
Natal . . . . .	<sup>6)</sup> 5,128	—	—	<sup>6)</sup> 795	—	<sup>6)</sup> 127
Brazil . . . . .	<sup>6)</sup> 416	—	—	<sup>6)</sup> 1,971	—	—
<i>North Atlantic and Arctic:—</i>						
Azores . . . . .	111	—	—	—	—	—
Madeira . . . . .	107	—	—	—	—	—
Spain <sup>7)</sup> . . . . .	—	—	—	—	—	—
Iceland . . . . .	1,846	—	—	2,622	—	132
<i>North Pacific Ocean, pel.</i>						
Japan . . . . .	194	64	—	23,908	1,575	38
U.S.S.R. . . . .	4,160	106	<sup>8)</sup>	4,540	—	500
Japan, coastal . . . . .	8,325	—	—	1,722	—	3,109
Peru . . . . .	2,969	—	—	2,437	—	7
Chile <sup>7)</sup> . . . . .	—	—	—	—	—	—
Australia . . . . .	1,482	—	—	—	2,573	—
South Atlantic Ocean . . . . .	—	—	—	2,570	—	—
Total . . . . .	38,161	1,686	<sup>3)</sup>	127,949	5,772	16,129

<sup>1)</sup> 11,049,000 Mill. units of Vitamin A were produced. <sup>2)</sup> 4, 393,000 Mill. units of Vitamin A were produced.  
<sup>3)</sup> 5,618,000 Mill. units of Vitamin A were produced. <sup>4)</sup> See publication No. LXXII, page 11. <sup>5)</sup> 1,915,000  
Mill. units of Vitamin A were produced. <sup>6)</sup> Inclusive products from minke whales. <sup>7)</sup> No information.  
<sup>8)</sup> 3,703,000 Mill. units of Vitamin A were produced.

Table Z.<sup>2</sup> — Catch of small whales by species and countries.

Years countries	Species of whales caught								
	Minke- whales	Bottle- noses	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1965 .....	3,113	699	3,578	275	1,198	174	185	919	252
1966 .....	3,186	341	2,937	311	1,494	174	263	946	230
1967 .....	3,270	271	3,072	143	1,355	107	250	1,135	296
1968 .....	4,477	385	2,262	110	1,981	117	567	1,531	293
1969 .....	3,725	486	1,552	248	1,333	138	246	1,339	56
1970 .....	3,824	536	738	277	1,827	113	505	1,184	214,091
1971 .....	4,057	213	1,215	94	750	118	262	1,320	167,106
1972 .....	7,160	19	603	50	1,207	86	120	1,047	228,017
1973 .....	9,556	30	1,127	25	1,607	32	546	778	5
1965.									
Brazil .....	67	—	—	—	—	—	—	—	—
Canada .....	41	6	1,520	—	769	—	85	—	—
Denmark:									
Faroe Islands	—	—	1,599	—	—	—	—	—	177
Greenland ...	195	—	139	1	429	—	100	919	4
Japan .....	336	—	288	169	—	172	—	—	71
Norway .....	2,468	692	32	104	—	—	—	—	—
South Africa ..	2	—	—	—	—	—	—	—	—
U.S.A. ....	—	—	—	—	—	2	—	—	—
U.S.S.R. ....	4	1	—	1	—	—	—	—	—
Total .....	3,113	699	3,578	275	1,198	174	185	919	252
1966.									
Brazil .....	352	—	—	—	—	—	—	—	—
Canada .....	28	—	887	—	933	2	111	—	—
Denmark:									
Faroe Islands	19	—	1,478	2	—	—	—	—	6
Greenland ...	254	—	34	—	561	—	152	946	4
Japan .....	365	—	199	137	—	171	—	—	220
Norway .....	2,155	340	339	163	—	—	—	—	—
Peru .....	—	—	—	1	—	—	—	—	—
South Africa ..	5	—	—	—	—	—	—	—	—
U.S.A. ....	—	—	—	1	—	1	—	—	—
U.S.S.R. ....	8	1	—	7	—	—	—	—	—
Total .....	3,186	341	2,937	311	1,494	174	263	946	230
1967.									
Brazil .....	488	—	—	—	—	—	—	—	—
Canada .....	41	5	739	1	761	—	90	—	—
Denmark:									
Faroe Islands	21	—	1,979	—	—	—	—	—	1
Greenland ...	237	—	—	—	594	—	160	1,135	1
Japan .....	285	—	237	101	—	107	—	—	294
Norway .....	2,178	264	117	36	—	—	—	—	—
South Africa ..	6	—	—	—	—	—	—	—	—
U.S.A. ....	—	—	—	1	—	—	—	—	—
U.S.S.R. ....	14	2	—	4	—	—	—	—	—
Total .....	3,270	271	3,072	143	1,355	107	250	1,135	296

Cont. next p.

Table Z<sup>2</sup> cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- noses	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
<b>1968.</b>									
Bahamas .....	3	-	-	-	-	-	-	-	-
Brazil .....	456	-	-	-	-	-	-	-	-
Canada .....	-	-	311	-	722	-	65	-	-
Denmark:									
Faroe Islands	32	-	1,749	-	9	-	-	-	-
Greenland ...	312	-	5	2	1,250	-	502	1,531	19
Japan .....	836	-	166	22	-	117	-	-	274
Norway .....	2,733	384	31	86	-	-	-	-	-
South Africa ..	97	-	-	-	-	-	-	-	-
U.S.S.R. ....	8	1	-	-	-	-	-	-	-
Total .....	4,477	385	2,262	110	1,981	117	567	1,531	293
<b>1969.</b>									
Bahamas .....	3	-	-	-	-	-	-	-	-
Brazil .....	617	-	-	-	-	-	-	-	-
Canada .....	50	-	-	-	355	-	25	-	-
Denmark:									
Faroe Islands	-	-	1,395	-	-	-	-	-	-
Greenland ...	263	-	-	1	978	-	221	1,339	-
Japan .....	272	-	130	16	-	138	-	-	56
Norway .....	2,391	485	27	231	-	-	-	-	-
South Africa ..	112	-	-	-	-	-	-	-	-
U.S.S.R. ....	17	1	-	-	-	-	-	-	-
Total .....	3,725	486	1,552	248	1,333	138	246	1,339	56
<b>1970.</b>									
Bahamas .....	1	-	-	-	-	-	-	-	-
Brazil .....	701	-	-	-	-	-	-	-	-
Canada .....	86	-	155	-	411	-	88	-	-
Denmark:									
Faroe Islands	-	-	388	-	-	-	-	-	60
Greenland ...	197	1	-	1	1,416	-	417	1,184	2
Japan .....	330	-	152	12	-	113	-	-	29
Norway .....	2,308	535	43	257	-	-	-	-	-
South Africa ..	171	-	-	-	-	-	-	-	-
U.S.A. ....	-	-	-	-	-	-	-	-	1)214,000
U.S.S.R. ....	30	-	-	7	-	-	-	-	-
Total .....	3,824	536	738	277	1,827	113	505	1,184	214,091
<b>1971.</b>									
Brazil .....	900	-	-	-	-	-	-	-	-
Canada .....	73	-	-	2	2) 13	-	30	-	-
Denmark:									
Faroe Islands	3	-	1,032	1	-	-	-	-	80
Greenland ...	186	-	-	2	737	-	232	1,320	1
Japan .....	289	-	181	10	-	118	-	-	25
Norway .....	2,362	213	-	70	-	-	-	-	-
South Africa ..	204	-	-	-	-	-	-	-	-
U.S.A. ....	-	-	-	-	-	-	-	-	1)167,000
U.S.S.R. ....	40	-	2	9	-	-	-	-	-
Total .....	4,057	213	1,215	94	750	118	262	1,320	167,106

Cont. next p.



Table Z<sup>2</sup> cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- noses	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1972.									
Brazil .....	702	—	—	—	—	—	—	—	—
Canada .....	97	—	—	—	<sup>2</sup> )181	—	—	—	—
Denmark:									
Faroe Islands	—	—	511	—	—	—	—	—	—
Greenland ...	145	—	1	—	841	—	120	1,047	—
Iceland .....	35	—	—	—	—	—	—	—	—
Japan .....	3,354	—	91	3	—	86	—	—	17
Norway .....	2,650	17	—	28	—	—	—	—	—
Somali Republic	1	—	—	—	—	—	—	—	—
South Africa ..	135	—	—	17	—	—	—	—	—
U.S.A. ....	—	—	—	—	185	—	—	—	<sup>1</sup> )228,000
U.S.S.R. ....	41	2	—	2	—	—	—	—	—
Total .....	7,160	19	603	50	1,207	86	120	1,047	228,017
1973.									
Brazil .....	650	—	—	—	—	—	—	—	—
Canada .....	—	—	—	—	538	—	341	—	—
Denmark:									
Faroe Islands	—	—	1,050	1	—	—	—	—	—
Greenland ...	268	—	—	—	1,069	—	205	778	2
Iceland .....	122	—	—	—	—	—	—	—	—
Japan .....	2,633	—	77	—	—	32	—	—	2
Norway .....	2,055	3	—	1	—	—	—	—	—
Somali Republic	2	—	—	—	—	—	—	—	—
South Africa ..	173	—	—	8	—	—	—	—	1
U.S.A. <sup>3</sup> ) ....	—	—	—	—	—	—	—	—	<sup>3</sup> )
U.S.S.R. ....	3,653	27	—	15	—	—	—	—	—
Total .....	9,556	30	1,127	25	1,607	32	546	778	5

<sup>1</sup>) Estimated. See Introduction and page 9 No. LXIX, pages 27—30 No. LXXI. <sup>2</sup>) Data incomplete. <sup>3</sup>) No information — see Introduction.

**Table Z<sup>3</sup>.—Catch of Minke-whales (*Balaenoptera acutorostrata*)  
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total .....	1969	—	—	17	73	583	1,246	106	363	3	—	—	—	2,391
	1970	—	—	3	85	695	916	200	372	36	—	—	1	2,308
	1971	—	—	7	69	559	1,077	246	362	42	—	—	—	2,362
	1972	—	—	—	63	791	1,370	164	239	23	—	—	—	2,650
	1973	—	—	—	27	395	1,086	158	389	—	—	—	—	2,055
Of which:														
Coastal districts...	1969	—	—	17	19	271	457	25	75	—	—	—	—	864
	1970	—	—	3	63	151	361	67	94	4	—	—	—	743
	1971	—	—	4	48	152	224	68	27	10	—	—	—	533
	1972	—	—	—	32	273	79	8	4	1	—	—	—	397
	1973	—	—	—	23	172	153	14	30	—	—	—	—	392
Barents Sea, Spitzbergen and Bear Island ....	1969	—	—	—	19	215	559	1	18	—	—	—	—	812
	1970	—	—	—	2	471	391	4	16	—	—	—	—	884
	1971	—	—	—	—	305	696	—	—	—	—	—	—	1,001
	1972	—	—	—	7	423	1,146	—	—	—	—	—	—	1,576
	1973	—	—	—	3	195	844	—	—	—	—	—	—	1,042

Cont. next p.

Table Z<sup>a</sup> cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Shetland, Iceland, Greenland, Jan Mayen ....	1969	-	-	-	35	97	230	80	270	3	-	-	-	715
	1970	-	-	-	20	73	164	129	262	32	-	-	-	680
	1971	-	-	3	6	85	157	178	335	32	-	-	-	796
	1972	-	-	-	24	95	145	156	235	22	-	-	-	677
	1973	-	-	-	1	28	89	144	359	-	-	-	-	621
Antarctic <sup>1)</sup> .....	1969/70	-	-	-	-	-	-	-	-	-	-	-	1	1
	1970/71	-	-	-	15	17	-	-	-	-	-	-	-	32
Denmark:— Faroe Islands ....	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970	-	-	-	-	-	-	-	-	-	-	-	-	-
	1971	-	-	-	-	-	3 <sup>2)</sup>	-	-	-	-	-	-	3
	1972	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenland .....	1969	-	-	-	-	-	-	-	-	-	-	-	-	263
	1970	1	1	2	8	31	31	40	26	28	22	7	-	197
	1971	-	-	1	17	16	20	26	38	27	31	10	-	186
	1972	-	-	-	6	14	28	30	23	17	10	17	-	145
	1973	2	3	2	17	24	46	52	39	21	36	18	8	268
Iceland .....	1972	-	-	-	-	-	-	-	-	-	-	-	-	35
	1973	-	-	-	-	-	-	-	-	-	-	-	-	122
	1974	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada:— Newfoundland ...	1969	-	-	-	-	3	26	19	1	1	-	-	-	50
	1970	-	-	-	-	26	45	15	-	-	-	-	-	86
	1971	-	-	-	-	31	34	8	-	-	-	-	-	73
	1972	-	-	-	-	36	27	31	2	1	-	-	-	97
Japan:— Coastal districts ..	1969	-	-	2	32	66	61	52	13	4	-	-	-	230
	1970	-	-	6	51	146	73	29	8	5	2	-	-	320
	1971	-	-	8	59	46	85	50	23	12	2	-	-	285
	1972	-	-	1	72	56	64	91	35	18	4	-	-	341
	1973	-	-	10	73	110	144	70	69	52	13	-	-	541
Pacific, pelagic ... Antarctic <sup>1)</sup> .....	1970	-	-	-	-	-	1	1	8	-	-	-	-	10
	1968/69	41	-	1	-	-	-	-	-	-	-	-	-	42
	1969/70	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970/71	-	-	4	-	-	-	-	-	-	-	-	-	4
	1971/72	1029	671	13	-	-	-	-	-	-	-	105	1195	3,013
Brazil .....	1969	499	-	-	-	-	-	-	-	-	-	-	292	1301
	1970	-	-	-	-	-	6	49	88	137	150	153	34	617
	1971	-	-	-	-	-	8	99	135	154	148	136	21	701
	1972	-	-	-	-	-	6	77	100	251	313	153	-	900
	1973	-	-	-	-	-	5	22	84	165	187	178	61	702
Africa:— Natal .....	1969	-	-	-	-	-	-	6	88	144	210	168	34	650
	1970	-	-	-	12	19	31	13	21	16	-	-	-	112
	1971	-	-	-	12	25	9	19	28	78	-	-	-	171
	1972	-	-	-	14	31	30	32	55	42	-	-	-	204
	1973	-	-	-	10	9	32	33	11	40	-	-	-	135
U.S.S.R.:— Antarctic <sup>1)</sup> .....	1969	-	-	-	-	7	60	55	25	26	-	-	-	173
	1968/69	14	3	-	-	-	-	-	-	-	-	-	-	17
	1969/70	6	8	12	-	-	-	-	-	-	-	4	-	30
	1970/71	18	-	2	-	-	-	-	-	-	-	14	6	40
	1971/72	3	4	-	-	-	-	-	-	-	-	16	18	41
Somali Rep. <sup>3)</sup> South Atlantic ...	1969	1188	-	-	-	-	-	-	-	-	-	312	2153	3,653
	1970	-	-	-	-	-	-	-	-	-	-	-	-	3
	1971	-	-	-	-	-	-	-	-	-	-	-	-	1
	1972	-	-	-	-	-	-	-	-	-	-	-	-	1
	1973	-	-	-	-	-	1	-	-	-	-	-	1	2

<sup>1)</sup> Incl. catch north of 40° South. <sup>2)</sup> June-July. <sup>3)</sup> 1969 and 1970 — Bahamas.

**Table Z<sup>4</sup>. — Catch of Bottlenoses (*Hyperoodon ampullatus*), by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total .....	1969	—	—	—	81	139	226	29	8	2	—	—	—	485
	1970	—	—	—	48	128	358	—	1	—	—	—	—	535
	1971	—	—	—	1	49	161	2	—	—	—	—	—	213
	1972	—	—	—	11	4	2	—	—	—	—	—	—	17
	1973	—	—	—	—	3	—	—	—	—	—	—	—	3
Of which:														
Coastal districts ...	1969	—	—	—	—	4	4	—	—	—	—	—	—	8
	1970	—	—	—	1	—	4	—	1	—	—	—	—	6
Barents Sea, Spitzbergen and Bear Island ....	1969	—	—	—	65	67	16	—	2	—	—	—	—	150
	1970	—	—	—	43	38	—	—	—	—	—	—	—	81
	1973	—	—	—	—	3	—	—	—	—	—	—	—	3
Shetland, Iceland, Greenland, Jan Mayen ....	1969	—	—	—	16	68	206	29	6	2	—	—	—	327
	1970	—	—	—	4	90	354	—	—	—	—	—	—	448
	1971	—	—	—	1	49	161	2	—	—	—	—	—	213
	1972	—	—	—	11	4	2	—	—	—	—	—	—	17
Denmark:—														
Greenland.....	1970	—	—	—	—	—	—	—	—	1	—	—	—	1
U.S.S.R.:—														
Antarctic .....	1968/69	1	—	—	—	—	—	—	—	—	—	—	—	1
	1969/70	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970/71	—	—	—	—	—	—	—	—	—	—	—	—	—
	1971/72	—	2	—	—	—	—	—	—	—	—	—	—	2
	1972/73	—	—	2	—	—	—	—	—	—	—	9	16	27

**Table Z<sup>5</sup>. — Catch of Pilot-whales (*Globicephala melaena*), by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total .....	1969	—	—	—	—	2	6	1	18	—	—	—	—	27
	1970	—	—	—	—	—	4	1	38	—	—	—	—	43
Of which:														
Coastal districts ...	1969	—	—	—	—	—	—	—	3	—	—	—	—	3
	1970	—	—	—	—	—	4	—	38	—	—	—	—	42
Shetland, Iceland, Greenland, Jan Mayen ....	1969	—	—	—	—	2	6	1	15	—	—	—	—	24
	1970	—	—	—	—	—	—	1	—	—	—	—	—	1
Denmark:—														
Faroe Islands ....	1969	121	—	24	456	—	71	86	172	292	124	—	49	1,395
	1970	—	—	—	198	—	—	—	101	—	—	89	—	388
	1971	—	—	—	—	—	—	<sup>1)</sup> 17	433	394	145	—	43	1,032
	1972	—	—	—	—	—	—	29	235	188	59	—	—	511
	1973	114	—	640	250	—	—	—	—	—	46	—	—	1,050
Greenland.....	1972	—	—	—	—	—	—	—	1	—	—	—	—	1
Canada:—														
Newfoundland ...	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	155	—	—	—	—	—	155
Japan:—														
Coastal districts ..	1969	6	4	9	8	30	15	7	—	2	—	24	25	130
	1970	14	21	5	14	24	28	16	—	—	18	12	—	152
	1971	10	—	10	20	37	27	7	—	23	24	10	13	181
	1972	16	—	—	—	5	5	—	1	2	18	16	28	91
	1973	11	13	—	3	—	—	—	—	6	18	8	18	77
U.S.S.R.:—														
Antarctic .....	1970/71	1	—	—	—	—	—	—	—	—	—	—	1	2

<sup>1)</sup> June/July.

Table Z<sup>8</sup>. — Catch of Killer-whales (*Orcinus orca*), by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total .....	1969	—	—	167	5	19	6	—	28	6	—	—	—	231
	1970	5	137	66	12	16	8	3	1	6	3	—	—	257
	1971	9	—	—	9	10	7	9	26	—	—	—	—	70
	1972	—	—	—	18	10	—	—	—	—	—	—	—	28
	1973	—	—	—	—	1	—	—	—	—	—	—	—	1
Of which:														
Coastal districts ...	1969	—	—	167	4	9	3	—	6	—	—	—	—	189
	1970	5	135	66	9	14	2	1	—	—	—	—	—	232
	1971	9	—	—	3	—	6	—	—	—	—	—	—	18
	1972	—	—	—	2	5	—	—	—	—	—	—	—	7
	1973	—	—	—	—	1	—	—	—	—	—	—	—	1
Barents Sea, Spitzbergen and Bear Island ...	1969	—	—	—	1	—	2	—	—	—	—	—	—	3
	1970	—	—	—	—	2	—	—	—	—	—	—	—	2
Shetland, Iceland, Greenland, Jan Mayen ....	1969	—	—	—	—	10	1	—	22	6	—	—	—	39
	1970	—	—	—	3	—	6	2	1	—	—	—	—	12
	1971	—	—	—	—	2	1	9	26	—	—	—	—	38
	1972	—	—	—	16	5	—	—	—	—	—	—	—	21
Antarctic <sup>1)</sup> .....	1968/69	—	—	—	—	—	—	—	—	—	—	—	—	—
	1969/70	—	2	—	—	—	—	—	—	6	3	—	—	11
	1970/71	—	—	—	6	8	—	—	—	—	—	—	—	14
Denmark:—														
Greenland .....	1969	—	—	—	—	—	—	—	—	—	1	—	—	1
	1970	—	—	—	—	—	—	—	—	1	—	—	—	1
	1971	—	—	—	—	—	—	—	—	1	1	—	—	2
Faroe Islands ....	1971	—	—	—	—	—	—	—	—	—	—	—	—	1
Canada:—														
Newfoundland ....	1971	—	—	—	—	—	—	2	—	—	—	—	—	2
Japan:—														
Coastal districts ..	1969	—	2	2	1	—	—	—	—	5	3	—	3	16
	1970	—	2	—	—	—	—	—	—	8	—	2	—	12
	1971	—	—	—	2	—	—	2	—	—	3	3	—	10
	1972	—	—	—	—	—	—	—	2	—	—	1	—	3
Africa:—														
Natal.....	1972	—	—	—	2	10	—	—	—	5	—	—	—	17
	1973	—	—	—	—	—	—	6	2	—	—	—	—	8
U.S.S.R.:—														
Antarctic <sup>1)</sup> .....	1968/69	—	—	—	—	—	—	—	—	—	—	—	—	—
	1969/70	—	—	5	2	—	—	—	—	—	—	—	—	7
	1970/71	1	—	6	—	—	—	—	—	—	—	2	—	9
	1971/72	2	—	—	—	—	—	—	—	—	—	—	—	2
	1972/73	5	—	7	1	—	—	—	—	—	—	—	2	15

<sup>1)</sup> Incl. catch north of 40° South.

**Table Z<sup>7</sup>. — Catch of White-whales, (*Delphinapterus leucas*),  
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Total .....	1951	—	—	—	—	—	—	—	—	—	—	—	—	883
	1952	—	—	—	—	—	—	—	—	—	—	—	—	992
	1953	—	—	—	—	—	—	—	—	—	—	—	—	986
	1954	—	—	—	—	—	—	—	—	—	—	—	—	1,027
	1955	—	—	—	—	—	—	—	—	—	—	—	—	789
	1956	—	—	—	—	—	—	—	—	—	—	—	—	626
	1957	—	—	—	—	—	—	—	—	—	—	—	—	1,044
	1958	—	—	—	—	—	—	—	—	—	—	—	—	831
	1959	—	—	—	—	—	—	—	—	—	—	—	—	843
	1960	—	—	—	—	—	—	—	—	—	—	—	—	963
	1961	—	—	—	—	—	—	—	—	—	—	—	—	248
	1962	—	—	—	—	—	—	—	—	—	—	—	—	660
	1963	—	—	—	—	—	—	—	—	—	—	—	—	787
	1964	—	—	—	—	—	—	—	—	—	—	—	—	866
	1965	—	—	—	—	—	—	—	—	—	—	—	—	769
	1966	—	—	—	—	—	—	—	—	—	—	—	—	933
	1967	—	—	—	—	—	—	—	—	—	—	—	—	761
	1968	—	—	—	—	—	—	—	—	—	—	—	—	722
	1969	—	—	—	—	—	—	—	—	—	—	—	—	355
	1970	—	—	—	—	—	—	—	—	—	—	—	—	411
	1971	—	—	—	—	—	—	—	—	—	—	—	—	<sup>1)</sup> 13
	1972	—	—	—	—	—	—	—	—	—	—	—	—	<sup>1)</sup> 181
	1973	—	—	—	—	—	—	—	—	—	—	—	—	538
Of which:														
Western	1954	—	—	—	—	—	—	—	—	—	—	—	—	210
Arctic .....	1959	—	—	—	—	—	—	—	—	—	—	—	—	54
	1960	—	—	—	—	—	—	—	—	—	—	—	—	145
	1961	—	—	—	—	—	—	—	—	—	—	—	—	145
	1962	—	—	—	—	—	—	—	—	—	—	—	—	96
	1963	—	—	—	—	—	—	—	—	—	—	—	—	94
	1964	—	—	—	—	—	—	—	—	—	—	—	—	30
	1965	—	—	—	—	—	—	—	—	—	—	—	—	30
	1966	—	—	—	—	—	—	—	—	—	—	—	—	50
	1967	—	—	—	—	—	—	—	—	—	—	—	—	40
	1968	—	—	—	—	—	—	—	—	—	—	—	—	14
	1972	—	—	—	—	—	—	—	—	—	—	—	—	120
	1973	—	—	—	—	—	—	—	—	—	—	—	—	297
Eastern Arctic .....	1951	—	—	—	—	—	—	—	—	—	—	—	—	292
	1952	—	—	—	—	—	—	—	—	—	—	—	—	204
	1953	—	—	—	—	—	—	—	—	—	—	—	—	285
	1954	—	—	—	—	—	—	—	—	—	—	—	—	201
	1955	—	—	—	—	—	—	—	—	—	—	—	—	232
	1956	—	—	—	—	—	—	—	—	—	—	—	—	138
	1957	—	—	—	—	—	—	—	—	—	—	—	—	199
	1958	—	—	—	—	—	—	—	—	—	—	—	—	279
	1959	—	—	—	—	—	—	—	—	—	—	—	—	487
	1960	—	—	—	—	—	—	—	—	—	—	—	—	308
	1962	—	—	—	—	—	—	—	—	—	—	—	—	172
	1963	—	—	—	—	—	—	—	—	—	—	—	—	133
	1964	—	—	—	—	—	—	—	—	—	—	—	—	109
	1965	—	—	—	—	—	—	—	—	—	—	—	—	38
	1966	—	—	—	—	—	—	—	—	—	—	—	—	69
	1967	—	—	—	—	—	—	—	—	—	—	—	—	214
	1968	—	—	—	—	—	—	—	—	—	—	—	—	56
	1969	—	—	—	—	—	—	—	—	—	—	—	—	27
	1970	—	—	—	—	—	—	—	—	—	—	—	—	85
	1972	—	—	—	—	—	—	—	—	—	—	—	—	61
	1973	—	—	—	—	—	—	—	—	—	—	—	—	63

Cont. next p.

Table Z<sup>7</sup> cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Hudson and James Bays	1951	-	-	-	-	-	-	-	-	-	-	-	-	591
	1952	-	-	-	-	-	-	-	-	-	-	-	-	788
	1953	-	-	-	-	-	-	-	-	-	-	-	-	681
	1954	-	-	-	-	-	-	-	-	-	-	-	-	616
	1955	-	-	-	-	-	-	-	-	-	-	-	-	557
	1956	-	-	-	-	-	-	-	-	-	-	-	-	476
	1957	-	-	-	-	-	-	-	-	-	-	-	-	844
	1958	-	-	-	-	-	-	-	-	-	-	-	-	550
	1959	-	-	-	-	-	-	-	-	-	-	-	-	302
	1960	-	-	-	-	-	-	-	-	-	-	-	-	510
	1961	-	-	-	-	-	-	-	-	-	-	-	-	103
	1962	-	-	-	-	-	-	-	-	-	-	-	-	392 <sup>1</sup>
	1963	-	-	-	-	-	-	-	-	-	-	-	-	560 <sup>1</sup>
	1964	-	-	-	-	-	-	-	-	-	-	-	-	727 <sup>1</sup>
	1965	-	-	-	-	-	-	-	-	-	-	-	-	701 <sup>1</sup>
	1966	-	-	-	-	-	-	-	-	-	-	-	-	814
	1967	-	-	-	-	-	-	-	-	-	-	-	-	507 <sup>1</sup>
1968	-	-	-	-	-	-	-	-	-	-	-	-	652 <sup>1</sup>	
1969	-	-	-	-	-	-	-	-	-	-	-	-	328 <sup>1</sup>	
1970	-	-	-	-	-	-	-	-	-	-	-	-	326 <sup>1</sup>	
1971	-	-	-	-	-	-	-	-	-	-	-	-	13 <sup>1</sup>	
1973	-	-	-	-	-	-	-	-	-	-	-	-	178	
St. Lawrence River	1953	-	-	-	-	-	-	-	-	-	-	-	20	
	1956	-	-	-	-	-	-	-	-	-	-	-	12	
	1957	-	-	-	-	-	-	-	-	-	-	-	1	
	1958	-	-	-	-	-	-	-	-	-	-	-	2	
Denmark:— Greenland .....	1969	-	-	-	-	-	-	-	-	-	-	-	978	
1970	403	80	55	200	263	24	7	20	70	259	26	9	1,416	
1971	21	94	64	119	146	17	4	4	-	192	60	16	737	
1972	93	57	10	97	178	40	-	2	2	228	118	16	841	
1973	89	143	156	144	136	9	-	2	1	159	214	16	1,069	
U.S.A.:— Alaska .....	1972	-	-	-	-	-	-	-	-	-	-	-	<sup>2</sup> ) 185	

<sup>1</sup>) Data incomplete. <sup>2</sup>) Estimated annual catch. See introduction No. LXXI, page 27.

**Table Z<sup>8</sup>. — Catch of Baird's beaked whales (*Berardius bairdii*), by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
U.S.A.:— California .....	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada:— British Columbia..	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan:— Coastal districts ..	1969	-	-	-	-	-	14	22	30	33	21	15	3	138
	1970	3	-	-	-	-	4	37	32	18	18	1	-	113
	1971	-	-	-	-	2	6	32	27	29	18	4	-	118
	1972	-	-	-	-	-	12	11	17	16	9	15	6	86
	1973	-	-	-	-	-	-	6	7	4	2	11	2	32

**Table Z<sup>9</sup>. — Catch of Narwhal, (*Monodon monoceros*),  
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Total .....	1962	—	—	—	—	—	—	—	—	—	—	—	—	151—
	1963	—	—	—	—	—	—	—	—	—	—	—	—	171
	1964	—	—	—	—	—	—	—	—	—	—	—	—	200
	1965	—	—	—	—	—	—	—	—	—	—	—	—	110
	1966	—	—	—	—	—	—	—	—	—	—	—	—	85
	1967	—	—	—	—	—	—	—	—	—	—	—	—	111
	1968	—	—	—	—	—	—	—	—	—	—	—	—	90
	1969	—	—	—	—	—	—	—	—	—	—	—	—	65
	1970	—	—	—	—	—	—	—	—	—	—	—	—	25
	1971	—	—	—	—	—	—	—	—	—	—	—	—	83–93
	1972	1)	—	—	—	—	—	—	—	—	—	—	—	30
	1973	—	—	—	—	—	—	—	—	—	—	—	—	341
Of which:														
Western Arctic ...	1965	—	—	—	—	—	—	—	—	—	—	—	—	6
	1967	—	—	—	—	—	—	—	—	—	—	—	—	25
	1970	—	—	—	—	—	—	—	—	—	—	—	—	20–30
	1972	1)	—	—	—	—	—	—	—	—	—	—	—	—
	1973	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastern Arctic .....	1962	—	—	—	—	—	—	—	—	—	—	—	—	151—
	1963	—	—	—	—	—	—	—	—	—	—	—	—	171
	1964	—	—	—	—	—	—	—	—	—	—	—	—	200
	1965	—	—	—	—	—	—	—	—	—	—	—	—	110
	1966	—	—	—	—	—	—	—	—	—	—	—	—	78
	1967	—	—	—	—	—	—	—	—	—	—	—	—	111
	1968	—	—	—	—	—	—	—	—	—	—	—	—	65
	1969	—	—	—	—	—	—	—	—	—	—	—	—	65
	1970	—	—	—	—	—	—	—	—	—	—	—	—	25
	1971	—	—	—	—	—	—	—	—	—	—	—	—	63
	1972	—	—	—	—	—	—	—	—	—	—	—	—	25
	1973	—	—	—	—	—	—	—	—	—	—	—	—	330
Hudson and James Bays .....	1965	—	—	—	—	—	—	—	—	—	—	—	—	1
	1971	—	—	—	—	—	—	—	—	—	—	—	—	5
	1973	—	—	—	—	—	—	—	—	—	—	—	—	11
Denmark:—														
Greenland .....	1969	79	21	27	22	10	19	7	11	1	1	22	—	220
	1970	137	5	43	28	40	26	46	48	8	5	29	2	417
	1971	71	28	26	32	14	8	23	19	1	—	9	1	232
	1972	9	9	5	16	28	8	5	5	6	1	26	2	120
	1973	38	27	28	22	21	3	2	5	—	19	29	11	205

1) No data.

**Table Z<sup>10</sup>. — Catch of Common porpoises  
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:—														
Greenland .....	1969	—	—	—	—	—	—	—	—	—	—	—	—	1339
	1970	—	—	—	9	35	113	350	307	236	100	18	14	1184
	1971	1	—	—	—	25	91	243	254	383	274	48	1	1320
	1972	—	1	1	12	24	77	180	229	294	171	58	—	1047
	1973	—	1	—	11	33	69	173	230	205	52	4	—	778

**Table Z<sup>11</sup>.—Catch of others or unspecified small whales,  
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:—														
Faroe Islands ..	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	60	—	—	—	60
	1971	—	—	—	—	—	—	—	—	80	—	—	—	80
Greenland .....	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	2	—	—	—	2
	1971	—	—	—	—	—	—	—	—	1	—	—	—	1
	1973	—	—	—	—	—	—	—	—	1	1	—	—	2
Japan:—														
Coastal districts	1969	39	—	1	—	1	1	—	3	2	4	4	1	56
	1970	—	2	—	—	6	—	—	5	11	2	3	—	29
	1971	5	—	—	—	7	4	4	1	2	2	—	—	25
	1972	—	—	—	—	1	—	—	2	2	3	9	—	17
	1973	—	—	—	—	—	—	—	—	—	—	2	—	2
Africa:—														
Natal .....	1973	—	—	1	—	—	—	1	—	—	—	—	—	2
U.S.A.....	1970	—	—	—	—	—	—	—	—	—	—	—	—	214000 <sup>1)</sup>
	1971	—	—	—	—	—	—	—	—	—	—	—	—	167000 <sup>1)</sup>
	1972	—	—	—	—	—	—	—	—	—	—	—	—	228000 <sup>1)</sup>
	1973	—	—	—	—	—	—	—	—	—	—	—	—	<sup>1)</sup>
U.S.S.R.:—														
Antarctic .....	1969/70	1	—	—	—	—	—	—	—	—	—	—	—	1

<sup>1)</sup> See page 9 No. LXIX, and introduction to this publication.



## TABLES

**Table No. 1 — Whaling in the Antarctic season 1972/73 and outside the Antarctic in 1973.**

Geographical areas	Species of whales caught							Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Hump	Sperm	Others	Total		Shore sta- tions	Floa- ting fact.	Catch- ers
Antarctic, pelagic 1972/73 season...	1,761	3,859	5	5	4,203	1) <sup>2)</sup> 7	9,840	3) 345,539	—	4) 7	82
Africa:—											
Natal .....	41	4	6	1	1,606	5)	1,658	3) 40,704	1	—	6
Brazil .....	—	7	—	—	75	6)	82	3) 4,874	1	—	1
North Atlantic and Arctic:—											
Azores .....	—	—	—	—	311	—	311	7,627	—	—	—
Madeira .....	—	—	—	—	77	—	77	1,665	—	—	—
Spain .....	73	—	—	—	178	—	251	8) 6,480	1	—	7)
Iceland .....	267	139	—	—	47	—	453	14,692	1	—	4
Greenland .....	2	—	—	9	—	15)	12	—	—	—	—
North Pacific:—											
North Pacific and Bering Sea, pelagic:—											
Japan .....	256	1,710	2	—	1,803	—	3,771	106,406	—	3	22
U.S.S.R. ....	161	103	656	—	4,329	—	5,249	111,970	—	3	46
Japan coastal ...	43	43	71	—	2,436	—	2,593	53,740	8	—	12
U.S.A. coastal ...	—	—	—	—	—	9) 37	37	—	—	—	—
U.S.S.R. coastal .	—	—	—	—	—	10) 178	178	—	—	—	—
Peru .....	11	19	311	—	1,497	—	1,838	27,441	1	—	4
Chile?) .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	971	—	971	33,415	1	—	3
South Atlantic Ocean, pelagic <sup>11)</sup> .	—	—	—	—	2,288	—	2,288	54,800	—	(2)	—
pelagic <sup>12)</sup> .....	1	490	—	—	—	13)	491	1,626	—	—	12) 1
Indian Ocean, pelagic <sup>11)</sup> .....	—	—	—	—	522	—	522	10,906	—	14) (1)	—
South Pacific Ocean pelagic <sup>11)</sup> .....	—	—	—	—	1,730	—	1,730	37,411	—	(2)	—
Total .....	2,616	6,374	1,051	15	22,073	223	32,352	859,296	14	13	181

<sup>1)</sup> Blue whales taken under special permit. <sup>2)</sup> In addition 5,745 minke whales, 27 bottlenoses and 15 killer whales. See tables Z<sup>2</sup>—Z<sup>11</sup>. <sup>3)</sup> Inclusive oil from small whales. <sup>4)</sup> Of which 1 floating factory with 4 catchers caught minke whales only. <sup>5)</sup> In addition 173 minke whales, 8 killer whales and 2 goose beaked whales. See tables Z<sup>2</sup>—Z<sup>11</sup>. <sup>6)</sup> In addition 650 minke whales. See tables Z<sup>2</sup> and Z<sup>3</sup>. <sup>7)</sup> No information. <sup>8)</sup> Calculated. <sup>9)</sup> Right whales — aboriginal catch. <sup>10)</sup> Gray whales — aboriginal catch. <sup>11)</sup> Antarctic expeditions before and after the Antarctic season 1972/73. <sup>12)</sup> Combined catcher/floating factory. <sup>13)</sup> In addition 2 minke whales. <sup>14)</sup> Operated also in South Atlantic Ocean. <sup>15)</sup> Right whale.

**Table No. 2. — Japanese whaling in the Antarctic season 1972/73 and outside the Antarctic in 1973.**

Geographical areas	Species of whales caught							Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Hump	Sperm	Others	Total		Shore sta- tions	Floa- ting fact.	Catch- ers
Antarctic, pelagic ..	1,142	2,919	—	—	132	<sup>1)</sup>	4,193	<sup>2)</sup> 119,307	—	<sup>3)</sup> 4	<sup>3)</sup> 35
North Pacific Ocean and Bering Sea, pelagic .....	256	1,710	2	—	1,803	—	3,771	106,406	—	3	22
Japan coastal .....	43	43	71	—	2,436	—	2,593	53,740	8	—	12
South Pacific Ocean, pelagic <sup>4)</sup> .....	—	—	—	—	711	—	711	15,676	—	(1)	—
Total .....	1,441	4,672	73	—	5,082	—	11,268	295,129	8	7	69

<sup>1)</sup> In addition 2,092 minke whales were caught. See tables Z<sup>2</sup> and Z<sup>3</sup>. <sup>2)</sup> Inclusive oil from minke whales. <sup>3)</sup> Of which 1 floating factory with 4 catchers caught minke whales only. <sup>4)</sup> Floating factory on voyage to Antarctic in 1972 (1972/73 season).

**Table No. 3 — Whaling of U.S.S.R. in the Antarctic season 1972/73 and outside the Antarctic in 1973.**

Antarctic, pelagic ..	619	940	5	<sup>1)</sup> 5	4,071	<sup>2)3)</sup> 7	5,647	<sup>4)</sup> 226,232	—	3	47
North Pacific Ocean and Bering Sea, pelagic .....	161	103	656	—	4,329	—	5,249	111,970	—	3	46
Coastal .....	—	—	—	—	—	<sup>5)</sup> 178	<sup>5)</sup> 178	—	—	—	—
South Atlantic Ocean, pelagic <sup>6)</sup> .	—	—	—	—	2,288	—	2,288	54,800	—	(2)	—
Indian Ocean pelagic <sup>6)</sup> .....	—	—	—	—	522	—	522	10,906	—	<sup>7)</sup> (1)	—
South Pacific Ocean, pelagic <sup>6)</sup> .....	—	—	—	—	1,019	—	1,019	21,735	—	(1)	—
Total .....	780	1,043	661	5	12,229	185	14,903	425,643	—	6	93

<sup>1)</sup> Caught under special permit. <sup>2)</sup> Blue whales caught under special permit. <sup>3)</sup> In addition 3,653 minke whales and 42 other small whales were caught. See tables Z<sup>2</sup>—Z<sup>11</sup>. <sup>4)</sup> Inclusive oil from small whales. <sup>5)</sup> Gray whales — aboriginal catch. <sup>6)</sup> Floating factories on voyage to and from the Antarctic 1972/73 season. <sup>7)</sup> Operated also in South Atlantic Ocean.

**Table No. 4. Whaling results for the various countries in the Antarctic season 1972/73 and outside the Antarctic in 1973. (See foot-notes to tables 1, 2 and 3).**

Japan .....	1,441	4,672	73	—	5,082	—	11,268	295,129	8	7	69
U.S.S.R. ....	780	1,043	661	5	12,229	185	14,903	425,643	—	6	93
South Africa .....	41	4	6	1	1,606	—	1,658	40,704	1	—	6
Australia .....	—	—	—	—	971	—	971	33,415	1	—	3
Peru .....	11	19	311	—	1,497	—	1,838	27,441	1	—	4
Iceland .....	267	139	—	—	47	—	453	14,692	1	—	4
Spain .....	73	—	—	—	178	—	251	6,480	1	—	—
Brazil .....	—	7	—	—	75	—	82	4,874	1	—	1
Somali Republic ...	1	490	—	—	—	—	491	1,626	—	—	1
U.S.A. ....	—	—	—	—	—	37	37	—	—	—	—
Chile <sup>1)</sup> .....	—	—	—	—	—	—	—	—	—	—	—
Greenland .....	2	—	—	9	—	1	12	—	—	—	—
Portugal .....	—	—	—	—	388	—	388	9,292	—	—	—
Total .....	2,616	6,374	1,051	15	22,073	223	32,352	859,296	14	13	181

<sup>1)</sup> No information.

Table No. 5 — Average size of whales caught in 1973.

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
<b><u>A. Fin whales.</u></b>			
<i>Africa:—</i>			
Natal .....	62.3	61.8	62.0
Males 23 } Total 41			
Females 18 }			
<i>North Atlantic and Arctic:—</i>			
Iceland .....	59.0	62.0	60.5
Males 134 } Total 267			
Females 133 }			
<i>North Pacific Ocean and Bering Sea, pelagic:</i>			
Japan .....	59.5	61.2	60.3
Males 137 } Total 256			
Females 119 }			
U.S.S.R. ....	60.1	61.7	60.8
Males 84 } Total 161			
Females 77 }			
Japan, coastal .....	58.0	60.8	59.2
Males 22 } Total 38			
Females 16 }			
<b><u>B. Sei whales.</u></b>			
<i>Africa:—</i>			
Natal .....	44.0	47.3	46.5
Males 1 } Total 4			
Females 3 }			
Brazil .....	49.3	45.0	47.4
Males 4 } Total 7			
Females 3 }			
<i>North Atlantic and Arctic:—</i>			
Iceland .....	42.6	44.6	43.8
Males 55 } Total 138			
Females 83 }			
<i>South Atlantic Ocean, pelagic</i> .....	42.8	44.8	43.7
Males 256 } Total 490			
Females 234 }			
<i>North Pacific Ocean and Bering Sea, pelagic:</i>			
Japan .....	43.5	44.9	44.1
Males 909 } Total 1710			
Females 801 }			
U.S.S.R. ....	43.5	44.1	43.8
Males 49 } Total 103			
Females 54 }			
Japan, coastal .....	43.2	43.4	43.3
Males 28 } Total 43			
Females 15 }			

Table No. 5 (continued).

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
	Engl. feet	Engl. feet	Engl. feet
<b><u>C. Bryde's whales.</u></b>			
<i>Africa:—</i>			
Natal.....	42.0	42.5	42.3
Males 2}			
Females 4} Total 6			
<i>Pacific North:</i>			
North Pacific Ocean and Bering Sea, pelagic:			
U.S.S.R. ....	41.3	41.9	41.7
Males 209}			
Females 447} Total 656			
Japan, coastal .....	39.4	40.3	39.8
Males 38}			
Females 33} Total 71			
<b><u>D. Minke whales.</u></b>			
<i>Africa:</i>			
Natal.....	27.4	26.6	27.2
Males 125}			
Females 48} Total 173			
Brazil .....	27.4	28.9	28.4
Males 210}			
Females 440} Total 650			
<b><u>E. Sperm whales.</u></b>			
<i>Africa:—</i>			
Natal.....	38.3	33.4	36.1
Males 860}			
Females 746} Total 1606			
Brazil .....	32.9	30.6	31.3
Males 22}			
Females 53} Total 75			
<i>North Atlantic and Arctic:—</i>			
Iceland .....	49.5	—	49.5
Males 47			
<i>Pacific North:—</i>			
North Pacific Ocean and Bering Sea, pelagic:			
Japan .....	45.4	34.9	43.3
Males 1,442}			
Females 360} Total 1,802			
U.S.S.R. ....	39.2	34.2	36.6
Males 2,046}			
Females 2,283} Total 4,329			
Japan, coastal .....	37.7	34.2	35.8
Males 1,117}			
Females 1,319} Total 2,436			

Table No. 5 (continued).

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
	Engl. feet	Engl. feet	Engl. feet
<i>Australia</i> .....	42.4	34.1	40.0
Males 684 } Total 971 Females 287 }			
<i>South Atlantic Ocean, pelagic</i> .....	41.1	33.4	35.9
Males 747 } Total 2,286 Females 1,539 }			
<i>Indian Ocean, pelagic</i> .....	38.0	32.7	36.5
Males 371 } Total 522 Females 151 }			
<i>South Pacific Ocean, pelagic</i> .....	38.6	34.8	35.7
Males 424 } Total 1,730 Females 1,306 }			

Table No. 6.—Whales caught in 1973 by species, sex and size.

## 1. Natal.

## Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
52	1	—	1	67	1	—	1
55	2	1	3	68	2	—	2
56	—	2	2	74	—	1	1
57	—	1	1	76	—	1	1
58	—	1	1				
59	3	1	4	Total	23	18	41
60	—	3	3	Average size { Males: 62.3 feet Females: 61.8 " Total animals: 62.0 "  Per cent { Males: 56.1 Females: 43.9			
61	1	2	3				
62	3	1	4				
63	3	1	4				
64	3	1	4				
65	2	2	4				
66	2	—	2				

## Sei whales.

Engl. feet	Number of		Total animals	Average size { Males: 44.0 feet Females: 47.3 " Total animals: 46.5 "
	males	females		
41	—	1	1	Per cent { Males: 25.0 Females: 75.0
44	1	—	1	
50	—	1	1	
51	—	1	1	
Total	1	3	4	

## Bryde's whales.

Engl. feet	Number of		Total animals	Average size { Males: 42.0 feet Females: 42.5 " Total animals: 42.3 "
	males	females		
38	—	1	1	Per cent: { Males: 33.3 Females: 66.7
41	1	1	2	
43	1	—	1	
45	—	1	1	
46	—	1	1	
Total	2	4	6	

Table No. 6 (continued).

## Minke whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
19	—	1	1	30	9	9	18
20	1	1	2	21	1	1	2
21	1	5	6	32	1	—	1
22	4	—	4	Total	125	48	173
23	1	1	2	Average size	Males: 27.4 feet		
24	3	5	8		Females: 26.6 "		
25	9	3	12	Total animals: 27.2 "			
26	11	2	13	Per cent	Males: 72.3		
27	18	4	22		Females: 27.7		
28	47	10	57				
29	19	6	25				

## Sperm whales.

13	1	—	1	43	49	—	49
14	1	—	1	44	38	—	38
15	—	1	1	45	27	—	27
19	—	1	1	46	22	—	22
23	—	1	1	47	21	—	21
27	—	2	2	48	29	—	29
28	2	3	5	49	16	—	16
29	2	1	3	50	6	—	6
30	10	35	45	51	7	—	7
31	25	56	81	52	5	—	5
32	66	125	191	53	1	—	1
33	90	141	231	Total	860	746	1,606
34	79	159	238	Average size	Males: 38.3 feet		
35	78	122	200		Females: 33.4 "		
36	55	69	124	Total animals: 36.1 "			
37	35	21	56	Per cent	Males: 53.5		
38	42	9	51		Females: 46.5		
39	24	—	24				
40	29	—	29				
41	54	—	54				
42	46	—	46				

## 2. Brazil.

## Sei whales.

Engl. feet	Number of		Total animals	Average size	Males:	Females:	Total animals:
	males	females					
35	—	1	1	Per cent	49.3 feet		
48	1	—	1		45.0 "		
49	1	1	2		47.4 "		
50	2	—	2	Per cent	Males: 57.1		
51	—	1	1		Females: 42.9		
Total	4	3	7				

Table No. 6 (continued).

## Sperm whales.

Engl. feet	Number of		Total animals	
	males	females		
30	9	33	42	Average size { Males: 32.9 feet Females: 30.6 " Total animals: 31.3 "
31	3	13	16	
32	2	4	6	
33	3	2	5	
34	—	1	1	
35	3	—	3	
41	1	—	1	
51	1	—	1	Per cent { Males: 29.3 Females: 70.7
Total	22	53	75	

## Minke whales.

21	—	1	1	Average size: { Males: 27.4 feet Females: 28.9 " Total animals: 28.4 "
25	32	18	50	
26	34	28	62	
27	37	33	70	
28	59	103	162	
29	34	107	141	
30	12	67	79	
31	1	55	56	Per cent: { Males: 32.3 Females: 67.7
32	1	21	22	
33	—	5	5	
34	—	1	1	
35	—	1	1	
Total	210	440	650	

## 3. Iceland.

## Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
48	2	—	2	66	3	7	10
49	1	—	1	67	1	9	10
50	—	1	1	68	—	7	7
51	1	—	1	69	—	2	2
52	4	4	8	70	—	2	2
53	4	3	7	71	—	1	1
54	7	5	12	72	—	1	1
55	4	1	5	Total	134	133	267
56	9	4	13	Average size { Males: 59.0 feet Females: 62.0 " Total animals: 60.5 "			
57	6	5	11				
58	16	9	25				
59	12	5	17				
60	22	8	30				
61	11	8	19				
62	14	8	22				
63	6	12	18				
64	9	17	26				
65	2	14	16		Per cent { Males: 50.2 Females: 49.8		



Table No. 6 (continued).

## Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
37	—	1	1	47	1	17	18
38	1	3	4	48	—	6	6
39	3	3	6	49	—	5	5
40	6	4	10	Total	55	83	138
41	5	5	10	Average size { Males: 42.6 feet Females: 44.6 " Total animals: 43.8 " Per cent { Males: 39.9 Females: 60.1			
42	10	6	16				
43	12	1	13				
44	10	11	21				
45	4	8	12				
46	3	13	16				

## Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
40	1	—	1	53	3	—	3
41	1	—	1	54	4	—	4
42	2	—	2	55	3	—	3
43	1	—	1	56	1	—	1
44	1	—	1	57	1	—	1
45	1	—	1	Total	47	—	47
46	3	—	3	Average size males: 49.5 feet.			
47	3	—	3				
48	9	—	9				
49	1	—	1				
50	2	—	2				
51	5	—	5				
52	5	—	5				

## 4. North Pacific Ocean and Bering Sea, pelagic.

## 1. Japan.

## Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
53	—	1	1	66	5	8	13
54	—	2	2	67	—	6	6
55	15	6	21	68	—	1	1
56	8	6	14	69	1	1	2
57	13	6	19	70	—	1	1
58	16	8	24	Total	137	119	256
59	17	8	25	Average size { Males: 59.5 feet Females: 61.2 " Total animals: 60.3 " Per cent { Males: 53.5 Females: 46.5			
60	21	13	34				
61	10	12	22				
62	17	13	30				
63	8	9	17				
64	5	9	14				
65	1	9	10				

Table No. 6 (continued).

## Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
34	1	—	1	50	2	52	54
38	5	2	7	51	1	13	14
39	3	8	11	52	—	15	15
40	136	92	228	53	—	2	2
41	101	89	190	Total	909	801	1,710
42	98	60	158	Average size { Males: 43.5 feet			
43	117	54	171	{ Females: 44.9 "			
44	119	65	184	{ Total animals: 44.1 "			
45	108	61	169	Per cent { Males: 53.2			
46	96	72	168	{ Females: 46.8			
47	79	84	163				
48	29	74	103				
49	14	58	72				

## Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
29	1	—	1	48	63	—	63
30	2	8	10	49	83	—	83
31	19	27	46	50	106	—	106
32	13	14	27	51	150	—	150
33	22	53	75	52	130	—	130
34	25	51	76	53	72	—	72
35	35	68	103	54	58	—	58
36	45	49	94	55	20	—	20
37	53	41	94	56	13	—	13
38	37	30	67	57	4	—	4
39	72	15	87	Total	1,442	360	1,802
40	87	3	90	Average size { Males: 45.4 feet			
41	58	—	58	{ Females: 34.9 "			
42	57	1	58	{ Total animals: 43.3 "			
43	44	—	44	Per cent { Males: 80.0			
44	46	—	46	{ Females: 20.0			
45	44	—	44				
46	50	—	50				
47	33	—	33				

Table No. 6 (continued).

## 2. U. S. S. R.

## Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
49	—	1	1	70	1	1	2
55	12	11	23	71	1	3	4
56	6	11	17	72	1	1	2
57	7	6	13	73	1	—	1
58	6	5	11	74	1	4	5
59	11	2	13	75	—	1	1
60	5	5	10	76	—	1	1
61	14	1	15	Total	84	77	161
62	6	4	10	Average size	{ Males: 60.1 feet Females: 61.7 „ Total animals: 60.8 „		
63	5	3	8	Per cent	{ Males: 52.2 Females: 47.8		
64	4	3	7				
65	2	—	2				
66	1	7	8				
67	—	3	3				
68	—	3	3				
69	—	1	1				

## Sei whales.

40	5	9	14	50	—	3	3
41	6	9	15	51	—	2	2
42	11	4	15	Total	49	54	103
43	5	5	10	Average size	{ Males: 43.5 feet Females: 44.1 „ Total animals: 43.8 „		
44	6	3	9	Per cent	{ Males: 47.6 Females: 52.4		
45	5	4	9				
46	3	6	9				
47	4	4	8				
48	3	3	6				
49	1	2	3				

## Bryde's whales.

32	—	1	1	45	5	24	29
34	—	1	1	46	1	5	6
35	—	2	2	47	—	1	1
36	—	1	1	48	—	1	1
37	—	2	2	Total	209	447	656
38	1	1	2	Average size	{ Males: 41.3 feet Females: 41.9 „ Total animals: 41.7 „		
39	—	4	4	Per cent	{ Males: 31.9 Females: 68.1		
40	72	85	157				
41	60	101	161				
42	37	77	114				
43	27	88	115				
44	6	53	59				

Table No. 6 (continued).

## Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
30 <sup>1)</sup>	115	125	240	50	54	—	54
31	73	116	189	51	51	—	51
32	130	249	379	52	31	—	31
33	107	304	411	53	52	—	52
34	149	426	575	54	16	—	16
35	150	435	585	55	4	—	4
36	156	337	493	56	3	—	3
37	124	207	331				
38	86	59	145				
39	118	16	134	Total	2,046	2,283	4,329
40	84	7	91				
41	93	1	94				
42	48	—	48	Average size	{ Males: 39.2 feet		
43	83	—	83		{ Females: 34.2 "		
44	66	—	66		{ Total animals: 36.6 "		
45	60	1	61	Per cent	{ Males: 47.3		
46	43	—	43		{ Females: 52.7		
47	49	—	49				
48	46	—	46				
49	55	—	55				

<sup>1)</sup> 30 feet and below.

## 5. Japan. — Coastal.

## Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
50	—	1	1	63	—	2	2
51	1	—	1	64	—	1	1
52	—	1	1	65	—	1	1
53	—	1	1	66	—	3	3
54	1	—	1				
55	2	—	2	Total	22	16	38
56	1	—	1				
57	6	1	7	Average size	{ Males: 58.0 feet		
58	1	—	1		{ Females: 60.8 "		
59	2	—	2		{ Total animals: 59.2 "		
60	2	1	3	Per cent	{ Males: 57.9		
61	4	1	5		{ Females: 42.1		
62	2	3	5				

Table No. 6 (continued).

## Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
36	1	—	1	47	1	1	2
37	1	1	2	48	—	2	2
38	1	3	4	52	1	—	1
39	1	—	1	Total	28	15	43
40	2	1	3	Average size {			Males: 43.2 feet
41	2	—	2				Females: 43.4 "
42	3	—	3				Total animals: 43.3 "
43	3	—	3	Per cent {			Males: 65.1
44	2	1	3				Females: 34.9
45	5	3	8				
46	5	3	8				

## Bryde's whales.

35	1	3	4	45	1	1	2
36	6	1	7	47	—	1	1
37	2	2	4	Total	38	33	71
38	4	3	7	Average size {			Males: 39.4 feet
39	8	3	11				Females: 40.3 "
40	6	5	11				Total animals: 39.8 "
41	2	2	4	Per cent {			Males: 53.5
42	3	8	11				Females: 46.5
43	5	3	8				
44	—	1	1				

## Sperm whales.

30	17	20	37	49	10	—	10
31	77	127	204	50	16	—	16
32	66	134	200	51	7	—	7
33	77	190	267	52	9	—	9
34	132	304	436	53	9	—	9
35	65	159	224	54	4	—	4
36	106	177	283	55	4	—	4
37	100	133	233	58	1	—	1
38	80	44	124	Total	1,117	1,319	2,436
39	65	27	92	Average size {			Males: 37.7 feet
40	63	4	67				Females: 34.2 "
41	53	—	53				Total animals: 35.8 "
42	44	—	44	Per cent {			Males: 45.9
43	31	—	31				Females: 54.1
44	20	—	20				
45	20	—	20				
46	13	—	13				
47	14	—	14				
48	14	—	14				

Table No. 6 (continued).

## 6. Australia. Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
28	—	2	2	47	35	—	35
29	1	1	2	48	44	—	44
30	1	4	5	49	42	—	42
31	2	14	16	50	31	—	31
32	9	26	35	51	17	—	17
33	11	57	68	52	7	—	7
34	12	57	69	53	6	—	6
35	35	62	97	54	3	—	3
36	38	45	83				
37	33	12	45	Total	684	287	971
38	39	7	46				
39	42	—	42				
40	33	—	33	Average size	{ Males: 42.4 feet		
41	51	—	51		{ Females: 34.1 "		
42	36	—	36		{ Total animals: 40.0 "		
43	51	—	51	Per cent	{ Males: 70.4		
44	43	—	43		{ Females: 29.6		
45	32	—	32				
46	30	—	30				

## 7. South Atlantic Ocean. Pelagic.

## Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
29	—	1	1	47	16	27	43
31	1	—	1	48	8	34	42
32	3	1	4	49	5	33	38
33	2	1	3	50	1	9	10
34	4	3	7	51	—	4	4
35	8	8	16	52	—	2	2
36	4	4	8				
37	9	5	14	Total	256	234	490
38	6	8	14				
39	15	9	24				
40	11	6	17	Average size	{ Males: 42.8 feet		
41	11	8	19		{ Females: 44.8 "		
42	20	8	28		{ Total animals: 43.7 "		
43	17	7	24	Per cent	{ Males: 52.2		
44	49	11	60		{ Females: 47.8		
45	34	19	53				
46	32	26	58				

Table No. 6 (continued).

## Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
25	—	1	1	46	14	—	14
26	—	1	1	47	32	—	32
27	2	5	7	48	29	—	29
28	1	5	6	49	23	—	23
29	2	4	6	50	22	—	22
30	5	43	48	51	21	—	21
31	18	246	264	52	44	—	44
32	15	247	262	53	21	—	21
33	33	302	335	54	9	—	9
34	51	249	300	55	7	—	7
35	55	207	262	56	1	—	1
36	50	114	164				
37	55	78	133				
38	54	25	79	Total	747	1,539	2,286
39	51	9	60				
40	33	2	35	Average size	{ Males: 41.1 feet		
41	27	1	28		{ Females: 33.4 "		
42	18	—	18		{ Total animals: 35.9 "		
43	20	—	20	Per cent	{ Males: 32.7		
44	18	—	18		{ Females: 67.3		
45	16	—	16				

## 8. Indian Ocean. Sperm whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
26	—	1	1	45	2	—	2
28	—	2	2	46	3	—	3
29	—	3	3	47	3	—	3
30	—	7	7	48	8	—	8
31	5	30	35	49	4	—	4
32	8	14	22	50	1	—	1
33	17	42	59	51	2	—	2
34	26	26	52	52	1	—	1
35	25	22	47				
36	36	4	40	Total	371	151	522
37	64	—	64				
38	62	—	62	Average size	{ Males: 38.0 feet		
39	33	—	33		{ Females: 32.7 "		
40	29	—	29		{ Total animals: 36.5 "		
41	24	—	24	Per cent	{ Males: 71.1		
42	6	—	6		{ Females: 28.9		
43	9	—	9				
44	3	—	3				

Table No. 6 (continued).

## 9. South Pacific Ocean. Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
28	1	—	1	46	7	—	7
29	—	2	2	47	7	—	7
30	2	16	18	48	6	—	6
31	20	79	99	49	14	—	14
32	20	122	142	50	11	—	11
33	27	157	184	51	11	—	11
34	31	200	231	52	7	—	7
35	33	204	237	53	3	—	3
36	51	231	282	54	1	—	1
37	36	150	186	55	1	—	1
38	45	89	134				
39	34	42	76	Total	424	1,306	1,730
40	18	9	27				
41	13	4	17	Average size	Males: 38.6 feet Females: 34.8 „ Total animals: 35.7 „		
42	6	1	7				
43	7	—	7	Per cent	Males: 24.5 Females: 75.5		
44	6	—	6				
45	6	—	6				



**Table No. 7.—Average production of oil per “blue whale unit” in 1973.**

Other whales are reduced to blue whale equivalents on the following basis:  
 1 blue whale = 2 fin whales = 2½ humpbacks = 6 sei whales = 2 grey whales = 6 Bryde's whales.

Geographical areas.	Company.	Blue whale equivalents.	Oil production.	
			Total.	Average per blue whale equivalent.
			Barrels. <sup>1)</sup>	Barrels. <sup>1)</sup>
<i>North Atlantic and Arctic:—</i>				
Iceland .....	No. 1	156.7	12,173	77.7
<i>Pacific North:—</i>				
North Pacific Ocean and Bering Sea, pelagic:				
Japan .....	No. 1	133.2	8,235	61.8
	" 2	147.2	6,565	44.6
	" 3	133.0	8,647	65.0
Total		413.4	23,447	56.7
U.S.S.R. ....				
	No. 1	113.2	5,394	47.7
	" 2	86.8	3,941	45.4
	" 3	7.0	406	58.0
Total		207.0	9,741	47.1
Japan, coastal .....				
	No. 1	3.8	244	64.2
	" 2	8.0	299	37.4
	" 3	18.0	681	37.8
	" 4	9.8	679	69.3
	" 5	0.8	37	46.3
Total		40.4	1,940	48.0
Peru .....	No. 1	60.5	2,812	46.5
South Atlantic Ocean, pel. . .	No. 1	82.2	1,626	19.8

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.)

**Table No. 8.—Average production of oil per sperm whale in 1973.**

Geographical areas.	Company.	Number of sperm whales.	Oil production.	
			Total.	Average per sperm whale
<i>Africa:—</i>			Barrels <sup>1)</sup>	Barrels <sup>1)</sup>
Natal .....	No. 1	1,606	37,494	23.3
<i>Brazil:—</i> .....	No. 1	75	770	10.3
<i>North Atlantic and Arctic:—</i>				
Azores .....		311	7,627	24.5
Madeira .....		77	1,665	21.6
Iceland .....	No. 1	47	2,519	53.6
Total		435	11,811	27.2
<i>Pacific North:—</i>				
North Pacific Ocean and Bering Sea, pelagic:				
Japan .....	No. 1	601	30,571	50.9
	" 2	601	25,800	42.9
	" 3	601	26,588	44.2
Total		1,803	82,959	46.0
U.S.S.R. ....	No. 1	2,284	49,576	21.7
	" 2	1,544	39,771	25.8
	" 3	501	12,882	25.7
Total		4,329	102,229	23.6
Japan, coastal .....	No. 1	532	11,263	21.2
	" 2	598	11,897	19.9
	" 3	647	15,802	24.4
	" 4	362	6,932	19.1
	" 5	297	5,906	19.9
Total		2,436	51,800	21.3
Peru .....	No. 1	1,497	24,629	16.5
Australia .....	No. 1	971	33,415	34.4
<i>South Atlantic Ocean, pelagic</i> ....	No. 1	1,335	37,188	27.9
	" 2	953	17,612	18.5
Total		2,288	54,800	24.0
<i>Indian Ocean, pelagic</i> .....	No. 1	522	10,906	20.9
<i>South Pacific, pelagic</i> .....	No. 1	711	15,676	22.0
	" 2	1,019	21,735	21.3
Total		1,730	37,411	21.6

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.)

