

INTERNATIONAL
WHALING STATISTICS

LXXXV

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS

SANDEFJORD 1980

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PREFACE

This publication comprises the world aggregate whaling results for 1979, i.e. the catch by Antarctic pelagic expeditions in the Southern Hemisphere in the 1978/79 season and the catch of other expeditions and shore stations during the calendar year 1979. With regard to the Japanese coastal catch of sperm whales, see Introduction.

Statistical data have not been received from Cyprus, The West Indies and Tonga Islands.

Sandefjord, November 1980.

E. Vangstein

INTRODUCTION

Details of quotas and whales caught in the Southern Hemisphere by Antarctic pelagic expeditions are published in International Whaling Statistics No. LXXXIV.

In 1979 one Japanese and three USSR pelagic expeditions, and four Japanese shore stations operated in the North Pacific. One of the USSR expeditions ("Sovjetskaya Rossia") operated from November 29 to December 6, 1979 between 0° and 3° North and 101° and 112° West on its way to the Antarctic, and 201 sperm whales were caught.

The quotas set for the North Pacific were 454 Bryde's whales (Western Stock), 400 minke whales (Okhotsk Sea — West Pacific Stock), 2,698 male sperm whales in the Western Division, 1,102 male sperm whales in the Eastern Division, total 3,800 of which 11.5 % could be a by-catch of female sperm whales.

The quotas for Bryde's whales and sperm whales in the North Pacific were divided into national quotas between Japan and USSR. The national quotas and catches were:

Quotas:

	Bryde's whales	Male	Sperm whales Female	Total
Japan	227	1,241	217	1,458
USSR	227	2,122	220	2,342
Total	454	3,363	437	3,800

Catch:

Japan	227	1,114	206	1,320
USSR	227	1,840	108	1,948
Total	454	2,954	314	3,268

The catch of sperm whales by Division was:

	Male	Female	Total
Western Division	2,336	295	2,631
Eastern Division	618	19	637
Total	2,954	314	3,268

In addition Japan caught 407 minke whales.

According to Schedule paragraph 3(c) the open season for the taking of sperm whales shall not exceed eight continuous months in any period of twelve months. For the coastal sperm whaling Japan declared an open season from August 1, 1979 to March 31, 1980. At the recommendation of the Scientific Committee of the International Whaling Commission the catch in the North Pacific relating to each continuous season has been referred to the calendar year when whaling operations started. Thus the coastal catch of sperm whales from August 1, 1979 to March 31, 1980 has been recorded as the 1979 season's catch.

For the Southern Hemisphere pelagic season, the catch has been referred to the calendar year when whaling operation ceased. (See publication No. LXXI, page 7.)

The quotas set for the North Atlantic Ocean were:

Combined fin and humpback whales	— West Greenland Stock	15
Fin whales	— Newfoundland — Labrador Stock	90
Fin whales	— East Greenland — Iceland Stock	1)304
Fin whales	— North Norway Stock	61
Sei whales	— Iceland — Denmark Strait Stock	84
Sperm whales	— North Atlantic Stock	685
Minke whales	— West Greenland Stock	394
Minke whales	— Canadian East Coast Stock	48
Minke whales	— East Greenland — Iceland — Jan Mayen Stock	320
Minke whales	— Svalbard — Norway — British Isles Stock	1,790

No whaling for fin whales took place off Newfoundland or off North Norway. Seven fin and 14 humpback whales were caught off West Greenland and 11 fin whales and 1 sei whale off the Faroe Islands. In Iceland one shore station with four catchers operated, and the catch amounted to:

260 fin whales
84 sei whales
96 sperm whales

During the three seasons 1977—1979, 640 fin whales have been caught off Iceland.

¹⁾ The total catch of fin whales shall not exceed 1,524 in the period 1977—1982.

The total catch of minke whales in the North Atlantic Ocean was:

Norway	1,980
Greenland	1)189
Iceland	199
Total	<u>2,368</u>

The quotas set for the Southern Hemisphere for the 1978/79 pelagic season and the 1979 coastal season were:

Minke whales	6,221
Sperm whales	3,820 males and 1,055 females

In addition to these quotas, Japan issued special permits for taking Bryde's whales for Scientific Research purposes, and 120 animals were caught north of 40° South.

The quotas set for minke whales were sub-divided on an Area basis, and the quota for sperm whales on a Division basis. Further, the quotas were split into national quotas by agreement between Japan, USSR and Brazil.

In the introduction to International Whaling Statistics No. LXXXIV the national quotas and the catches of the Japanese and USSR pelagic expeditions in the Southern Hemisphere are given for the season 1978/79 by Area and for sperm whales also by Division.

The national quotas and catches for Brazil were:

Species	Quota		Catch
Minke whales	755	Area II	739
Sperm whale males	16	Division 1	12
Sperm whale females	15	Division 1	15

The quotas set apply to member countries of the Commission. Spain, Chile, Peru and Korea became members in June/July 1979.

The catches by these countries in 1979 were:

	Fin whales	Sei whales	Bryde's whales	Minke whales	Sperm whales
Spain	465	—	—	—	82
Peru	—	—	300	—	742
Chile	—	65	—	—	34
Korea	—	—	18	906	—

1) Provisional figures

Portugal and Cyprus are not members of the Commission. Portugal caught 179 sperm whales in 1979 from the Azores and Madeira. No reports are received from Cyprus for the catch in 1979 by the combined floating factory/catcher vessel «Sierra», which is registered in Cyprus.

At the 32nd Annual Meeting of the International Whaling Commission in Brighton in 1980 tables were presented showing the Spanish catch from 1960 to 1979 and the Peruvian catch from 1968 to 1979. The data differ slightly from figures previously published, and revised statistics will be found in tables 1 (Spain) and t (Peru).

Tables Z²—Z¹¹ show the catches of small cetaceans reported to International Whaling Statistics. The figures for the Greenlanders catch of whales and porpoises given in tables Z²—Z¹¹ are provisional. The figures presented in previous volumes are not in full agreement with summaries of the «List of Game» published by the Ministry of Greenland. A revision of the statistics for the last decade is in progress by the said Ministry and will be published later.

From the United States Department of Commerce revised reports have been received of the estimated number of porpoises and dolphins killed by fishermen in the international tuna purse seine fishery in the Eastern tropical Pacific Ocean. These estimates are reported from the Status of Porpoise Stocks Workshop held in August 1979, and are assumed to be better than those reported previously. The total kill includes both direct kill and serious injury. (See Introduction to publication Nos. LXXIII, LXXV, LXXVII, LXXIX and LXXXI.) The revised estimates are printed in table Z¹².

Canadian catches of white whales (table Z⁷) and narwhal (table Z⁹) previously reported do not include the catch from Northern Quebec. According to the Government of Canada, information on catches of Quebec-based native hunters is now becoming available, and a split of the “Hudson and James’ statistical reporting area” will be necessary. Statistics will henceforth be reported in the following manner:

Statistical Area:

Eastern Arctic

Western Arctic

Western Hudson Bay

Eastern Hudson Bay, James Bay and Northern Quebec.

The estimated catch of white whales in Northern Quebec is published in table Z⁷. The estimation is based on the actual reported harvest by participating hunters, but statistically corrected to allow for missing data from potential hunters in the communities. The figures for 1977 and 1978 are provisional. The catch for 1979 is not yet available.

Annex.

Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation.

Years. ¹⁾	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	184	—	6	86	20	5	98
1971—72	20	12	170	—	7 ²⁾	88 ²⁾	20	5	82
1972—73	17	13	186	—	7 ²⁾	82 ²⁾	17	6	104
1973—74	16	13	164	—	8 ³⁾	78	16	5	86
1974—75	14	12	154	—	7 ⁴⁾	75	14	5	79
1975—76	13	8	126	—	5	56	13	3	70
1976—77	11	7	99	—	4	43	11	3	56
1977—78	11	7	97	—	3	34	11	4	63
1978—79	8	7	88	—	3	30	8	4	58

¹⁾ 1968/69 = Antarctic season 1968/69 and outside the Antarctic in the calendar year 1969 a.s.o. ²⁾ Of which 1 floating factory with 4 catchers caught minke whales only. ³⁾ Of which 2 floating factories caught minke whales only. ⁴⁾ Of which 1 floating factory with 3 catchers caught minke whales only.

Table b.—Whales killed, by species.¹⁾

Years.	Blue.	Fin.	Hump-back.	Sei.	Bryde's.	Sperm.	Others.	Total of whales.
1968—69 ...	—	5,320	11	12,391	127	23,929	350	42,126
1969—70 ...	1	5,212	15	11,420	165	25,521	146	42,480
1970—71 ...	9	4,547	24	10,460	937	22,642	152	38,771
1971—72 ...	—	4,191	6	8,615	205	18,895	221	32,133
1972—73 ...	7	2,616	18	6,388	1,055	22,305	216	32,605
1973—74 ...	—	2,077	15	6,234	1,882	21,217	204	31,629
1974—75 ...	—	1,634	17	4,975	1,864	21,045	191	29,726
1975—76 ...	—	785	11	1,866	1,781	17,134	219	21,796
1976—77 ...	—	155	14	2,179	1,413	12,279	215	16,255
1977—78 ...	—	650	33	680	928	11,065	202	13,558
1978—79 ...	—	743	14	150	892	8,530	209	10,544

¹⁾ Exclusive small whales — See tables Z¹—Z¹¹.

Table c.—Whales killed in the various main areas.¹⁾

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic. ²⁾	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic).	
							Japan.	U.S.S.R.
1968—69	42,126	11,478	2,078	1,249	183	4,299	7,167	9,895
1969—70	42,480	11,949	1,880	1,204	73	4,118	6,453	9,845
1970—71	38,771	12,098	2,143	1,368	53	3,842	4,874	6,649
1971—72	32,133	11,508	1,698	1,037	—	3,442	4,039	2,128
1972—73	32,605	9,840	1,658	465	—	2,593	3,771	5,249
1973—74	31,629	10,607	1,817	380	—	2,620	3,731	4,832
1974—75	29,726	9,000	1,707	433	—	2,464	3,063	4,436
1975—76	21,796	4,856	—	404	—	2,570	1,631	4,350
1976—77	16,255	3,860	—	405	—	2,093	1,485	3,541
1977—78	13,558	2,725	—	425	—	1,792	735	2,380
1978—79	10,544	2,304	—	473	—	1,321	226	2,175

Years.	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
1968—69	253	2,305	679	1,101	570	—	869	
1969—70	291	1,934	799	1,617	1,226	156	935	
1970—71	253	1,773	860	1,587	1,571	736	964	
1971—72	352	1,896	953	1,463	1,691	971	955	
1972—73	246	1,838	971	2,779	522	1,730	943	
1973—74	161	1,812	1,080	1,709	723	1,407	750	
1974—75	106	1,343	1,172	2,566	793	1,685	958	
1975—76	87	1,918	995	2,185	771	1,284	745	
1976—77	55	1,193	624	1,086	900	312	701	
1977—78	198	1,070	679	1,054	819	623	1,058	
1978—79	99	1,042	—	872	704	348	980	

¹⁾ Exclusive small whales — See tables Z² — Z²¹. ²⁾ Excluding Spain, Azores and Madeira.

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

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic ¹⁾	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic)	
							Japan.	U.S.S.R.
1968—69	Barrels. 1,205,332	Barrels. 385,822	Barrels. 50,657	Barrels. 43,329	Barrels. 4,533	Barrels. 87,124	Barrels. 174,900	Barrels. 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
1973—74	815,403	334,065	41,648	14,639	—	48,485	108,352	103,534
1974—75	772,778	292,504	36,588	13,147	—	47,310	82,683	89,247
1975—76	573,943	180,076	—	13,034	—	51,766	37,529	102,142
1976—77	460,064	137,460	—	9,417	—	43,168	40,471	95,789
1977—78	417,387	130,004	—	11,365	—	38,137	17,306	103,341
1978—79	323,842	136,761	—	12,903	—	29,348	2,824	81,652

Years.	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
1968—69	Barrels. 5,300	Barrels. 46,978	Barrels. 27,045	Barrels. ³⁾ 19,824	Barrels. 18,234	Barrels. —	Barrels. 19,150	
1969—70	6,500	40,245	33,307	30,749	35,357	5,289	23,185	
1970—71	²⁾ 5,500	31,271	34,894	34,279	43,366	21,892	22,816	
1971—72	⁵⁾	29,741	34,590	⁴⁾ 38,432	48,131	31,384	20,507	
1972—73	⁵⁾	27,441	33,415	56,426	10,906	37,411	20,646	
1973—74	⁵⁾	22,856	33,002	41,071	23,823	29,082	14,846	
1974—75	⁵⁾	17,283	34,610	71,285	21,153	47,135	19,833	
1975—76	⁵⁾	29,518	33,773	59,820	19,239	30,782	16,264	
1976—77	⁵⁾	17,488	23,123	41,012	30,636	6,209	15,291	
1977—78	⁵⁾	⁵⁾	23,129	34,741	23,407	14,965	20,992	
1978—79	⁵⁾	⁵⁾	—	28,000	15,807	9,141	7,406	

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

**Table e.—Whaling results for the various countries. All areas.
Number of whales killed.¹⁾**

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.	Somali Rep.
1968—69	42,126	679	137	695	253	423	16,782	446	—
1969—70	42,480	799	102	712	291	377	16,251	628	—
1970—71	38,771	860	75	710	253	554	15,794	602	—
1971—72	32,133	953	72	586	352	446	14,039	72	76
1972—73	32,605	971	82	—	246	453	11,268	—	491
1973—74	31,629	1,080	32	—	161	365	10,095	—	451
1974—75	29,726	1,172	57	1	106	420	9,450	—	276
1975—76	21,796	995	12	—	87	389	6,227	—	23
1976—77	16,255	624	30	—	55	386	5,274	—	²⁾
1977—78	13,558	679	24	—	198	391	3,191	—	²⁾
1978—79	10,544	—	27	—	99	440	1,867	—	—

	Denmark	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.	Others.
1968—69	3	128	2,305	228	315	2,078	183	17,436	35
1969—70	1	228	1,934	249	413	1,880	73	18,517	25
1970—71	5	196	1,773	353	361	2,143	53	15,014	25
1971—72	5	33	1,896	390	271	1,698	39	11,204	1
1972—73	12	—	1,838	388	251	1,658	37	14,903	7
1973—74	13	—	1,812	234	224	1,817	21	15,266	58
1974—75	13	—	1,343	238	451	1,707	15	14,456	21
1975—76	13	—	1,918	57	410	—	56	11,560	49
1976—77	19	—	1,193	184	242	—	29	8,189	30
1977—78	33	—	1,070	205	582	—	18	7,119	48
1978—79	33	—	1,042	179	547	—	31	6,261	18

¹⁾ Exclusive small whales. — See tables Z²—Z³. ²⁾ No information.

**Table f.—Whaling results for the various countries. All areas.
Oil production in barrels.¹⁾⁵⁾**

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	³⁾
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	²⁾ 5,500	16,863	420,555	4,088
1971—72	923,282	34,590	5,203	17,298	³⁾	14,550	358,742	²⁾⁴⁾
1972—73	859,296	33,415	4,874	—	³⁾	14,692	295,129	⁴⁾ 1,626
1973—74	815,403	33,002	4,545	—	³⁾	14,639	251,648	⁴⁾ 1,840
1974—75	772,778	34,610	6,148	—	³⁾	13,147	236,669	⁴⁾ 708
1975—76	573,943	33,773	4,423	—	³⁾	13,034	144,024	—
1976—77	460,064	23,123	5,355	—	³⁾	9,417	125,639	—
1977—78	417,387	23,129	3,477	—	³⁾	11,365	75,972	—
1978—79	323,842	—	3,909	—	³⁾	12,903	45,560	—

	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.
1968—69	6,435	46,978	5,364	²⁾ 8,740	50,657	4,533	584,385
1969—70	6,835	40,245	6,293	²⁾ 11,300	45,002	1,724	598,890
1970—71	6,248	31,271	8,149	²⁾ 8,980	46,959	1,115	514,175
1971—72	836	29,741	8,084	²⁾ 7,220	46,194	—	400,824
1972—73	—	27,441	9,292	²⁾ 6,480	40,704	—	425,643
1973—74	—	22,856	4,681	²⁾ 5,620	41,648	—	434,924
1974—75	—	17,283	4,910	8,775	36,588	—	413,940
1975—76	—	29,518	1,386	10,455	—	—	337,330
1976—77	—	17,488	3,644	6,292	—	—	269,106
1977—78	—	³⁾	3,256	14,259	—	—	285,929
1978—79	—	³⁾	3,497	³⁾	—	—	257,973

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg) ²⁾ Calculated. ³⁾ No information.

⁴⁾ Somal Rep. ⁵⁾ Inclusive oil produced of minke whales — see table 1.

Table g.—Sperm-oil production.

Grounds	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Antarctic, pelagic	167,734	176,801	152,192	116,529	78,248	102,421	118,337
Africa:							
Natal	37,494	39,883	35,135	—	—	—	—
South Atlantic, pelagic	54,800	39,231	70,577	59,820	41,012	34,741	28,000
Brazil	770	247	566	149	337	324	344
North Atlantic and Arctic:							
Azores	7,627	3,012	2,915	²⁾	2,262	3,256	3,497
Madeira	1,665	1,669	1,995	1,386	1,382	²⁾	²⁾
Spain	¹⁾ 3,560	¹⁾ 3,340	²⁾	²⁾	²⁾	²⁾	²⁾
Norway	—	—	—	—	—	—	—
Iceland	2,519	3,672	1,929	5,115	4,707	5,997	4,511
Pacific North:							
Pelagic, Japan	82,959	78,223	65,624	31,217	36 294	15,306	1,271
Pelagic, U.S.S.R.	102,229	94,470	84,603	97,677	94,495	102,476	80,217
Japan, coastal	51,800	46,112	45,962	51,298	42,691	37,789	29,005
Indian Ocean	10,906	23,823	21,153	19,239	29,324	23,389	14,748
South Pacific Ocean	37,411	29,082	47,135	30,782	5,133	13,930	9,141
Peru	24,629	18,841	13,665	25,830	14,806	²⁾	²⁾
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾
Australia	33,415	33,002	34,610	33,773	23,123	23,129	—
	619,518	591,408	578,061	472,815	373,814	362,758	289,071
Of which produced by:							
South Africa	37,494	39,883	35,135	—	—	—	—
Japan	154,759	135,799	138,556	100,720	86,955	62,089	35,417
U.S.S.R.	353,080	351,943	348,690	305,842	240,242	267,963	245,302
Portugal	9,292	4,681	4,910	1,386	3,644	3,256	3,497
Australia	33,415	33,002	34,610	33,773	23,123	23,129	—
Spain	¹⁾ 3,560	3,340	²⁾	²⁾	²⁾	²⁾	²⁾
Iceland	2,519	3,672	1,929	5,115	4,707	5,997	4,511
Peru	24,629	18,841	13,665	25 830	14,806	²⁾	²⁾
Brazil	770	247	566	149	337	324	344
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾

¹⁾ Calculated ²⁾ No information.

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

Species of whales and whaling grounds	1979	1978	1977	1976	1975	1974	1973
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
Fin whales.							
Antarctic:—							
Pelagic whaling	—	—	—	65,9	66,0	65,5	66,2
Africa:—							
Natal	—	—	—	—	60,7	62,4	62,0
North Atlantic and Arctic:—							
Iceland	60.1	60,2	59,6	60,2	60,0	60,6	60,5
Pacific North:—							
Pelagic, Japan	—	—	—	—	61,0	60,1	60,3
Pelagic, U.S.S.R.	—	—	—	—	60,5	58,5	60,8
Japan, coastal	—	—	—	—	58,9	60,7	59,2
Sei whales.							
Antarctic:—							
Pelagic whaling	—	44,7	47,7	47,8	47,8	47,9	47,5
Africa:—							
Natal	—	—	—	—	46,0	38,5	46,5
Brazil	—	—	48,0	47,7	45,0	43,3	47,4
North Atlantic and Arctic:—							
Iceland	44.2	—	44,2	43,7	43,6	42,4	43,8
Pacific North:—							
Pelagic, Japan	—	—	—	—	44,0	44,1	44,1
Pelagic, U.S.S.R.	—	—	—	—	45,5	45,0	43,8
Japan coastal	—	—	—	—	42,9	42,0	43,3
South Atlantic Ocean, pelagic.	—	—	—	—	43,5	43,2	43,7
Bryde's whales.							
Africa:—							
Natal	—	—	—	—	39,3	41,1	—
Pacific North:—							
Pelagic, Japan	42.3	41,8	41,6	42,2	42,1	41,9	—
Pelagic, U.S.S.R.	41.2	41,3	41,5	41,4	41,3	41,5	41,7
Japan coastal	41.5	—	40,8	40,2	41,3	40,5	39,8
Indian Ocean, pel.	40.4	—	—	—	—	—	—
Minke whales.							
Antarctic:—							
Pelagic whaling	28.4	28,3	28,2	27,8	27,8	27,3	26,7
Africa:—							
Natal	—	—	—	—	26,7	26,3	27,2
Brazil	28.0	28,3	27,9	28,7	28,3	28,7	28,4
Pacific North:—							
Japan coastal	20.8	20,9	—	—	—	—	—
Sperm whales.							
Antarctic:—							
Pelagic whaling	47.8	46,7	45,2	45,0	42,8	42,2	44,3
Africa:—							
Natal	—	—	—	—	35,2	35,8	36,1
South Atlantic, pelagic	41.8	40,7	41,6	38,7	38,5	38,5	35,9
Brazil	33.6	32,5	32,4	34,6	31,5	31,1	31,3
North Atlantic and Arctic:—							
Iceland	48.5	48,2	47,2	47,9	49,2	50,0	49,5
Nova Scotia	—	37,2	—	—	—	—	—

Cont. next p.

Table h cont.

Species of whales and whaling grounds	1979	1978	1977	1976	1975	1974	1973
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
Pacific North:—							
Pelagic, Japan	37.8	37,8	39,8	38,4	40,2	42,5	43,3
Pelagic, U.S.S.R.	42.8	45,1	38,5	37,7	36,6	36,5	36,6
Japan coastal	38.0	37,2	35,9	35,5	35,9	35,4	35,8
South Pacific Ocean, pelagic ..	35.3	36,4	34,6	36,1	37,8	35,3	35,7
Indian Ocean, pel	37.5	39,0	39,9	37,4	37,4	41,6	36,5
Australia	—	40,3	41,2	40,0	38,1	38,7	40,0

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 fac-tories.	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
	1974	—	289	11	9	71	—	380	14,639	1	—	—	4
	1975	—	246	9	141	37	—	433	13,147	1	—	—	4
	1976	—	281	7	5	111	—	404	13,034	1	—	—	4
	1977	—	153	10	132	110	—	405	9,417	1	—	—	4
	1978	—	248	22	14	141	—	425	11,365	1	—	—	4
1979	—	278	14	85	96	—	473	12,903	1	—	—	5	
<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>Faroe Islands.</i>	1978	—	7	—	—	—	—	7	—	—	—	—	—
	1979	—	11	—	1	—	—	12	—	—	—	—	—
<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
	1974	—	285	—	9	71	—	365	14,639	1	—	—	4
	1975	—	245	—	138	37	—	420	13,147	1	—	—	4
	1976	—	275	—	3	111	—	389	13,034	1	—	—	4
	1977	—	144	—	132	110	—	386	9,417	1	—	—	4
	1978	—	236	—	14	141	—	391	11,365	1	—	—	4
1979	—	260	—	84	96	—	440	12,903	1	—	—	4	
<i>Greenland.</i>	1969	—	—	3	—	—	—	3	—	—	—	—	—
	1970	—	—	—	1	—	—	1	—	—	—	—	—
	1971	—	—	4	1	—	—	5	—	—	—	—	—
	1972	—	1	3	—	1	—	5	—	—	—	—	—
	1973	—	2	9	—	—	1	12	—	—	—	—	—
	1974	—	4	9	—	—	—	13	—	—	—	—	—
	1975	—	1	9	3	—	—	13	—	—	—	—	—
	1976	—	6	5	2	—	—	13	—	—	—	—	—
	1977	—	9	10	—	—	—	19	—	—	—	—	—
	1978	—	5	21	—	—	—	26	—	—	—	—	—
	1979	—	7	14	—	—	—	21	—	—	—	—	—
	<i>Nova Scotia.</i>	1969	—	157	—	149	—	—	306	7,033	1	—	—
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	*)	267	*)8,973	2	—	—	3
<i>The West Indies.</i>	1974	—	—	2	—	—	—	2	—	—	—	—	—
	1976	—	—	2	—	—	—	2	—	—	—	—	—
	1978	—	—	1	—	—	—	1	—	—	—	—	—
	1979	—	—	—	—	—	—	4)	—	—	—	—	—
<i>Pelagic.</i>	1970	—	19	—	—	—	—	19	300	—	—	—	1

*) Barrel = 170 kg. (Barrel = abt. $\frac{1}{4}$ long ton). *) In addition minke whales — See table Z¹. *) Incl. oil from minke whales. 4) No information.

Table j.—Azores.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	145	-	145	3,999	-	-	-
1970	-	-	-	-	205	-	205	5,432	-	-	-
1971	-	-	-	-	286	-	286	6,984	-	-	-
1972	-	-	-	-	327	-	327	6,785	-	-	-
1973	-	-	-	-	311	-	311	7,627	-	-	-
1974	-	-	-	-	146	-	146	3,012	-	-	-
1975	-	-	-	-	150	-	150	2,915	-	-	-
1976	-	-	-	-	²⁾	-	²⁾	-	-	-	-
1977	-	-	-	-	³⁾ 102	-	³⁾ 102	³⁾ 2,262	-	-	-
1978	-	-	-	-	³⁾ 125	-	³⁾ 125	³⁾ 3,256	-	-	-
1979	-	-	-	-	127	-	127	3,497	-	-	-

¹⁾ Several small shore stations. ²⁾ No information. ³⁾ Inofficial figures.

Table k.—Madeira.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	83	-	83	1,365	-	-	-
1970	-	-	-	-	44	-	44	861	-	-	-
1971	-	-	-	-	67	-	67	1,165	-	-	-
1972	-	-	-	-	63	-	63	1,299	-	-	-
1973	-	-	-	-	77	-	77	1,665	-	-	-
1974	-	-	-	-	88	-	88	1,669	-	-	-
1975	-	-	-	-	88	-	88	1,995	-	-	-
1976	-	-	-	-	57	-	57	1,386	-	-	-
1977	-	-	-	-	82	-	82	1,382	-	-	-
1978	-	-	-	-	80	-	80	-	-	-	-
1979	-	-	-	-	52	-	52	-	-	-	-

¹⁾ Several small shore stations.

Table l.—Spain.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1960	-	86	-	-	122	-	208	5,263	2	-	3
1961	-	110	-	-	98	-	208	¹⁾ 5,123	2	-	3
1962	-	35	-	-	167	-	202	4,440	2	-	3
1963	-	16	-	-	113	-	129	2,963	2	-	3
1964	-	38	-	-	182	-	220	6,010	2	-	3
1965	-	116	-	-	164	-	280	9,527	2	-	3
1966	-	85	-	-	203	-	288	¹⁾ 8,472	3	-	3
1967	-	80	-	-	207	-	287	¹⁾ 8,566	3	-	3
1968	-	92	-	-	267	-	359	9,020	3	-	3
1969	-	126	-	-	193	-	319	¹⁾ 8,740	3	-	3
1970	-	158	-	-	261	-	419	¹⁾ 11,300	3	-	3
1971	-	93	-	-	273	-	366	¹⁾ 8,980	3	-	3
1972	-	90	-	-	181	-	271	¹⁾ 7,220	3	-	3
1973	-	73	-	-	178	-	251	¹⁾ 6,480	3	-	3
1974	-	57	-	-	167	-	224	¹⁾ 5,620	3	-	3
1975	-	220	-	-	231	-	451	8,775	3	-	3
1976	-	290	-	-	120	-	410	10,455	3	-	3
1977	-	164	-	-	78	-	242	6,292	2	-	2
1978	-	402	-	-	180	-	582	14,259	2	-	5
1979	-	465	-	-	82	-	547	²⁾	²⁾	²⁾	

¹⁾ Calculated. ²⁾ 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	—	¹⁾ (2)	¹⁾ —
1970	—	—	—	—	907	—	907	26,846	—	¹⁾ (2)	¹⁾ —
1971	—	—	—	2	886	—	888	28,200	—	¹⁾ (2)	¹⁾ —
1972	—	—	—	8	1,277	—	1,285	37,632	—	¹⁾ (2)	¹⁾ —
1973	—	—	—	—	2,288	—	2,288	54,800	—	¹⁾ (2)	¹⁾ —
1974	—	—	—	—	1,258	—	1,258	39,231	—	¹⁾	¹⁾
1975	—	—	—	—	2,290	—	2,290	70,577	—	¹⁾	¹⁾
1976	—	—	—	—	2,162	—	2,162	59,820	—	¹⁾	¹⁾
1977	—	—	—	—	1,086	—	1,086	41,012	—	¹⁾	¹⁾
1978	—	—	—	—	1,054	—	1,054	34,741	—	¹⁾	¹⁾
1979	—	—	—	—	872	—	872	28,000	—	¹⁾	¹⁾

¹⁾ The material is included in the Antarctic statistics.

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	¹⁾	—	—	1
1970	—	—	—	455	255	—	710	3,903	—	—	2
1971	—	—	—	378	321	—	699	6,079	—	—	2
1972	—	—	—	148	30	—	178	²⁾ 800	—	—	2
1973	—	1	—	490	—	—	491	1,626	—	—	1
1974	—	2	—	449	—	—	451	1,840	—	—	1
1975	—	1	—	275	—	—	276	708	—	—	1
1976 ³⁾	—	—	—	23	—	—	23				
1977	—	—	—	—	—	—	¹⁾				
1978	—	—	—	—	—	—	¹⁾				
1979	—	—	—	—	—	—	¹⁾				

¹⁾ No information. ²⁾ Oil produced of 148 sei whales. ³⁾ January — February 16 th.

Table n.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production. ²⁾ Barrels.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
Natal.	1969	—	150	—	40	1,885	¹⁾ 3	²⁾ 2,078	50,657	1	—	7	
	1970	—	47	—	8	1,824	¹⁾ 1	1,880	45,002	1	—	7	
	1971	—	64	—	10	2,068	¹⁾ 1	2,143	46,959	1	—	6	
	1972	—	51	—	4	1,640	¹⁾ 3	1,698	46,194	1	—	6	
	1973	—	41	1	4	1,606	¹⁾ 6	1,658	40,704	1	—	6	
	1974	—	21	—	4	1,783	¹⁾ 9	1,817	41,648	1	—	6	
	1975	—	21	—	1	1,682	¹⁾ 3	1,707	36,588	1	—	5	

¹⁾ Bryde's whales. ²⁾ In addition minke whales — see table Z²⁾. ³⁾ Incl. oil from minke whales.

Table o.—Pacific North.
(Exclusive Japan, Bering Sea, and Kuril Islands.)

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.	
<i>California.</i>	1969	—	31	—	10	68	¹⁾ 74	183	4,533	1	—	3	
	1970	—	5	—	4	64	—	73	1,724	1	—	3	
	1971	—	4	—	2	47	—	53	1,115	1	—	3	
<i>U.S.S.R. coastal</i>	1969	—	9	2	—	—	¹⁾ 139	150	—	—	—	—	
	1970	—	—	—	—	—	¹⁾ 146	146	—	—	—	—	
	1971	—	—	—	—	—	¹⁾ 150	150	—	—	—	—	
	1972	—	2	4	—	—	²⁾ 182	188	—	—	—	—	
	1973	—	3	—	—	—	³⁾ 175	178	—	—	—	—	
	1974	—	1	—	—	—	⁴⁾ 184	185	—	—	—	—	
	1975	—	1	—	—	—	⁵⁾ 173	174	—	—	—	—	
	1976	—	—	—	—	—	¹⁾ 163	163	—	—	—	—	
	1977	—	—	—	—	—	¹⁾ 186	186	—	—	—	—	
	1978	—	—	—	—	—	¹⁾ 182	182	—	—	—	—	
1979	—	—	—	—	—	¹⁾ 178	178	—	—	—	—		
<i>U.S.A.</i>	1972	—	—	—	—	—	⁶⁾ 39	39	—	—	—	—	
	1973	—	—	—	—	—	⁷⁾ 37	37	—	—	—	—	
	1974	—	—	—	—	—	⁸⁾ 21	21	—	—	—	—	
	1975	—	—	—	—	—	⁷⁾ 15	15	—	—	—	—	
	1976	—	—	—	—	—	⁷⁾ 56	56	—	—	—	—	
	1977	—	—	—	—	—	⁷⁾ 29	29	—	—	—	—	
	1978	—	—	—	—	—	⁷⁾ 18	18	—	—	—	—	
1979	—	—	—	—	—	⁷⁾ 31	31	—	—	—	—		
<i>Canada.</i>	1975	—	—	—	—	—	⁷⁾ 1	1	—	—	—	—	

¹⁾ Gray whales. ²⁾ 181 gray whales and 1 right whale. ³⁾ 173 gray whales and 2 right whales. ⁴⁾ 181 gray whales and 8 right whales. ⁵⁾ 171 gray whales and 2 right whales. ⁶⁾ 38 right whales and 1 gray whale. ⁷⁾ Right whales. ⁸⁾ 20 right whales and 1 gray whale.

Table p.—Japan.

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	—	76	—	466	3,668	¹⁾ 89	4,299	87,124	7	—	14
1970	—	77	—	484	3,484	¹⁾ 73	4,118	74,273	7	—	12
1971	—	66	—	276	3,328	¹⁾ 172	3,842	73,532	6	—	12
1972	—	82	—	215	3,020	¹⁾ 125	3,442	64,720	8	—	12
1973	—	43	—	43	2,436	¹⁾ 71	2,593	53,740	8	—	12
1974	—	24	—	48	2,361	¹⁾ 187	2,620	48,485	7	—	12
1975	—	11	—	30	2,307	¹⁾ 116	2,464	47,310	5	—	12
1976	—	—	—	—	2,487	¹⁾ 83	2,570	51,766	5	—	12
1977	—	—	—	—	2,017	¹⁾ 76	2,093	43,168	4	—	7
1978	—	—	—	—	1,730	¹⁾ 62	1,792	38,137	4	—	7
1979	—	—	—	—	1,269	¹⁾ 52	1,321	29,348	4	—	7

¹⁾ Bryde's whales.

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

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	—	576	—	3,591	3,000	—	7,167	174,900	—	3	27
1970	—	518	—	3,235	2,700	—	6,453	181,159	—	3	27
1971	—	542	—	2,431	1,803	¹⁾ 98	4,874	145,571	—	3	26
1972	—	426	—	2,041	1,567	¹⁾ 5	4,039	112,071	—	3	25
1973	—	256	—	1,710	1,803	¹⁾ 2	3,771	106,406	—	3	22
1974	—	216	—	1,190	1,803	¹⁾ 522	3,731	108,352	—	3	21
1975	—	118	—	454	1,803	¹⁾ 688	3,063	82,683	—	3	18
1976	—	—	—	—	1,053	¹⁾ 578	1,631	37,529	—	1	9
1977	—	—	—	—	1,061	¹⁾ 424	1,485	40,471	—	1	8
1978	—	—	—	—	535	¹⁾ 200	735	17,306	—	1	7
1979	—	—	—	—	51	¹⁾ 175	226	2,824	—	1	4

¹⁾ Bryde's whales.

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

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	—	593	—	1,091	8,211	—	9,895	322,436	—	3	31
1970	—	412	—	782	8,585	¹⁾ 66	9,845	308,518	—	2	30
1971	—	190	—	296	5,525	¹⁾ 638	6,649	231,746	—	2	28
1972	—	250	—	71	1,736	¹⁾ 71	2,128	78,600	—	2	19
1973	—	161	—	103	4,329	¹⁾ 656	5,249	111,970	—	3	46
1974	—	173	—	42	3,963	¹⁾ 654	4,832	103,534	—	2	29
1975	—	33	—	24	3,750	¹⁾ 629	4,436	89,247	—	2	26
1976	—	—	—	—	3,671	¹⁾ 679	4,350	102,142	—	2	31
1977	—	—	—	—	3,266	¹⁾ 275	3,541	95,789	—	2	24
1978	—	—	—	—	2,164	¹⁾ 216	2,380	103,341	—	3	30
1979	—	—	—	—	1,948	¹⁾ 227	2,175	81,652	—	3	35

¹⁾ Bryde's whales.

Table s.—Brazil.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others. ¹⁾	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	62	75	—	137	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
1974	—	—	—	3	29	—	32	4,545	1	—	1
1975	—	—	—	3	54	—	57	6,148	1	—	1
1976	—	—	—	3	9	—	12	4,423	1	—	1
1977	—	—	—	5	25	—	30	5,355	1	—	²⁾ 2
1978	—	—	—	—	24	—	24	3,477	1	—	1
1979	—	—	—	—	27	—	27	3,909	1	—	1

¹⁾ In addition minke whales — see table Z². ²⁾ Incl. oil from minke whales. ³⁾ 2 catchers for part of the season only.

Table t.—Peru.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei. ²⁾	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	74	—	784	1,452	—	2,310	46,978	1	—	4
1970	—	85	—	413	1,432	—	1,930	40,245	1	—	4
1971	—	37	—	415	1,321	—	1,773	31,271	1	—	4
1972	—	9	—	337	1,554	—	1,900	29,741	1	—	3
1973	—	11	—	19	1,497	²⁾ 311	1,838	27,441	1	—	3
1974	—	5	—	63	1,286	²⁾ 458	1,812	22,856	1	—	3
1975	—	5	—	130	793	²⁾ 415	1,343	17,283	1	—	3
1976	—	13	—	12	1,500	²⁾ 398	1,923	29,518	1	—	3
1977	—	2	—	5	799	²⁾ 386	1,192	17,488	1	—	3
1978	—	—	—	3	770	²⁾ 297	1,070	¹⁾ 1	1	—	3
1979	—	—	—	—	742	²⁾ 300	1,042	¹⁾ 1	1	—	3

¹⁾ No information. ²⁾ Bryde's whales. ³⁾ Sei and Bryde's whales for 1969—1972.

Table u.—Chile.

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	—	—	1	31	221	²⁾	253	¹⁾ 5,300	1	—	4
1970	1	13	—	17	270	—	301	¹⁾ 6,500	1	—	3
1971	1	3	—	1	246	2	253	¹⁾ 5,500	1	—	3
1972	—	—	—	15	337	—	352	³⁾	1	—	3
1973	—	—	—	14	232	—	246	³⁾	1	—	3
1974	—	2	—	34	125	—	161	³⁾	1	—	3
1975	—	—	—	58	48	—	106	³⁾	1	—	3
1976	—	—	—	2	85	—	87	³⁾	1	—	3
1977	—	—	—	15	40	—	55	³⁾	1	—	3
1978	—	—	—	98	100	—	198	³⁾	1	—	3
1979	—	—	—	65	34	—	99	³⁾	1	—	3

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

Table v.—South Pacific 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	—	—	—	—	—	—	—	—	—	—	—
1970	—	—	—	—	156	—	156	5,289	—	²⁾ (1)	²⁾ —
1971	3	—	—	—	732	¹⁾ 1	736	21,892	—	²⁾ (2)	²⁾ —
1972	—	—	—	—	971	—	971	31,384	—	²⁾ (2)	²⁾ —
1973	—	—	—	—	1,730	—	1,730	37,411	—	²⁾ (2)	²⁾ —
1974	—	—	—	—	1,407	—	1,407	29,082	—	²⁾	²⁾ —
1975	—	—	—	—	1,685	—	1,685	47,135	—	²⁾	²⁾
1976	—	—	—	—	1,284	—	1,284	30,782	—	²⁾	²⁾
1977	—	—	—	—	192	¹⁾ 120	312	6,209	—	²⁾	²⁾
1978	—	—	—	—	509	¹⁾ 114	623	14,965	—	²⁾	²⁾
1979	—	—	—	—	348	—	348	9,141	—	²⁾	²⁾

¹⁾ Bryde's whales. ²⁾ Incl. in the Antarctic statistics.

2. Tonga Islands.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1973	—	—	3	—	—	—	3				
1974	—	—	4	—	—	—	4				
1975	—	—	8	—	—	—	8				
1976	—	—	4	—	—	—	4				
1977	—	—	4	—	—	—	4				
1978	—	—	11	—	—	—	11				

Table w.—Indian Ocean. (North of 40° South Lat.)¹⁾

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	570	—	570	18,234	—	²⁾ (3)	²⁾ —
1970	—	—	—	—	1,226	—	1,226	35,357	—	²⁾ (4)	²⁾ —
1971	5	—	—	—	1,564	³⁾ 2	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⁾ —
1974	—	—	—	—	723	—	723	23,823	—	²⁾	²⁾ —
1975	—	—	—	—	793	—	793	21,153	—	²⁾	²⁾
1976	—	—	—	—	771	—	771	19,239	—	²⁾	²⁾
1977	—	—	—	—	795	³⁾ 105	900	30,636	—	²⁾	²⁾
1978	—	—	—	—	814	³⁾ 5	819	23,407	—	²⁾	²⁾
1979	—	—	—	—	584	³⁾ 120	704	15,807	—	²⁾	²⁾

¹⁾ Catch by fl. factories outside the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics. ³⁾ Bryde's whales.

Table x.—Australia.

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	—	—	—	—	679	—	679	27,045	1	—	3
1970	—	—	—	—	799	—	799	33,307	1	—	3
1971	—	—	—	—	860	—	860	34,894	1	—	3
1972	—	—	—	—	953	—	953	34,590	1	—	3
1973	—	—	—	—	971	—	971	33,415	1	—	3
1974	—	—	—	—	1,080	—	1,080	33,002	1	—	3
1975	—	—	—	—	1,172	—	1,172	34,610	1	—	3
1976	—	—	—	—	995	—	995	33,773	1	—	3
1977	—	—	—	—	624	—	624	23,123	1	—	3
1978	—	—	—	—	679	—	679	23,129	1	—	3

Table y. — Republic of Korea.

Years	Species of whales caught							Oil production Barrels ¹⁾	Expeditions ¹⁾		
	Blue	Bryde's	Hump-back	Sei	Sperm	Others	Total of whales		Shore stations	Floating fact.	Catchers.
1965	—	17	2	—	—	—	19				
1966	—	14	5	—	—	3	22				
1967	—	20	—	—	—	1	21				
1968	—	25	—	3	—	—	28				
1969	—	35	—	—	—	—	35				
1970	—	25	—	—	—	—	25				
1971	—	25	—	—	—	—	25				
1972	—	1	—	—	—	—	1				
1973	—	4	—	—	—	—	4				
1974	—	52	—	—	—	—	52				
1975	—	13	—	—	—	—	13				
1976	—	43	—	—	—	—	43				
1977	—	26	—	—	—	—	26				
1978	—	34	—	—	—	2	36				
1979	—	18	—	—	—	—	18				

¹⁾ No information.

Table Z¹. — Production of by-products in the Antarctic and on other whaling grounds.

		Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
		L. tons	L. tons		L. tons	L. tons	L. tons
1968-69	Total	49,705	1,964	¹⁾ 9,637,000	159,021	5,934	24,140
1969-70	»	45,183	1,887	²⁾ 11,346,000	163,458	8,438	24,117
1970-71	»	38,852	1,778	11,049,000	158,644	9,282	16,308
1971-72	»	41,127	1,829	4,393,000	158,405	5,801	2,361
1972-73	»	38,161	1,686	5,613,000	127,949	5,772	16,129
1973-74	»	37,907	1,826	6,118,000	134,514	5,721	4,494
1974-75	»	35,459	1,700	5,795,000	128,988	3,917	1,719
1975-76	»	24,704	1,737	3,819,000	90,895	2,508	1,537
1976-77	»	20,958	1,302	148 l.t.	89,506	1,726	1,289
1977-78	»	15,869	1,432	820 l.t.	64,843	1,675	1,836
1978-79	»	13,110	1,360	114 l.t.	62,067	—	472

Cont. next p.

Table Z¹ cont.

	Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons		L. tons	L. tons	L. tons
<i>Summary by grounds: 1975/76</i>						
Antarctic	7,982	1,737		- ³⁾ 66,308	-	155
Brazil	332	-		- ³⁾ 2,174	-	-
North Atlantic and Arctic:						
Azores ⁴⁾						
Madeira	75					
Spain ⁴⁾						
Iceland	1,492	-		3,592	-	46
Greenland ⁴⁾						
North Pacific Ocean, pel.						
Japan	264	-		6,227	-	4
U.S.S.R.	3,423	-	3,819,000	5,587	-	103
Japan, coastal	7,402	-		4,979	-	1,029
U.S.A., coastal ⁴⁾						
U.S.S.R., coastal ⁴⁾						
Peru	2,362	-		2,028	-	200
Chile ⁴⁾						
Australia	1,372	-		-	2,508	-
South Atlantic Ocean ⁴⁾ .						
Total	24,704	1,737	3,819,000	90,895	2,508	1,537
<i>1976/77</i>						
Antarctic, pelagic ⁵⁾	6,565	1,302		66,447	-	213
Brazil ³⁾	557	-		1,845	-	105
North Atlantic and Arctic:						
Azores ⁴⁾						
Madeira	81	-		-	-	-
Spain ⁴⁾						
Iceland	1,123	-		3,508	-	35
Greenland ⁴⁾						
North Pacific Ocean, pel.						
Japan	262	-		5,822	-	5
U.S.S.R.	3,245	-	148 l.t.	5,339	-	11
Japan coastal	6,618	-		4,652	-	920
U.S.A., coastal ⁴⁾						
U.S.S.R., coastal ⁴⁾						
Peru	1,464	-		1,893	-	-
Chile ⁴⁾						
Australia	1,043	-		-	1,726	-
South Atlantic Ocean ⁴⁾ .						
Total	20,958	1,302	148 l.t.	89,506	1,726	1,289

¹⁾ In addition 21 tons. ²⁾ In addition 10 tons. ³⁾ Inclusive products from minke whales. ⁴⁾ No information.
⁵⁾ Inclusive products from minke whales and whales caught north of 40° S.

Table Z¹ cont.

	Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
<i>Summary by grounds:</i>						
1977/78						
Antarctic ¹⁾	5,426	1,396	681	46,182	-	39
Brazil ²⁾	320	-	-	1,742	-	-
North Atlantic and Arctic:						
Azores ³⁾						
Madeira ³⁾						
Spain ³⁾						
Iceland	1,424	-	-	4,353	-	110
Greenland ³⁾						
North Pacific Ocean, pel.						
Japan	-	-	-	1,614	-	1,507
U.S.S.R.	3,065	36	139	4,841	-	4
Japan coastal	4,606	-	-	6,111	-	173
U.S.A. coastal ³⁾						
U.S.S.R. coastal ³⁾						
Peru ³⁾						
Chile ³⁾						
Australia	1,028	-	-	-	1,675	3
South Atlantic Ocean ³⁾						
Total	15,869	1,432	820	64,843	1,675	1,836
<i>Summary by grounds:</i>						
1978/79						
Antarctic ¹⁾	4,740	1,234	-	42,983	-	23
Brazil ²⁾	383	-	-	2,134	-	165
North Atlantic and Arctic:						
Azores ³⁾						
Madeira ³⁾						
Spain ³⁾						
Iceland	1,548	-	-	4,371	-	111
Greenland ³⁾						
North Pacific Ocean, pel.						
Japan	-	-	-	1,444	-	86
USSR	2,483	126	114	7,042	-	9
Japan coastal	3,956	-	-	4,093	-	78
Korea ³⁾						
U.S.A. coastal ³⁾						
U.S.S.R. coastal ³⁾						
Peru ³⁾						
Chile ³⁾						
South Atlantic Ocean ³⁾						
Total	13,110	1,360	114	62,067	-	472

¹⁾ Including by-products from minke whales and whales caught north of 40° South. ²⁾ Including by-products from minke whales. ³⁾ No information.

Table Z.¹ — Catch of small whales by species and countries.

Years countries	Species of whales caught								
	Minke whales	Bottle- nosed whales	Pilot whales	Killer whales	White whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1969	4,111	486	1,552	248	1,333	138	246	1,339	544,078
1970	4,539	536	738	277	1,827	113	505	7,184	527,750
1971	4,787	213	1,215	94	750	118	262	5,420	262,034
1972	7,927	19	603	50	1,207	86	120	8,647	423,695
1973	10,438	30	1,191	25	1,607	32	546	18,378	252,187
1974	11,649	4	807	60	2,084	32	460	3,796	165,781
1975	11,221	3	1,349	49	1,192	46	372	5,827	194,462
1976	10,176	1	660	17	2,134	13	406	5,919	128,274
1977	12,398	2	1,040	53	2,006	44	497	4,320	51,438
1978	9,042	5	1,350	171	1,222	36	784	732	30,517
1979	9,885	-	1,778	270	975	28	558	873	23,605
1969.									
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	-	-	-	-	-
Rep. of Korea ..	386	-	-	-	-	-	-	-	-
South Africa ..	112	-	-	-	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	-	-
Other nations ..	-	-	-	-	-	-	-	-	-
U.S.S.R.	17	1	-	-	-	-	-	-	-
Total	4,111	486	1,552	248	1,333	138	246	1,339	544,078
1970.									
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	-	-	-	-	-
Rep. of Korea ..	715	-	-	-	-	-	-	-	-
South Africa ..	171	-	-	-	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	6,000	-
Other nations ..	-	-	-	-	-	-	-	-	-
U.S.S.R.	30	-	-	7	-	-	-	-	-
Total	4,539	536	738	277	1,827	113	505	7,184	527,750
1971.									
Brazil	900	-	-	-	-	-	-	-	-
Canada	73	-	-	2	^{a)} 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	-	-	-	-	-
Rep. of Korea ..	730	-	-	-	-	-	-	-	-
South Africa ..	204	-	-	-	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	4,100	-
Other nations ..	-	-	-	-	-	-	-	-	-
U.S.S.R.	40	-	2	9	-	-	-	-	-
Total	4,787	213	1,215	94	750	118	262	5,420	262,034

Cont. next p.

Table Z^a cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1972.									
Brazil	702	-	-	-	-	-	-	-	-
Canada	97	-	-	-	²)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	-	-	-	-	-
Rep. of Korea .	767	-	-	-	-	-	-	-	-
Somali Republic	1	-	-	-	-	-	-	-	-
South Africa ..	135	-	-	17	-	-	-	-	-
U.S.A.	-	-	-	-	185	-	-	7,600	} ¹)423,678
Other nations ..	-	-	-	-	-	-	-	-	
U.S.S.R.	41	2	-	2	-	-	-	-	-
Total	7,927	19	603	50	1,207	86	120	8,647	423,695
1973.									
Brazil	650	-	-	-	-	-	-	-	-
Canada	-	-	-	-	538	-	341	-	-
Denmark:									
Faroe Islands	-	-	1,050	1	-	-	-	-	-
Greenland ...	268	-	-	-	1,069	-	205	778	2
Great Britain .	-	-	64	-	-	-	-	-	-
Iceland	122	-	-	-	-	-	-	-	-
Japan	2,633	-	77	-	-	32	-	-	2
Norway	2,055	3	-	1	-	-	-	-	-
Rep. of Korea .	882	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	173	-	-	8	-	-	-	-	1
U.S.A.	-	-	-	-	-	-	-	17,600	¹) 196,556
Other nations ..	-	-	-	-	-	-	-	-	¹) 55,626
U.S.S.R.	3,653	27	-	15	-	-	-	-	-
Total	10,438	30	1,191	25	1,607	32	546	18,378	252,187
1974.									
Brazil	765	-	-	-	-	-	-	-	-
Canada	-	-	-	-	1,177	-	291	-	-
Denmark:									
Faroe Islands	-	-	673	-	-	-	-	-	4
Greenland ..	204	-	-	2	907	-	169	596	13
Great Britain .	-	-	71	-	-	-	-	-	-
Iceland	90	-	-	-	-	-	-	-	-
Japan	4,085	-	62	2	-	32	-	-	1
Norway	1,820	-	1	6	-	-	-	-	-
Rep. of Korea .	566	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	117	-	-	2	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	3,200	¹) 139,882
Other nations ..	-	-	-	-	-	-	-	-	¹) 25,881
U.S.S.R.	4,000	4	-	48	-	-	-	-	-
Total	11,649	4	807	60	2,084	32	460	3,796	165,781

Cont. next p.

Table Z² cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1975.									
Brazil	1,039	-	-	-	-	-	-	-	-
Canada	-	-	-	-	792	-	251	-	-
Denmark:									
Faroe Islands	-	-	1,080	-	-	-	-	-	-
Greenland ..	171	-	81	-	400	-	121	627	-
Great Britain ..	-	-	135	-	-	-	-	-	-
Iceland	181	-	-	-	-	-	-	-	-
Japan	3,869	-	53	3	-	46	-	-	5
Norway	1,788	-	-	2	-	-	-	-	-
Rep. of Korea .	561	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	110	-	-	4	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	5,200 ¹⁾	166,645
Other nations ..	-	-	-	-	-	-	-	¹⁾	27,812
U.S.S.R.	3,500	3	-	40	-	-	-	-	-
Total	11,221	3	1,349	49	1,192	46	372	5,827	194,462
1976.									
Brazil	776	-	-	-	-	-	-	-	-
Canada	-	-	-	-	1,075	-	300	-	-
Denmark:									
Faroe Islands	-	-	531	-	-	-	-	-	44
Greenland ...	169	-	1	-	1 059	-	106	519	5
Great Britain ..	-	-	117	-	-	-	-	-	-
Iceland	197	-	-	-	-	-	-	-	-
Japan	3,377	-	11	1	-	13	-	-	3
Norway	2,146	-	-	-	-	-	-	-	-
Rep. of Korea ..	494	-	-	-	-	-	-	-	-
Somali Republic ⁴⁾	-	-	-	-	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	5,400 ¹⁾	108,740
Other nations ..	-	-	-	-	-	-	-	¹⁾	19,482
U.S.S.R.	3,017	1	-	16	-	-	-	-	-
Total	10,176	1	660	17	2,134	13	406	5,919	128,274
1977									
Brazil	1,000	-	-	-	-	-	-	-	-
Canada	-	-	-	14	1,302	-	263	-	-
Denmark:									
Faroe Islands	-	-	898	-	-	-	-	-	-
Greenland ...	251	-	71	2	704	-	234	1,010 ⁵⁾	84
Great Britain ..	-	-	65	-	-	-	-	-	-
Iceland	194	-	-	-	-	-	-	-	-
Japan	4,198	-	6	1	-	44	-	-	1
Norway	1,772	-	-	7	-	-	-	-	-
Rep. of Korea ..	1,033	-	-	-	-	-	-	-	-
USA	-	-	-	-	-	-	-	3,310 ¹⁾	25,452
Other nations .	-	-	-	-	-	-	-	¹⁾	25,901
U.S.S.R.,	3,950	2	-	29	-	-	-	-	-
Total	12,398	2	1,040	53	2,006	44	497	4,320	51,438

Cont. next p.

Table Z^a cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1978									
Brazil	690	-	-	-	-	-	-	-	-
Canada	-	-	-	-	703	-	279	-	-
Denmark:									
Faroe Islands	-	2	1,238	31	-	-	-	-	-
Greenland ²⁾ ..	144	-	101	-	519	-	505	732	4
Great Britain ⁴⁾ .	-	-	-	-	-	-	-	-	-
Iceland	198	-	-	-	-	-	-	-	-
Japan	2,800	-	11	-	-	36	-	-	-
Norway	1,592	-	-	63	-	-	-	-	-
Rep. of Korea .	1,018	-	-	-	-	-	-	-	-
USA	-	-	-	-	-	-	-	-	19,366
Other nations..	-	-	-	-	-	-	-	-	11,147
U.S.S.R.	2,600	3	-	77	-	-	-	-	-
Total	9,042	5	1,350	171	1,222	36	784	732	30,517
1979									
Brazil	739	-	-	-	-	-	-	-	-
Canada	-	-	-	-	449	-	319	-	-
Denmark:									
Faroe Islands	-	-	1,725	-	-	-	-	-	-
Greenland ²⁾ ..	189	-	50	-	526	-	239	873	10
Great Britain ⁴⁾ .	-	-	-	-	-	-	-	-	-
Iceland	199	-	-	-	-	-	-	-	-
Japan	3,139	-	3	-	-	28	-	-	-
Norway	1,980	-	-	221	-	-	-	-	-
Rep. of Korea ..	906	-	-	-	-	-	-	-	-
USA	-	-	-	-	-	-	-	-	17,084
Other nations..	-	-	-	-	-	-	-	-	6,511
U.S.S.R.	2,733	-	-	49	-	-	-	-	-
Total	9,885	-	1,778	270	975	28	558	873	23,605
1980 ⁶⁾									
Japan	3,279	-	-	-	-	-	-	-	-
U.S.S.R.	3,879	-	-	916	-	-	-	-	-

¹⁾ See Introduction. ²⁾ Data incomplete. ³⁾ According to International Fisheries and Marine Directorate represent all figures confirmed landings. Totals do not include abandoned animals and cripple losses. Realistic totals would be obtained by multiplying the narwhal numbers by 2 and the beluga numbers by 1.5 e.g. 582 narwhal and 764 beluga. See also Introduction to No. LXXIII page 11. ⁴⁾ No information. ⁵⁾ Others or unspecified. ⁶⁾ Antarctic 1979/80. ⁷⁾ Provisional figures.

**Table Z³.—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
	1974	—	—	—	42	369	921	153	335	—	—	—	—	1,820
	1975	—	—	—	50	258	1,004	163	313	—	—	—	—	1,788
	1976	—	—	—	13	450	1,294	76	307	—	—	—	—	⁶⁾ 2,146
	1977	—	—	—	11	576	1,086	29	41	—	—	—	—	¹⁰⁾ 1,772
	1978	—	—	—	12	850	493	114	91	—	—	—	—	¹⁴⁾ 1,592
	1979	—	—	—	26	346	1,291	205	93	10	—	—	—	²⁰⁾ 1,980
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
	1974	—	—	—	27	230	116	31	45	—	—	—	—	449
	1975	—	—	—	44	91	115	35	70	—	—	—	—	355
	1976	—	—	—	13	73	81	12	34	—	—	—	—	213
	1977	—	—	—	11	181	311	2	—	—	—	—	—	¹¹⁾ 513
	1978	—	—	—	12	537	52	1	18	—	—	—	—	¹⁵⁾ 627
	1979	—	—	—	26	68	733	82	30	—	—	—	—	²¹⁾ 946
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
	1974	—	—	—	—	129	721	—	—	—	—	—	—	850
	1975	—	—	—	—	141	794	—	—	—	—	—	—	935
	1976	—	—	—	—	337	1,148	—	—	—	—	—	—	⁷⁾ 1,489
	1977	—	—	—	—	374	751	2	—	—	—	—	—	¹²⁾ 1,148
	1978	—	—	—	—	291	418	—	—	—	—	—	—	¹⁶⁾ 727
	1979	—	—	—	—	275	529	27	—	—	—	—	—	²²⁾ 833
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
	1974	—	—	—	15	10	84	122	290	—	—	—	—	521
	1975	—	—	—	6	26	95	128	243	—	—	—	—	498
	1976	—	—	—	—	40	65	64	273	—	—	—	—	⁸⁾ 444
	1977	—	—	—	—	21	24	25	41	—	—	—	—	111
	1978	—	—	—	—	22	23	113	73	—	—	—	—	¹⁷⁾ 238
	1979	—	—	—	—	3	29	96	63	10	—	—	—	201
Antarctic ⁴⁾	1969/70	—	—	—	—	—	—	—	—	—	—	—	1	1
	1970/71	—	—	—	15	17	—	—	—	—	—	—	—	32
Denmark:—														
Faroe Islands	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	—	—	—	—	—
	1971	—	—	—	—	—	3 ^{a)}	—	—	—	—	—	—	3

Cont. next p.

Table Z^s cont.

Grounds	Year	Months											Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
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
	1974	-	-	-	10	15	14	29	39	28	40	26	3	204
	1975	-	-	1	2	10	16	27	29	26	46	14	-	171
	1976	-	8	2	3	18	19	27	19	24	33	16	-	169
	1977	-	5	9	8	26	46	36	35	30	29	7	1 ¹⁸⁾	251
	1978	-	-	-	13	17	18	22	18	25	16	6	7 ²³⁾	144
1979	-	-	3	15	20	28	32	27	33	23	6	- ²³⁾	189	
Iceland	1972	-	-	-	-	-	-	-	-	-	-	-	-	35
	1973	-	-	-	-	-	-	-	-	-	-	-	-	122
	1974	-	-	6	8	9	2	10	26	14	12	3	-	90
	1975	-	-	3	30	13	22	37	36	7	12	-	5)	181
	1976	-	-	1	6	5	6	42	55	62	15	3	9)	197
	1977	-	-	3	14	34	37	73	33	-	-	-	-	194
	1978	-	-	-	11	29	58	92	2	6	-	-	-	198
	1979	-	-	-	-	14	33	62	64	11	7	7	- ¹⁹⁾	199
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
1974	-	-	9	56	89	33	81	72	30	2	-	-	-	372
1975	-	-	6	38	78	64	75	78	30	1	-	-	-	370
1976	-	-	-	94	61	45	69	52	39	-	-	-	-	360
1977	-	-	-	32	75	30	34	31	46	-	-	-	-	248
1978	-	-	-	94	124	20	47	56	59	-	-	-	-	400
1979	-	-	-	70	98	53	48	64	74	-	-	-	-	407
Pacific, pelagic ...	1970	-	-	-	-	-	1	1	8	-	-	-	-	10
Antarctic ¹⁾	1968/69	41	-	1	-	-	-	-	-	-	-	-	-	42
1969/70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1970/71	-	4	-	-	-	-	-	-	-	-	-	-	-	4
1971/72	1029	671	13	-	-	-	-	-	-	-	105	1195	-	3,013
1972/73	499	-	-	-	-	-	-	-	-	-	292	1301	-	2,092
1973/74	1043	549	7	-	-	-	-	-	-	-	905	1209	-	3,713
1974/75	947	321	-	-	-	-	-	-	-	-	944	1287	-	3,499
1975/76	185	1050	-	-	-	-	-	-	-	-	943	839	-	3,017
1976/77	2068	-	-	-	-	-	-	-	-	-	1736	146	-	3,950
1977/78	-	1343	-	-	-	-	-	-	-	-	135	922	-	2,400
1978/79	840	882	94	-	-	-	-	-	-	-	-	-	916	2,732
1979/80	907	1144	16	-	-	-	-	-	-	-	273	939	-	3,279
Brazil	1969	-	-	-	-	-	6	49	88	137	150	153	34	617
1970	-	-	-	-	-	-	8	99	135	154	148	136	21	701
1971	-	-	-	-	-	-	6	77	100	251	313	153	-	900
1972	-	-	-	-	-	-	5	22	84	165	187	178	61	702
1973	-	-	-	-	-	-	-	6	88	144	210	168	34	650
1974	-	-	-	-	-	-	7	69	131	191	184	128	55	765
1975	-	-	-	-	-	-	14	79	191	227	268	188	72	1,039
1976	-	-	-	-	-	-	8	84	154	223	208	99	-	776
1977	-	-	-	-	-	-	1	37	117	182	355	290	9	1,000
1978	-	-	-	-	-	-	-	-	98	182	232	168	10	690
1979	-	-	-	-	-	-	-	47	125	180	213	131	43 ¹⁸⁾	739

Cont. next p.

Table Z³ cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Africa:—														
Natal	1969	—	—	—	12	19	31	13	21	16	—	—	—	112
	1970	—	—	—	12	25	9	19	28	78	—	—	—	171
	1971	—	—	—	14	31	30	32	55	42	—	—	—	204
	1972	—	—	—	10	9	32	33	11	40	—	—	—	135
	1973	—	—	—	—	7	60	55	25	26	—	—	—	173
	1974	—	—	—	9	21	11	27	20	27	—	—	—	4) 117
	1975	—	—	—	3	2	17	12	44	32	—	—	—	110
U.S.S.R.:—														
Antarctic ¹⁾	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
	1972/73	1188	—	—	—	—	—	—	—	—	—	312	2153	3,653
	1973/74	496	351	110	—	—	—	—	—	—	—	1596	1447	4,000
	1974/75	575	1175	—	—	—	—	—	—	—	—	627	1123	3,500
	1975/76	833	605	—	—	—	—	—	—	—	—	272	1307	3,017
	1976/77	1324	487	—	—	—	—	—	—	—	—	—	2139	3,950
	1977/78	799	530	—	—	—	—	—	—	—	—	—	1271	2,600
	1978/79	910	853	—	—	—	—	—	—	—	—	—	970	2,733
	1979/80	1469	1266	177	—	—	—	—	—	—	—	74	893	3,879
Somali Rep.²⁾														
South Atlantic ...	1969	—	—	—	—	—	—	—	—	—	—	—	—	3
	1970	—	—	—	—	—	—	—	—	—	—	—	—	1
	1972	—	—	—	—	—	—	—	—	—	—	1	—	1
	1973	—	—	—	—	—	1	—	—	—	—	1	—	2
	1974	—	—	1	—	—	—	—	—	—	—	1	—	2
	1975	—	—	—	—	—	—	—	1	1	—	—	—	2
Republic of Korea ...														
	1965	—	—	—	—	—	—	—	—	—	—	—	—	247
	1966	—	—	—	—	—	—	—	—	—	—	—	—	301
	1967	—	—	—	—	—	—	—	—	—	—	—	—	335
	1968	—	—	—	—	—	—	—	—	—	—	—	—	316
	1969	—	—	—	—	—	—	—	—	—	—	—	—	386
	1970	—	—	—	—	—	—	—	—	—	—	—	—	715
	1971	—	—	—	—	—	—	—	—	—	—	—	—	730
	1972	—	—	—	—	—	—	—	—	—	—	—	—	767
	1973	—	—	—	—	—	—	—	—	—	—	—	—	882
	1974	—	—	—	—	—	—	—	—	—	—	—	—	566
	1975	—	—	—	—	—	—	—	—	—	—	—	—	561
	1976	—	—	—	—	—	—	—	—	—	—	—	—	494
	1977	—	—	—	—	—	—	—	—	—	—	—	—	1,033
	1978	—	—	—	—	—	—	—	—	—	—	—	—	1,018
	1979	—	—	35	195	235	216	73	25	14	113	—	—	906
USA														
Alaska	1979	—	—	—	—	—	—	—	—	—	—	—	—	2

¹⁾ Incl. catch north of 40° South. ²⁾ June-July. ³⁾ 1969 and 1970 — Bahamas. ⁴⁾ Incl. 2 lost. ⁵⁾ Incl. 21 without information of month. ⁶⁾ Incl. 6 without information of month. ⁷⁾ Incl. 4 without information of month. ⁸⁾ Incl. 2 without information of month. ⁹⁾ Incl. 2 without information of month. ¹⁰⁾ Incl. 29 without information of month. ¹¹⁾ Incl. 8 without information of month. ¹²⁾ Incl. 21 without information of month. ¹³⁾ Incl. 19 without information of month. ¹⁴⁾ Incl. 32 without information of month. ¹⁵⁾ Incl. 7 without information of month. ¹⁶⁾ Incl. 18 without information of month. ¹⁷⁾ Incl. 7 without information of month. ¹⁸⁾ Incl. 1 lost in September. ¹⁹⁾ Incl. 1 without information of month. ²⁰⁾ Incl. 9 without information of month. ²¹⁾ Incl. 7 without information of month. ²²⁾ Incl. 2 without information of month. ²³⁾ Incl. 2 without information of month.

**Table. Z⁶. — 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
	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
Of which:														
Coastal districts...	1969	—	—	—	—	—	—	—	3	—	—	—	—	3
	1970	—	—	—	—	—	4	—	38	—	—	—	—	42
	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
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	—	—	—	—	—	—	¹⁾ 17	433	394	145	—	43	1,032
	1972	—	—	—	—	—	—	29	235	188	59	—	—	511
	1973	114	—	640	250	—	—	—	—	—	46	—	—	1,050
	1974	—	—	84	65	—	—	—	—	339	185	—	—	673
	1975	—	—	—	212	—	—	357	182	—	29	300	—	1,080
	1976	51	—	—	—	—	—	112	105	228	—	35	—	531
	1977	—	74	—	—	—	—	—	291	415	—	118	—	898
	1978	—	—	—	174	—	—	36	444	33	502	49	—	1,238
	1979	—	33	—	—	—	6	16	1391	—	279	—	—	1,725
Greenland.....	1972	—	—	—	—	—	—	—	1	—	—	—	—	1
	1975	—	—	—	—	—	70	11	—	—	—	—	—	81
	1976	—	—	—	—	—	—	1	—	—	—	—	—	1
	1977	—	—	1	—	2	—	—	6	42	20	—	—	71
	1978	—	—	—	—	—	—	17	54	23	7	—	—	101
	1979	1	2	3	—	1	5	—	16	20	2	—	—	50
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
	1974	21	8	3	—	—	18	—	—	5	1	6	—	62
	1975	9	8	13	3	2	5	—	—	—	5	3	5	53
	1976	3	1	2	—	—	4	—	—	—	—	1	—	11
	1977	—	—	—	—	—	—	—	—	—	6	—	—	6
	1978	4	—	—	—	—	—	—	—	—	—	2	5	11
	1979	—	3	—	—	—	—	—	—	—	—	—	—	3
U.S.S.R.:—														
Antarctic	1970/71	1	—	—	—	—	—	—	—	—	—	—	1	2
British West Indies .	1973	—	—	—	—	—	—	—	—	—	—	—	—	64
	1974	—	—	—	—	—	—	—	—	—	—	—	—	71
	1975	—	—	—	—	—	—	—	—	—	—	—	—	135
	1976	—	—	—	—	—	—	—	—	—	—	—	—	117
	1977	—	—	—	—	—	—	—	—	—	—	—	—	65

¹⁾ June/July.

Table Z¹. — 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
	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	6	—	—	—	—	22	27	63
	1979	102	9	3	6	1	—	—	3	7	45	36	3 ²⁾	221
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
	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	5	—	—	—	—	22	27	62
	1979	102	9	3	6	1	—	—	3	7	45	36	3 ²⁾	221
Barents Sea, Spitzbergen and Bear Island ...	1969	—	—	—	1	—	2	—	—	—	—	—	—	3
	1970	—	—	—	—	—	2	—	—	—	—	—	—	2
	1978	—	—	—	—	—	1	—	—	—	—	—	—	1
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 ¹⁾	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
	1974	—	—	—	—	—	—	1	—	1	—	—	—	2
	1977	—	—	—	—	—	2	—	—	—	—	—	—	2
Faroe Islands	1971	—	—	—	—	—	—	—	—	—	—	—	—	1
	1978	—	—	—	—	—	31	—	—	—	—	—	—	31
Canada:—														
Newfoundland	1971	—	—	—	—	—	—	2	—	—	—	—	—	2
Eastern Arctic	1977	—	—	—	—	—	—	—	—	—	—	—	—	14
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
	1974	—	—	2	—	—	—	—	—	—	—	—	—	2
	1975	—	—	1	—	2	—	—	—	—	—	—	—	3
	1976	1	—	—	—	—	—	—	—	—	—	—	—	1
	1977	—	—	—	—	—	—	1	—	—	—	—	—	1

Cont. next p.

Table Z⁶ cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Africa:—														
Natal.....	1972	—	—	—	2	10	—	—	—	5	—	—	—	17
	1973	—	—	—	—	—	—	6	2	—	—	—	—	8
	1974	—	—	—	—	—	—	2	—	—	—	—	—	2
	1975	—	—	—	2	—	—	2	—	—	—	—	—	4
U.S.S.R.:—														
Antarctic ¹⁾	1968/69	—	—	—	—	—	—	—	—	—	—	—	—	—
	1969/70	—	—	5	2	—	—	—	—	—	—	—	—	7
	1970/71	1	—	6	—	—	—	—	—	—	—	2	—	9
	1971/72	2	—	—	—	—	—	—	—	—	—	—	—	2
	1972/73	5	—	7	1	—	—	—	—	—	—	—	2	15
	1973/74	—	13	7	7	1	—	—	—	—	—	4	16	48
	1974/75	13	19	—	—	1	—	—	—	—	—	7	—	40
	1975/76	10	2	4	—	—	—	—	—	—	—	—	—	16
	1976/77	26	—	2	—	—	—	—	—	—	—	—	1	29
	1977/78	37	16	—	—	—	—	—	—	—	—	7	17	77
	1978/79	6	30	—	—	—	—	—	—	—	—	—	13	49
	1979/80	234	252	380	—	—	—	—	—	—	—	—	—	916

¹⁾ Incl. catch north of 40° South. ²⁾ Incl. 6 without information of month.

**Table Z¹. — 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	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	—	—	—	—	411
	1971	—	—	—	—	—	—	—	—	—	—	—	—	1 ¹⁾ 13
	1972	—	—	—	—	—	—	—	—	—	—	—	—	1 ¹⁾ 181
	1973	—	—	—	—	—	—	—	—	—	—	—	—	538
	1974	—	—	—	—	—	—	—	—	—	—	—	—	1177
	1975	—	—	—	—	—	—	—	—	—	—	—	—	792
	1976	—	—	—	—	—	—	—	—	—	—	—	—	1075
	1977	—	—	—	—	—	—	—	—	—	—	—	—	1302
	1978	—	—	—	—	—	—	—	—	—	—	—	—	703
	1979	—	—	—	—	—	—	—	—	—	—	—	—	449
Of which:														
Western	1972	—	—	—	—	—	—	—	—	—	—	—	—	120
Arctic	1973	—	—	—	—	—	—	—	—	—	—	—	—	297
	1974	—	—	—	—	—	—	—	—	—	—	—	—	118
	1975	—	—	—	—	—	—	—	—	—	—	—	—	149
	1976	—	—	—	—	—	—	—	—	—	—	—	—	154
	1977	—	—	—	—	—	—	—	—	—	—	—	—	148
	1978	—	—	—	—	—	—	—	—	—	—	—	—	129
	1979	—	—	—	—	—	—	—	—	—	—	—	—	144
Eastern Arctic	1969	—	—	—	—	—	—	—	—	—	—	—	—	27
	1970	—	—	—	—	—	—	—	—	—	—	—	—	85
	1972	—	—	—	—	—	—	—	—	—	—	—	—	61
	1973	—	—	—	—	—	—	—	—	—	—	—	—	63
	1974	—	—	—	—	—	—	—	—	—	—	—	—	49
	1975	—	—	—	—	—	—	—	—	—	—	—	—	74
	1976	—	—	—	—	—	—	—	—	—	—	—	—	156
	1977	—	—	—	—	—	—	—	—	—	—	—	—	206
	1978	—	—	—	—	—	—	—	—	—	—	—	—	159
	1979	—	—	—	—	—	—	—	—	—	—	—	—	200
Hudson and	1969	—	—	—	—	—	—	—	—	—	—	—	—	328
James Bays	1970	—	—	—	—	—	—	—	—	—	—	—	—	326
	1971	—	—	—	—	—	—	—	—	—	—	—	—	13
	1973	—	—	—	—	—	—	—	—	—	—	—	—	178
	1974	—	—	—	—	—	—	—	—	—	—	—	—	342
	1975	—	—	—	—	—	—	—	—	—	—	—	—	98
	1976	—	—	—	—	—	—	—	—	—	—	—	—	219
	1977	—	—	—	—	—	—	—	—	—	—	—	—	266
	1978	—	—	—	—	—	—	—	—	—	—	—	—	118
Western Hudson Bay	1979	—	—	—	—	—	—	—	—	—	—	—	—	105
Eastern Hudson Bay, James Bay and Northern Quebec ⁴⁾	1974	—	—	—	—	—	—	—	—	—	—	—	—	668
	1975	—	—	—	—	—	—	—	—	—	—	—	—	471
	1976	—	—	—	—	—	—	—	—	—	—	—	—	546
	1977	—	—	—	—	—	—	—	—	—	—	—	—	682
	1978	—	—	—	—	—	—	—	—	—	—	—	—	297
	1979	—	—	—	—	—	—	—	—	—	—	—	—	—
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
	1974	81	114	64	163	200	3	10	2	5	203	43	19	907
	1975	7	15	2	83	120	2	—	14	2	117	32	6	400
	1976	693	96	25	77	72	3	—	—	—	81	1	11	1,059
	1977	125	51	43	88	118	2	7	8	37	189	26	8 ³⁾	704
	1978	114	50	30	83	31	—	2	—	73	78	28	30	519
	1979	75	12	24	67	72	9	36	—	57	131	36	7	526
U.S.A.:—														
Alaska	1972	—	—	—	—	—	—	—	—	—	—	—	—	1 ²⁾ 185

¹⁾ Data incomplete. ²⁾ Estimated annual catch. See introduction No. LXXI, page 27. ³⁾ Incl. 2 without information of month. ⁴⁾ For 1974—1978 Northern Quebec only.

**Table Z^a. — 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
	1974	—	—	—	—	—	—	8	12	12	—	—	—	32
	1975	—	—	—	—	1	—	19	18	2	6	—	—	46
	1976	—	—	—	—	—	—	7	4	—	2	—	—	13
	1977	—	—	—	—	—	—	15	7	8	14	—	—	44
	1978	—	—	—	—	—	—	10	16	3	7	—	—	36
	1979	—	—	—	—	—	—	18	6	—	4	—	—	28

**Table Z^o. — 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	1969	—	—	—	—	—	—	—	—	—	—	—	—	25
	1970	—	—	—	—	—	—	—	—	—	—	—	—	83-93
	1971	—	—	—	—	—	—	—	—	—	—	—	—	30
	1972	¹⁾	—	—	—	—	—	—	—	—	—	—	—	—
	1973	—	—	—	—	—	—	—	—	—	—	—	—	341
	1974	—	—	—	—	—	—	—	—	—	—	—	—	291
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	300
	1977	—	—	—	—	—	—	—	—	—	—	—	—	263
	1978	—	—	—	—	—	—	—	—	—	—	—	—	279
1979	—	—	—	—	—	—	—	—	—	—	—	—	319	
Of which: Western Arctic ...	1970	—	—	—	—	—	—	—	—	—	—	—	—	20-30
	1972	¹⁾	—	—	—	—	—	—	—	—	—	—	—	—
	1973	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastern Arctic	1969	—	—	—	—	—	—	—	—	—	—	—	—	25
	1970	—	—	—	—	—	—	—	—	—	—	—	—	63
	1971	—	—	—	—	—	—	—	—	—	—	—	—	25
	1973	—	—	—	—	—	—	—	—	—	—	—	—	330
	1974	—	—	—	—	—	—	—	—	—	—	—	—	281
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	282
	1977	—	—	—	—	—	—	—	—	—	—	—	—	242
	1978	—	—	—	—	—	—	—	—	—	—	—	—	275
1979	—	—	—	—	—	—	—	—	—	—	—	—	289	
Hudson and James Bays	1971	—	—	—	—	—	—	—	—	—	—	—	—	5
	1973	—	—	—	—	—	—	—	—	—	—	—	—	11
	1974	—	—	—	—	—	—	—	—	—	—	—	—	10
	1976	—	—	—	—	—	—	—	—	—	—	—	—	18
	1977	—	—	—	—	—	—	—	—	—	—	—	—	21
	1978	—	—	—	—	—	—	—	—	—	—	—	—	4
1979	—	—	—	—	—	—	—	—	—	—	—	—	30	
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
	1974	16	8	15	13	39	13	1	21	5	7	26	5	169
	1975	17	20	14	28	2	—	1	7	5	17	7	3	121
	1976	14	5	28	1	18	5	—	8	6	—	13	8	106
	1977	19	9	9	9	24	10	7	34	5	6	87	15	234
	1978	78	109	20	32	13	6	3	17	34	20	88	85	505
	1979	37	13	11	23	12	7	4	5	2	—	80	45	239

¹⁾ No data.

**Table Z¹⁰. — 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	—	—	2	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
	1974	4	4	4	8	32	40	125	228	107	9	4	—	¹⁾ 596
	1975	—	—	—	3	11	116	152	143	154	43	—	5	627
	1976	—	—	—	7	23	80	90	158	133	23	3	2	519
	1977	1	—	4	5	10	33	46	314	203	70	2	2	²⁾ 1,010
	1978	5	9	3	6	13	32	101	264	215	59	10	15	732
	1979	12	8	4	2	21	58	118	221	243	171	13	2	873
U.S.A. ³⁾	1970	—	—	—	—	—	—	—	—	—	—	—	—	6,000
	1971	—	—	—	—	—	—	—	—	—	—	—	—	4,100
	1972	—	—	—	—	—	—	—	—	—	—	—	—	7,600
	1973	—	—	—	—	—	—	—	—	—	—	—	—	17,600
	1974	—	—	—	—	—	—	—	—	—	—	—	—	3,200
	1975	—	—	—	—	—	—	—	—	—	—	—	—	5,200
	1976	—	—	—	—	—	—	—	—	—	—	—	—	5,400
	1977	—	—	—	—	—	—	—	—	—	—	—	—	3,310

¹⁾ Incl. 31 without information of month. ²⁾ Incl. 320 without information of month. ³⁾ See introduction.

**Table Z¹¹.—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
	1974	—	—	—	—	—	—	—	2	2	—	—	—	4
	1976	—	—	—	—	—	—	—	—	44	—	—	—	44
Greenland	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	2	—	—	—	2
	1971	—	—	—	—	—	—	—	—	1	—	—	—	1
	1973	—	—	—	—	—	—	—	—	1	1	—	—	2
	1974	—	—	—	—	—	—	—	1	6	2	—	—	¹⁾ 13
	1976	1	—	—	—	—	—	—	3	1	—	—	—	5
	1977	—	—	—	—	—	—	—	40	23	10	2	—	²⁾ 84
	1978	—	—	—	—	—	—	—	2	1	—	1	—	4
	1979	—	—	—	—	—	—	3	5	2	—	—	—	10
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
	1974	—	—	—	—	—	—	—	1	—	—	—	—	1
	1975	—	—	1	1	—	2	—	—	—	—	—	1	5
	1976	—	—	—	—	—	—	—	—	—	2	—	1	3
	1977	—	—	—	—	—	—	—	—	1	—	—	—	1
Africa:—														
Natal	1973	—	—	1	—	—	—	1	—	—	—	—	—	2
USA and Other nations³⁾.	1959	—	—	—	—	—	—	—	—	—	—	—	—	117,288
	1960	—	—	—	—	—	—	—	—	—	—	—	—	582,481
	1961	—	—	—	—	—	—	—	—	—	—	—	—	653,751
	1962	—	—	—	—	—	—	—	—	—	—	—	—	269,259
	1963	—	—	—	—	—	—	—	—	—	—	—	—	290,427
	1964	—	—	—	—	—	—	—	—	—	—	—	—	472,691
	1965	—	—	—	—	—	—	—	—	—	—	—	—	513,069
	1966	—	—	—	—	—	—	—	—	—	—	—	—	460,685
	1967	—	—	—	—	—	—	—	—	—	—	—	—	307,295
	1968	—	—	—	—	—	—	—	—	—	—	—	—	266,620
	1969	—	—	—	—	—	—	—	—	—	—	—	—	544,022
	1970	—	—	—	—	—	—	—	—	—	—	—	—	527,659
	1971	—	—	—	—	—	—	—	—	—	—	—	—	261,928
	1972	—	—	—	—	—	—	—	—	—	—	—	—	423,678
USA ³⁾	1973	—	—	—	—	—	—	—	—	—	—	—	—	⁴⁾ 196,556
	1974	—	—	—	—	—	—	—	—	—	—	—	—	⁴⁾ 139,882
	1975	—	—	—	—	—	—	—	—	—	—	—	—	166,645
	1976	—	—	—	—	—	—	—	—	—	—	—	—	108,740
	1977	—	—	—	—	—	—	—	—	—	—	—	—	25,452
	1978	—	—	—	—	—	—	—	—	—	—	—	—	19,366
	1979	—	—	—	—	—	—	—	—	—	—	—	—	17,084
Other nations ³⁾ ...	1973	—	—	—	—	—	—	—	—	—	—	—	—	⁴⁾ 55,626
	1974	—	—	—	—	—	—	—	—	—	—	—	—	⁴⁾ 25,881
	1975	—	—	—	—	—	—	—	—	—	—	—	—	27,812
	1976	—	—	—	—	—	—	—	—	—	—	—	—	19,482
	1977	—	—	—	—	—	—	—	—	—	—	—	—	25,901
	1978	—	—	—	—	—	—	—	—	—	—	—	—	11,147
	1979	—	—	—	—	—	—	—	—	—	—	—	—	6,511
U.S.S.R.:—														
Antarctic	1969/70	1	—	—	—	—	—	—	—	—	—	—	—	1
Republic of Korea	1965	—	—	—	—	—	—	—	—	—	—	—	—	2
	1966	—	—	—	—	—	—	—	—	—	—	—	—	8
	1967	—	—	—	—	—	—	—	—	—	—	—	—	1
	1972	—	—	—	—	—	—	—	—	—	—	—	—	1

¹⁾ Incl. 4 without information of month. ²⁾ Incl. 9 without information of month. ³⁾ See introduction. ⁴⁾ Direct kill only.

TABLES

Table 1 — Whaling in the Antarctic season 1978/79 and outside the Antarctic in 1979.

Geographical areas	Species of whales caught					Total of whales	Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Sperm	Others ¹⁾			Shore stations	Floating fact.	Catchers
Antarctic, pelagic										
1978/79 south of 40° S..	—	—	—	2,304	²⁾	2,304 ³⁾	136,761	—	3	30
Brazil	—	—	—	27	⁴⁾	27 ³⁾	3,909	1	—	1
North Atlantic and Arctic:										
Spain	465	—	—	82	—	547 ⁵⁾	—	⁵⁾	—	⁵⁾
Azores	—	—	—	127	—	127	3,497	—	—	—
Madeira	—	—	—	52	—	52	—	—	—	—
Greenland	7	—	—	—	⁶⁾ 14	21	—	—	—	—
Faroe Islands	11	1	—	—	⁷⁾	12	—	—	—	1
The West Indies ⁸⁾	—	—	—	—	—	—	—	—	—	—
Iceland	260	84	—	96	—	440	12,903	1	—	4
North Pacific:										
North Pacific and Bering Sea, pelagic										
Japan	—	—	175	51	—	226	2,824	—	1	4
USSR	—	—	227	1,948	—	2,175	81,652	—	3	35
Japan coastal	—	—	52	1,269	—	1,321	29,348	4	—	7
Republic of Korea	—	—	18	—	⁸⁾	18	—	—	—	—
USA coastal	—	—	—	—	⁹⁾ 31	31	—	—	—	—
USSR coastal	—	—	—	—	¹⁰⁾ 178	178	—	—	—	—
Peru	—	—	300	742	—	1,042 ⁵⁾	—	1	—	3
Chile	—	65	—	34	—	99 ⁵⁾	—	1	—	3
South Atlantic Ocean, pelagic ¹¹⁾	—	—	—	872	—	872	28,000	—	—	—
Indian Ocean, pelagic ¹¹⁾ ..	—	— ¹²⁾	120	584	—	704	15,807	—	(3)	—
South Pacific Ocean, pelagic ¹¹⁾	—	—	—	348	—	348	9,141	—	—	—
Total	743	150	892	8,536	223	10,544	323,842	8	7	88

¹⁾ Re small whales see tables Z²—Z¹¹. ²⁾ 5,466 minke whales. ³⁾ Incl. oil from minke whales. ⁴⁾ 739 minke whales. ⁵⁾ No information. ⁶⁾ Humpback whales. ⁷⁾ 1,725 pilot whales. ⁸⁾ 906 minke whales. ⁹⁾ Aboriginal catch — 27 bowhead whales of which 15 struck and lost and 4 gray whales. ¹⁰⁾ Aboriginal catch, gray whales. ¹¹⁾ Antarctic pelagic expeditions before and/or after the Antarctic season 1978/79. ¹²⁾ Caught for Scientific Research Purposes before the Antarctic season 1978/79.

Table 2. — Japanese whaling in the Antarctic season 1978/79 and outside the Antarctic in 1979.

Geographical areas	Species of whales caught					Total of whales	Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Sperm	Others			Shore stations	Float-ing fact.	Catch-ers
Antarctic, pelagic	—	—	—	18	¹⁾	18	²⁾ 7,970	1	—	7
North Pacific Ocean and Bering Sea, pelagic	—	—	175	51	—	226	2,824	1	—	4
Japan coastal	—	—	52	1,269	—	1,321	29,348	—	4	7
Indian Ocean, pelagic ³⁾	—	—	120	33	—	153	2,118	—	—	—
South Pacific Ocean, pelagic ³⁾	—	—	—	149	—	149	3,300	—	—	—
Total	—	—	347	1,520	—	1,867	45,560	2	4	18

¹⁾ 2,733 minke whales. ²⁾ Including oil from minke whales. ³⁾ Antarctic pelagic expeditions on voyage to and/or from the Antarctic in the 1978/79 season.

Table 3. — Whaling of U.S.S.R. in the Antarctic season 1978/79 and outside the Antarctic in 1979.

Antarctic, pelagic	—	—	—	2,286	¹⁾	2,286	²⁾ 128,791	2	—	23
North Pacific Ocean and Bering Sea, pelagic	—	—	227	1,948	—	2,175	81,652	3	—	35
Coastal	—	—	—	—	³⁾ 178	178	—	—	—	—
South Atlantic Ocean, pelagic ⁴⁾	—	—	—	872	—	872	28,000	—	—	—
Indian Ocean, pelagic ⁴⁾	—	—	—	551	—	551	13,689	—	—	—
South Pacific Ocean, pelagic ⁴⁾	—	—	—	199	—	199	5,841	—	—	—
Total	—	—	227	5,856	178	6,261	257,973	5	—	58

¹⁾ 2,733 minke whales. ²⁾ Including oil from minke whales. ³⁾ Gray whales — aboriginal catch. ⁴⁾ Antarctic pelagic expeditions on voyage to and/or from the Antarctic in the season 1978/79.

Table 4. Whaling results for the various countries in the Antarctic season 1978/79 and outside the Antarctic in 1979. (See foot-notes to tables 1, 2 and 3).

USSR	—	—	227	5,856	178	6,261	257,973	5	—	58
Japan	—	—	347	1,520	—	1,867	45,560	2	4	18
Iceland	260	84	—	96	—	440	12,903	—	1	4
Spain	465	—	—	82	—	547	¹⁾	—	—	—
Republic of Korea	—	—	18	—	—	18	—	—	—	—
Brazil	—	—	—	27	—	27	3,909	—	1	1
Peru	—	—	300	742	—	1,042	¹⁾	—	1	3
Chile	—	65	—	34	—	99	¹⁾	—	1	3
Greenland	7	—	—	—	14	21	—	—	—	—
Faroe Islands	11	1	—	—	—	12	—	—	—	1
Portugal	—	—	—	179	—	179	3,497	—	—	—
USA	—	—	—	—	31	31	—	—	—	—
Total	743	150	892	8,536	223	10,544	323,842	7	8	88

¹⁾ No information.

Table 5. — Average size of whales caught in 1979.

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
A. Fin whales.			
<i>North Atlantic and Arctic:</i>			
Iceland	58.5	61.6	60.1
Males 126 } Total 260			
Females 134 }			
B. Sei whales.			
<i>North Atlantic and Arctic:</i>			
Iceland	43.2	44.6	44.2
Males 23 } Total 84			
Females 61 }			
C. Bryde's whales.			
<i>Pacific North:</i>			
<i>North Pacific Ocean and Bering Sea, pelagic:</i>			
Japan	41.9	42.9	42.3
Males 107 } Total 175			
Females 68 }			
U.S.S.R.	40.9	41.8	41.2
Males 132 } Total 227			
Females 95 }			
Japan, coastal	41.2	41.8	41.5
Males 30 } Total 52			
Females 22 }			
Peru	42.0	43.0	42.5
Males 166 } Total 300			
Females 134 }			
Indian Ocean	39.5	41.3	40.4
Males 62 } Total 120			
Females 58 }			
D. Minke whales.			
Brazil	27.0	28.5	28.0
Males 241 } Total 738			
Females 497 }			
<i>North Atlantic and Arctic:</i>			
Iceland	23.3	22.6	23.0
Males 112 } Total 198			
Females 86 }			
<i>Pacific North:</i>			
Japan coastal	20.8	20.8	20.8
Males 270 } Total 407			
Females 137 }			
E. Sperm whales.			
Brazil	37.3	30.5	33.6
Males 12 } Total 27			
Females 15 }			

Cont. next p.

Table 5 (continued).

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
<i>North Atlantic and Arctic:</i>			
Iceland	48.5	-	48.5
Males 96			
<i>Pacific North:</i>			
North Pacific Ocean and Bering Sea, pelagic			
Japan	39.0	34.8	37.8
Males 37			
Females 14			Total 51
U.S.S.R.	43.2	35.1	42.8
Males 1,840			
Females 108			Total 1,948
Japan, coastal	38.6	34.5	38.0
Males 1,075			
Females 192			Total 1,267
Peru	35.8	32.3	33.7
Males 295			
Females 447			Total 742
<i>South Atlantic Ocean, pelagic</i>	46.6	33.5	41.8
Males 555			
Females 317			Total 872
<i>Indian Ocean, pelagic</i>	40.0	34.3	37.5
Males 331			
Females 253			Total 584
<i>South Pacific Ocean, pelagic</i>	38.4	34.5	35.3
Males 71			
Females 277			Total 348

Table 6.—Whales caught in 1979 by species, sex and size.

1. Brazil.

Minke whales.

Engl. feet	Number of		Total animals	
	males	females		
23	10	5	15	Average size: } Males: 27.0 feet } Females 28.5 » } Total animals 28.0 » Per cent: } Males 32.7 } Females 67.3
24	10	16	26	
25	23	16	39	
26	40	48	88	
27	54	53	107	
28	59	72	131	
29	32	105	137	
30	12	124	136	
31	1	47	48	
32	—	9	9	
33	—	2	2	
Total	241	497	738	

Sperm whales.

29	1	2	3	Average size: } Males: 37.3 feet } Females: 30.5 » } Total animals: 33.6 » Per cent } Males: 44.4 } Females: 55.6
30	3	6	9	
31	1	5	6	
32	2	1	3	
33	—	1	1	
39	1	—	1	
43	1	—	1	
44	1	—	1	
53	1	—	1	
55	1	—	1	
Total	12	15	27	

Table 6 (continued).

2. Iceland.
Fin whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
48	—	1	1	65	2	12	14
49	2	—	2	66	2	8	10
50	3	3	6	67	—	4	4
51	3	2	5	68	—	7	7
52	2	2	4	69	—	1	1
53	2	3	5	70	—	3	3
54	4	2	6	71	—	2	2
55	7	5	12				
56	10	3	13	Total	126	134	260
57	11	3	14				
58	6	9	15				
59	24	5	29	Average size: } Males: 58.5 feet			
60	17	6	23	} Females: 61.6 »			
61	13	13	26	} Total animals: 60.1 »			
62	8	13	21	Per cent: } Males: 48.5			
63	8	12	20	} Females: 51.5			
64	2	15	17				

Sei whales.

33	—	1	1				
34	—	1	1				
36	—	1	1				
37	—	1	1				
38	1	2	3				
40	1	1	2				
41	4	1	5	Average size: } Males: 43.2 feet			
42	3	3	6	} Females: 44.6 »			
43	1	4	5	} Total animals: 44.2 »			
44	6	6	12	Per cent: } Males: 27.4			
45	5	8	13	} Females: 72.6			
46	1	13	14				
47	1	9	10				
48	—	9	9				
49	—	1	1				
Total	23	61	84				

Sperm whales.

37	1	—	1	51	7	—	7
39	1	—	1	52	8	—	8
40	3	—	3	53	7	—	7
41	2	—	2	54	8	—	8
42	2	—	2	55	2	—	2
43	1	—	1	56	2	—	2
44	8	—	8				
45	6	—	6	Total	96	—	96
46	5	—	5				
47	9	—	9				
48	8	—	8				
49	6	—	6	Average size: Males 48.5 feet			
50	10	—	10				

3. North Pacific Ocean and Bering Sea, pelagic.

1. Japan.

Bryde's whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
39	—	1	1	Average size: } Per cent: }	Males:	41.9 feet	
40	4	3	7		Females:	42.9 »	
41	43	17	60		Total animals:	42.3 »	
42	31	12	43		Males:	61.1	
43	19	10	29		Females:	38.9	
44	9	8	17				
45	1	10	11				
46	—	6	6				
47	—	1	1				
Total	107	68	175				

Sperm whales.

33	1	5	6	Average size: } Per cent: }	Males:	39.0 feet
34	3	1	4		Females:	34.8 "
35	3	3	6		Total animals:	37.8 "
36	4	3	7		Males:	72.5
37	1	1	2		Females:	27.5
38	2	1	3			
39	5	—	5			
40	4	—	4			
41	5	—	5			
42	3	—	3			
43	5	—	5			
45	1	—	1			
Total	37	14	51			

Table 6 (continued).

2. U. S. S. R.

Bryde's whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
37	1	1	2	Average size: } Per cent: }	Males:	40.9 feet	
39	5	1	6		Females:	41.8 "	
40	53	27	80		Total animals:	41.2 "	
41	37	18	55		Males:	58.2	
42	24	12	36		Females:	41.8	
43	10	24	34				
44	2	7	9				
45	-	2	2				
46	-	3	3				
Total	132	95	227				

Sperm whales.

30	-	1	1	52	24	-	24
31	2	1	3	53	72	-	72
32	7	2	9	54	28	-	28
33	17	17	34	55	23	-	23
34	51	19	70	56	38	-	38
35	65	23	88	57	20	-	20
36	99	21	120	58	9	-	9
37	124	16	140	59	16	-	16
38	100	5	105	60	9	-	9
39	130	3	133	61	2	-	2
40	120	-	120	62	1	-	1
41	136	-	136	Total	1,840	108	1,948
42	95	-	95	Average size: } Per cent: }	Males:	43.2 feet	
43	148	-	148		Females:	35.1 "	
44	104	-	104		Total animals:	42.8 "	
45	74	-	74		Males:	94.5	
46	77	-	77		Females:	5.5	
47	72	-	72				
48	48	-	48				
49	50	-	50				
50	36	-	36				
51	43	-	43				

Table 6 (continued).

**4. Japan. — Coastal.
Bryde's whales.**

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
36	1	—	1				
37	2	1	3				
38	2	2	4				
39	2	2	4				
40	4	2	6				
41	4	3	7				
42	4	4	8				
43	5	1	6				
44	4	3	7				
45	2	3	5				
48	—	1	1				
Total	30	22	52				

Average size: } Males: 41.2 feet
 } Females: 41.8 "
 } Total animals: 41.5 "
 Per cent: } Males: 57.7
 } Females: 42.3

Minke whales.

15	5	2	7	27	—	7	7
16	10	8	18	28	—	4	4
17	22	9	31				
18	37	21	58	Total	270	137	407
19	23	19	42				
20	33	20	53				
21	26	13	39				
22	22	1	23				
23	29	6	35				
24	28	13	41				
25	27	5	32				
26	8	9	17				

Average size: } Males 20.8 feet
 } Females 20.8 »
 } Total animals 20.8 »
 Per cent: } Males 66.3
 } Females 33.7

Sperm whales.

30	1	1	2	52	1	—	1
31	5	7	12	53	1	—	1
32	13	11	24	55	1	—	1
33	24	29	53	56	3	—	3
34	35	49	84	58	1	—	1
35	93	55	148	59	1	—	1
36	116	27	143	60	1	—	¹⁾ 1
37	143	7	150	61	3	—	3
38	135	3	138	62	2	—	2
39	173	2	175				
40	154	1	155	Total	1,075	192	1,267
41	61	—	61				
42	30	—	30				
43	32	—	32				
44	14	—	14				
45	10	—	10				
46	4	—	4				
47	4	—	4				
49	3	—	3				
50	8	—	8				
51	3	—	3				

Average size: } Males: 38.6 feet
 } Females: 34.5 "
 } Total animals: 38.0 "
 Per cent: } Males: 84.8
 } Females: 15.2

¹⁾ Exclusive 2 whales.

Table 6 (continued).

5. South Atlantic Ocean. Pelagic. (70° W — 20° E) Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
28	—	1	1	48	16	—	16
30	1	10	11	49	26	—	26
31	5	71	76	50	54	—	54
32	1	29	30	51	58	—	58
33	3	46	49	52	85	—	85
34	10	48	58	53	44	—	44
35	5	57	62	54	11	—	11
36	11	34	45	55	8	—	8
37	9	12	21	56	5	—	5
38	16	5	21	57	1	—	1
39	26	3	29				
40	33	1	34	Total	555	317	872
41	16	—	16				
42	30	—	30	Average size: }	Males: 46.6 feet		
43	24	—	24		Females: 33.5 "		
44	21	—	21		Total animals: 41.8 "		
45	27	—	27	Per cent: }	Males: 63.7		
46	2	—	2		Females: 36.3		
47	7	—	7				

6. Indian Ocean. (20° E — 150° E) Bryde's whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
19	2	—	2				
22	—	1	1				
27	—	2	2				
28	1	—	1				
31	—	1	1				
33	—	1	1				
34	2	1	3				
35	1	—	1				
36	1	—	1	Average size: }	Males: 39.5 feet		
37	5	—	5		Females: 41.3 "		
38	3	1	4		Total animals: 40.4 "		
39	5	2	7	Per cent: }	Males: 51.7		
40	9	4	13		Females: 48.3		
41	11	6	17				
42	13	11	24				
43	3	9	12				
44	4	10	14				
45	2	5	7				
46	—	2	2				
47	—	2	2				
Total	62	58	120				

Table 6 (continued).

Sperm whales.

Engl. feet	Number o		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
31	2	11	13	45	38	—	38
32	5	27	32	48	2	—	2
33	6	37	43	49	3	—	3
34	13	70	83				
35	31	62	93	Total	331	253	584
36	30	22	52				
37	27	13	40				
38	16	9	25	Average size: } Males			40.0 feet
39	22	2	24				Females 34.3 »
40	24	—	24				Total animals 37.5 »
41	17	—	17	Per cent: } Males	56.7		
42	15	—	15				Females 43.3
43	17	—	17				
44	63	—	63				

7. South Pacific Ocean. Pelagic. (150°E - 70°W) Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
30	—	1	1	47	3	—	3
31	5	19	24	48	2	—	2
32	1	19	20	49	3	—	3
33	3	38	41	50	2	—	2
34	6	55	61	54	2	—	2
35	7	75	82				
36	14	38	52	Total	71	277	348
37	8	20	28				
38	5	10	15	Average size: } Males			38.4 feet
39	5	1	6				Females 34.5 »
40	2	1	3				Total animals 35.3 »
43	1	—	1	Per cent: } Males	20.4		
45	1	—	1				Females 79.6
46	1	—	1				

