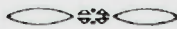


INTERNATIONAL  
WHALING STATISTICS  
LXXIX

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS



SANDEFJORD 1977

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SANDEFJORD 1977



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## PREFACE

This publication comprises the world aggregate whaling results for 1976, i. e. the catch by Antarctic pelagic expeditions in the Southern Hemisphere in the 1975/76 season and the catch of other expeditions and shore stations during the calendar year 1976. With regard to the Japanese coastal catch of sperm whales, see Introduction.

Statistical data have not been received from Portugal (Azores and Madeira), Spain, Peru, Chile, Somali Republic, Great Britain (small cetaceans) and Korea.

Sandefjord, November 1977.

*E. Vangstein*



## INTRODUCTION

Since No. LXXVII was published, catch reports have been received from Madeira for 1974 and 1975. The catch and production were:

|      |                 |                            |       |   |   |
|------|-----------------|----------------------------|-------|---|---|
| 1974 | 88 sperm whales | 1,669 barrels of sperm oil |       |   |   |
| 1975 | 88 »            | »                          | 1,995 | » | » |

Australia used 3 catchers in 1972, 1974 and 1975, and not 4 catchers as stated in publications No. LXXI, LXXIII, LXXV and LXXVII.

The introduction tables have been revised on the basis of the new information.

Details of the Antarctic pelagic whaling in the season 1975/76 will be found in publication No. LXXVIII.

Whaling from Natal, South Africa, ceased after the close of the 1975 season.

In the North Pacific one Japanese and two U.S.S.R. pelagic expeditions and five Japanese shore stations operated in 1976. The quota set for the North Pacific Ocean and dependent waters was:

|                      |       |
|----------------------|-------|
| Bryde's whales       | 1,363 |
| Sperm whales — males | 5,200 |
| —»— — females        | 3,100 |

The total quota was divided into national quotas between Japan and U.S.S.R. The national quotas and catches were:

|                        | Japan |       | U.S.S.R. |       | Total |       |
|------------------------|-------|-------|----------|-------|-------|-------|
|                        | Quota | Catch | Quota    | Catch | Quota | Catch |
| Bryde's whales . . . . | 681   | 661   | 681      | 679   | 1,363 | 1,340 |
| Sperm whales           |       |       |          |       |       |       |
| Males . . . . .        | 2,223 | 2,220 | 2,977    | 1,980 | 5,200 | 4,200 |
| Females . . . . .      | 1,325 | 1,320 | 1,775    | 1,691 | 3,100 | 3,011 |
| Total sperm whales     | 3,548 | 3,540 | 4,752    | 3,671 | 8,300 | 7,211 |

According to Schedule Section II 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 1st, 1976 to March 31st, 1977, During this period of



time, the Japanese shore stations caught 2,487 sperm whales of which 1,130 were taken in 1976 and 1,357 in 1977.

At the recommendation of the Scientific Committee of the International Whaling Commission the catch relating to each continuous season has been referred to the calendar year when whaling operations started. Thus, the coastal catch of sperm whales (2,487) from August 1st, 1976 to March 31st, 1977 has been recorded as the 1976 season's catch. Out of a total of 3,548 sperm whales caught, 1,357 were caught in 1977 but is recorded as being taken in the 1976 season.

At the 1975 meeting of the International Whaling Commission quotas for baleen whales were introduced for the North Atlantic Ocean. The set quotas were:

|              |   |                       |       |
|--------------|---|-----------------------|-------|
| Fin whales   | — | Newfoundland waters   | 90    |
| —»—          | — | Iceland waters        | 275   |
| Minke whales | — | East of Cape Farewell | 2,000 |
| —»—          | — | West of Cape Farewell | 500   |

There was no quota set for sperm whales. Iceland caught 275 fin whales and altogether 2,512 minke whales were caught (see tables Z<sup>2</sup> and Z<sup>3</sup>). There was no catch of fin whales in Newfoundland waters.

The quotas set for the Southern Hemisphere for the 1975/76 pelagic season and the 1976 coastal season were:

|   |
|---|
| 220 fin whales (in waters south of 40° South) |
| 2,230 sei and Bryde's whales combined         |
| 6,810 minke whales                            |
| 5,870 sperm whales males                      |
| 4,870 sperm whales females.                   |

The total catches of baleen whales in any of the Areas I to VI should not exceed the limits shown below. However, in no circumstances should the sum of the Area catches exceed the total quotas for each species.

|                                      | Fin<br>whales | Sei and Bryde's<br>whales combined | Minke<br>whales |
|--------------------------------------|---------------|------------------------------------|-----------------|
| Area I 120° W — 60° W .. . . . . .   | 220           | 198                                | 1,200           |
| Area II 60° W — 0 .. . . . . .       | —             | 567                                | 2,160           |
| Area III 0 — 70° E .. . . . . .      | —             | —                                  | 2,400           |
| Area IV 70° E — 130° E .. . . . . .  | —             | 671                                | 891             |
| Area V 130° E — 170° W .. . . . . .  | —             | 693                                | 840             |
| Area VI 170° W — 120° W .. . . . . . | —             | 297                                | 600             |

The catch by Areas amounted to:

|                | Fin<br>whales | Sei and Bryde's<br>whales combined | Minke<br>whales |
|----------------|---------------|------------------------------------|-----------------|
| Area I .....   | 206           | 198                                | 1,045           |
| Area II .....  | —             | 516                                | 1,940           |
| Area III ..... | —             | —                                  | 2,154           |
| Area IV .....  | —             | 466                                | 881             |
| Area V .....   | —             | 393                                | 631             |
| Area VI .....  | —             | 250                                | 159             |
|                | 206           | 1,823*)                            | 6,810           |

\*) Excluding 1 whale lost.

The total catches of sperm whales in any of the Divisions 1 to 9 should not exceed the limits shown below. However, in no circumstances should the sum of the Division catches exceed the total quota.

|  | Male  | Female |
|--|-------|--------|
| Division 3 and 4, 20° E — 90° E .....    | 1,562 | 1,368  |
| Division 5 90° E — 130° E .....          | 1,080 | 756    |
| Division 6 130° E — 160° E .....         | —     | 324    |
| Division 7 160° E — 170° W .....         | 495   | 396    |
| Division 8 170° W — 100° W .....         | 1,512 | 972    |
| Division 9, 1 and 2 100° W — 20° E ..... | 2,024 | 1,992  |

The catch amounted to:

|                           | Male  | Female | Total |
|---------------------------|-------|--------|-------|
| Division 3 and 4 .....    | 823   | 371    | 1,194 |
| Division 5 .....          | 942   | 410    | 1,352 |
| Division 6 .....          | —     | —      | —     |
| Division 7 .....          | 455   | 328    | 783   |
| Division 8 .....          | 731   | 839    | 1,570 |
| Division 9, 1 and 2 ..... | 1,733 | 1,418  | 3,151 |
|                           | 4,684 | 3,366  | 8,050 |

Brazil, Japan and the U.S.S.R. were unable to agree on the method of allocating the national quotas. The following figures are the majority decision, without prejudice to future negotiations:

|                   | Fin | Sei/Bryde's | Minke | Sperm |        |
|-------------------|-----|-------------|-------|-------|--------|
|                   |     |             |       | Male  | Female |
| U.S.S.R. ....     | 88  | 895         | 3,017 | 3,658 | 2,796  |
| Japan ....        | 132 | 1,331       | 3,017 | 878   | 665    |
| Australia ....    | —   | —           | —     | 658   | 487    |
| Brazil ....       | —   | 4           | 642   | 18    | 49     |
| South Africa .... | —   | —           | 134   | 658   | 873    |

## The catch amounted to:

|                 | Fin<br>whales | Sei/Bryde's<br>whales | Minke<br>whales | Male  | Sperm whales<br>Female | Total |
|-----------------|---------------|-----------------------|-----------------|-------|------------------------|-------|
| Japan .....     | 118           | 1,316                 | 3,017           | 364   | 228                    | 592   |
| U.S.S.R. ....   | 88            | 505                   | 3,017           | 3,658 | 2,796                  | 6,454 |
| Australia ..... | —             | —                     | —               | 658   | 337                    | 995   |
| Brazil .....    | —             | 3                     | 776             | 4     | 5                      | 9     |
|                 | 206           | 1,824                 | 6,810           | 4,684 | 3,366                  | 8,050 |

Brazil took the South African quota of minke whales when that nation ceased whaling.

The quotas set by the Commission apply to member nations of the Commission. Chile, Peru, Portugal, Spain and Korea are not members of the Commission. As mentioned in the Preface, reports of the catch in 1976 have not been received from these countries.

Tables Z<sup>2</sup> — Z<sup>11</sup> show the catches of small whales including the catches of small whales by the Antarctic pelagic expeditions.

According to United States Department of Commerce the preliminary estimates of the 1976 kill by U.S. purse seiners in the eastern tropical Pacific are:

|                                  |         |
|----------------------------------|---------|
| Spotted Dolphin .....            | 60,400  |
| Eastern Spinner Dolphin .....    | 5,800   |
| Whitebelly Spinner Dolphin ..... | 30,000  |
| Common Dolphin .....             | 5,400   |
| Striped Dolphin .....            | 1,300   |
| Others .....                     | 300     |
| Total .....                      | 103,200 |

## 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                  | 168       | —               | 7 <sup>2)</sup>     | 88 <sup>2)</sup> | 19              | 5                   | 80        |
| 1972—73 ....         | 14                   | 13                  | 181       | —               | 7 <sup>2)</sup>     | 82 <sup>2)</sup> | 14              | 6                   | 99        |
| 1973—74 ....         | 12                   | 13                  | 158       | —               | 8 <sup>3)</sup>     | 78               | 12              | 5                   | 80        |
| 1974—75 ....         | 10                   | 12                  | 148       | —               | 7 <sup>4)</sup>     | 75               | 10              | 5                   | 73        |
| 1975—76 ....         | 8                    | 8                   | 117       | —               | 5                   | 56               | 8               | 3                   | 61        |

<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. <sup>3)</sup> Of which 2 floating factories caught minke whales only. <sup>4)</sup> Of which 1 floating factory with 3 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 ..... | —     | 5,355 | 9          | 12,483       | 23,929 | 350     | 42,126           |
| 1969—70 ..... | 1     | 5,237 | 15         | 11,561       | 25,521 | 146     | 42,481           |
| 1970—71 ..... | 9     | 4,572 | 24         | 11,372       | 22,642 | 152     | 38,771           |
| 1971—72 ..... | —     | 4,192 | 6          | 8,819        | 18,895 | 221     | 32,133           |
| 1972—73 ..... | 7     | 2,620 | 15         | 7,439        | 22,305 | 216     | 32,602           |
| 1973—74 ..... | —     | 2,129 | 9          | 8,062        | 21,222 | 204     | 31,626           |
| 1974—75 ..... | —     | 1,427 | 9          | 6,826        | 20,814 | 191     | 29,267           |
| 1975—76 ..... | —     | 487   | 5          | 3,193        | 15,433 | 219     | 19,337           |

<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 .... | 42,126     | 11,478     | 2,078   | 1,249                                    | 183         | 4,299  | 7,167   | 9,895    |
| 1969—70 .... | 42,481     | 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 .... | 32,602     | 9,840      | 1,658   | 465                                      | —           | 2,593  | 3,771   | 5,249    |
| 1973—74 .... | 31,626     | 10,607     | 1,817   | 378                                      | —           | 2,620  | 3,731   | 4,832    |
| 1974—75 .... | 29,267     | 9,000      | 1,707   | 584                                      | —           | 2,464  | 3,063   | 4,436    |
| 1975—76 .... | 19,337     | 4,856      | —       | 402                                      | —           | 2,570  | 1,631   | 4,350    |

|              | 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    | 1,935 | 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                | 940     |
| 1973—74 .... | 164    | 1,812 | 1,080      | 1,709                 | 723           | 1,407                | 746     |
| 1974—75 .... | 106    | 1,343 | 1,172      | 2,565                 | 793           | 1,685                | 349     |
| 1975—76 .... | 62     | —     | 995        | 2,185                 | 771           | 1,284                | 231     |

<sup>1)</sup> Exclusive small whales — See tables Z<sup>2</sup> — Z<sup>11</sup>. <sup>2)</sup> Excluding Spain, Azores and Madeira.

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  |
| 1973—74 .. | 815,403              | 334,065    | 41,648     | 14,639                                 | —             | 48,485               | 108,352                                      | 103,534  |
| 1974—75 .. | 764,003              | 292,504    | 36,588     | 13,147                                 | —             | 47,310               | 82,683                                       | 89,247   |
| 1975—76 .. | 532,584              | 180,076    | —          | 13,034                                 | —             | 51,766               | 37,529                                       | 102,142  |
|            | 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                                       |          |
| 1973—74 .. | <sup>5</sup> )       | 22,856     | 33,002     | 41,071                                 | 23,823        | 29,082               | 14,846                                       |          |
| 1974—75 .. | <sup>5</sup> )       | 17,283     | 34,610     | 71,285                                 | 21,153        | 47,135               | 11,058                                       |          |
| 1975—76 .. | <sup>5</sup> )       | —          | 33,773     | 59,820                                 | 19,239        | 30,782               | 4,423  |          |

<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 .... | 42,126         | 679        | 137            | 695            | 253            | 423           | 16,782                    | 446      | —                 |
| 1969—70 .... | 42,481         | 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 .... | 32,602         | 971        | 82             | —              | 246            | 453           | 11,268                    | —        | 491               |
| 1973—74 .... | 31,626         | 1,080      | 32             | —              | 164            | 365           | 10,095                    | —        | 451               |
| 1974—75 .... | 29,267         | 1,172      | 57             | 1              | 106            | 420           | 9,450                     | —        | 276               |
| 1975—76 .... | 19,337         | 995        | 12             | —              | 62             | 389           | 6,227                     | —        | 23                |
|              | Denmark        | Norway.    | Peru.          | Portugal.      | Spain.         | South Africa. | United States of America. | U.S.S.R. | Republic of Korea |
|              |                |            |                |                |                |               |                           |          |                   |
| 1968—69 .... | 3              | 128        | 2,305          | 228            | 315            | 2,078         | 183                       | 17,436   | 35                |
| 1969—70 .... | 1              | 228        | 1,935          | 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   | 4                 |
| 1973—74 .... | 13             | —          | 1,812          | 234            | 224            | 1,817         | 21                        | 15,266   | 52                |
| 1974—75 .... | 13             | —          | 1,343          | 238            | <sup>2</sup> ) | 1,707         | 15                        | 14,456   | 13                |
| 1976—76 .... | 13             | —          | <sup>2</sup> ) | <sup>2</sup> ) | <sup>2</sup> ) | —             | 56                        | 11,560   | —                 |

<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)5)</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         |
| 1973—74 .. | 815,403        | 33,002     | 4,545   | —       | <sup>3)</sup>       | 14,639   | 251,648 | <sup>4)</sup> 1,840         |
| 1974—75 .. | 764,003        | 34,610     | 6,148   | —       | <sup>3)</sup>       | 13,147   | 236,669 | <sup>4)</sup> 708           |
| 1975—76 .. | 532,534        | 33,773     | 4,423   | —       | <sup>3)</sup>       | 13,034   | 144,024 | —                           |

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  |
| 1973—74 ..... | —       | 22,856        | 4,681         | <sup>2)</sup> 5,620  | 41,648        | —                         | 434,924  |
| 1974—75 ..... | —       | 17,283        | 4,910         | <sup>3)</sup>        | 36,588        | —                         | 413,940  |
| 1975—76 ..... | —       | <sup>3)</sup> | <sup>3)</sup> | <sup>3)</sup>        | —             | —                         | 337,330  |

<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. <sup>5)</sup> Inclusive oil produced of minke whales — see table 1.

Table g.—Sperm-oil production.

| Grounds                       | 1969/70 <sup>1)</sup> | 1970/71             | 1971/72             | 1972/73             | 1973/74             | 1974/75       | 1975/76       |
|-------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------|---------------|
|                               | Barrels               | Barrels             | Barrels             | Barrels             | Barrels             | Barrels       | Barrels       |
| Antarctic, pelagic .....      | 125,027               | 116,714             | 133,377             | 167,734             | 176,801             | 152,192       | 116,529       |
| Africa:                       |                       |                     |                     |                     |                     |               |               |
| Natal .....                   | 42,319                | 42,624              | 42,923              | 37,494              | 39,883              | 35,135        | —             |
| South Atlantic, pelagic ..... | 29,114                | 32,526              | 38,432              | 54,800              | 39,231              | 70,577        | 59,820        |
| Brazil .....                  | 932                   | 862                 | 1,047               | 770                 | 247                 | 566           | 149           |
| North Atlantic and Arctic:    |                       |                     |                     |                     |                     |               |               |
| Azores .....                  | 5,432                 | 6,984               | 6,785               | 7,627               | 3,012               | 2,915         | <sup>3)</sup> |
| Madeira .....                 | 861                   | 1,165               | 1,299               | 1,665               | 1,669               | 1,995         | <sup>3)</sup> |
| Spain .....                   | <sup>2)</sup> 5,220   | <sup>2)</sup> 5,460 | <sup>2)</sup> 3,620 | <sup>2)</sup> 3,560 | <sup>2)</sup> 3,340 | <sup>3)</sup> | <sup>3)</sup> |
| Norway .....                  | 2,711                 | 3,117               | —                   | —                   | —                   | —             | —             |
| Iceland .....                 | 3,254                 | 5,532               | 3,887               | 2,519               | 3,672               | 1,929         | 5,115         |
| Newfoundland .....            | 94                    | —                   | 76                  | —                   | —                   | —             | —             |
| Nova Scotia .....             | 1,153                 | 1,853               | 1,799               | —                   | —                   | —             | —             |
| Pacific North:                |                       |                     |                     |                     |                     |               |               |
| California .....              | 1,520                 | 918                 | —                   | —                   | —                   | —             | —             |
| Pelagic, Japan .....          | 123,582               | 89,388              | 72,365              | 82,959              | 78,223              | 65,624        | 31,217        |
| Pelagic, U.S.S.R. ....        | 288,567               | 216,882             | 70,512              | 102,229             | 94,470              | 84,603        | 97,677        |
| Japan, coastal .....          | 67,827                | 68,148              | 60,314              | 51,800              | 46,112              | 45,962        | 51,298        |
| Indian Ocean .....            | 35,357                | 42,941              | 48,131              | 10,906              | 23,823              | 21,153        | 19,239        |
| South Pacific Ocean .....     | 5,289                 | 21,892              | 31,384              | 37,411              | 29,082              | 47,135        | 30,782        |
| Peru .....                    | 31,047                | 24,174              | 26,629              | 24,629              | 18,841              | 13,665        | <sup>3)</sup> |
| Chile .....                   | <sup>2)</sup> 6,000   | <sup>2)</sup> 5,250 | <sup>3)</sup>       | <sup>3)</sup>       | <sup>3)</sup>       | <sup>3)</sup> | <sup>3)</sup> |
| Australia .....               | 33,307                | 34,894              | 34,590              | 33,415              | 33,002              | 34,610        | 33,773        |
|                               | 808,613               | 721,324             | 577,170             | 619,518             | 591,408             | 578,061       | 445,599       |
| Of which produced by:         |                       |                     |                     |                     |                     |               |               |
| Norway .....                  | 4,619                 | 5,108               | 800                 | —                   | —                   | —             | —             |
| South Africa .....            | 42,319                | 42,624              | 42,923              | 37,494              | 39,883              | 35,135        | —             |
| Japan .....                   | 201,421               | 192,754             | 158,885             | 154,759             | 135,799             | 138,556       | 100,720       |
| U.S.S.R. ....                 | 470,922               | 391,411             | 294,830             | 353,080             | 351,943             | 348,690       | 305,842       |
| Canada .....                  | 1,247                 | 1,853               | 1,875               | —                   | —                   | —             | —             |
| Portugal .....                | 6,293                 | 8,149               | 8,084               | 9,292               | 4,681               | 4,910         | <sup>3)</sup> |
| Australia .....               | 33,307                | 34,894              | 34,590              | 33,415              | 33,002              | 34,610        | 33,773        |
| Spain .....                   | <sup>2)</sup> 5,220   | <sup>2)</sup> 5,460 | <sup>2)</sup> 3,620 | <sup>2)</sup> 3,560 | <sup>3)</sup> 3,340 | <sup>3)</sup> | <sup>3)</sup> |
| Iceland .....                 | 3,254                 | 5,532               | 3,887               | 2,519               | 3,672               | 1,929         | 5,115         |
| Peru .....                    | 31,047                | 24,174              | 26,629              | 24,629              | 18,841              | 13,665        | <sup>3)</sup> |
| Brazil .....                  | 932                   | 862                 | 1,047               | 770                 | 247                 | 566           | 149           |
| Chile .....                   | <sup>2)</sup> 6,000   | <sup>2)</sup> 5,250 | <sup>3)</sup>       | <sup>3)</sup>       | <sup>3)</sup>       | <sup>3)</sup> | <sup>3)</sup> |
| U.S.A. ....                   | 1,520                 | 918                 | —                   | —                   | —                   | —             | —             |
| Bahamas .....                 | 512                   | 2,335               | —                   | —                   | —                   | —             | —             |

<sup>1)</sup> 1969/70 = Antarctic season 1969/70 and outside the Antarctic in the calendar year 1970 a.s.o. <sup>2)</sup> Calculated.  
<sup>3)</sup> No information. <sup>4)</sup> No reports from Madeira.

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

| Species of whales and whaling grounds | 1976     | 1975     | 1974     | 1973     | 1972     | 1971     | 1970     |
|---------------------------------------|----------|----------|----------|----------|----------|----------|----------|
|                                       | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. |
| <b><u>Fin whales.</u></b>             |          |          |          |          |          |          |          |
| Antarctic:—                           |          |          |          |          |          |          |          |
| Pelagic whaling .....                 | 65,9     | 66,0     | 65,5     | 66,2     | 65,7     | 65,7     | 66,40    |
| Africa:—                              |          |          |          |          |          |          |          |
| Natal .....                           | —        | 60,7     | 62,4     | 62,0     | 61,5     | 62,3     | 60,55    |
| Brazil .....                          | —        | —        | —        | —        | —        | —        | —        |
| North Atlantic and Arctic:—           |          |          |          |          |          |          |          |
| Norway .....                          | —        | —        | —        | —        | —        | 60,7     | 63,09    |
| Iceland .....                         | 60,2     | 60,0     | 60,6     | 60,5     | 60,5     | 60,7     | 60,86    |
| Newfoundland .....                    | —        | —        | —        | —        | 59,5     | 59,3     | 59,30    |
| Nova Scotia .....                     | —        | —        | —        | —        | 56,8     | 57,6     | 56,89    |
| Pacific North:—                       |          |          |          |          |          |          |          |
| California .....                      | —        | —        | —        | —        | —        | 56,0     | 59,20    |
| Pelagic, Japan .....                  | —        | 61,0     | 60,1     | 60,3     | 60,7     | 60,9     | 62,48    |
| Pelagic, U.S.S.R. ....                | —        | 60,5     | 58,5     | 60,8     | 60,0     | 60,4     | 60,89    |
| Japan, coastal .....                  | —        | 58,9     | 60,7     | 59,2     | 58,4     | 59,6     | 60,10    |
| <b><u>Sei whales.</u></b>             |          |          |          |          |          |          |          |
| Antarctic:—                           |          |          |          |          |          |          |          |
| Pelagic whaling .....                 | 47,8     | 47,8     | 47,9     | 47,5     | 47,1     | 47,4     | 47,90    |
| Africa:—                              |          |          |          |          |          |          |          |
| Natal .....                           | —        | 46,0     | 38,5     | 46,5     | 44,5     | 42,2     | 44,75    |
| Brazil .....                          | 47,7     | 45,0     | 43,3     | 47,4     | 48,4     | 46,9     | 49,85    |
| North Atlantic and Arctic:—           |          |          |          |          |          |          |          |
| Iceland .....                         | 43,7     | 43,6     | 42,4     | 43,8     | 43,2     | 43,8     | 44,95    |
| Nova Scotia .....                     | —        | —        | —        | —        | 43,7     | 44,5     | 44,55    |
| Pacific North:—                       |          |          |          |          |          |          |          |
| California .....                      | —        | —        | —        | —        | —        | 47,5     | 44,75    |
| Pelagic, Japan .....                  | —        | 44,0     | 44,1     | 44,1     | 44,5     | 44,7     | 45,15    |
| Pelagic, U.S.S.R. ....                | —        | 45,5     | 45,0     | 43,8     | 46,0     | 43,4     | 44,71    |
| Japan coastal .....                   | —        | 42,9     | 42,0     | 43,3     | 42,1     | 43,9     | 42,95    |
| South Atlantic Ocean, pelagic.        | —        | 43,5     | 43,2     | 43,7     | 45,4     | —        | —        |
| <b><u>Bryde's whales.</u></b>         |          |          |          |          |          |          |          |
| Africa:—                              |          |          |          |          |          |          |          |
| Natal .....                           | —        | 39,3     | 41,1     | —        | —        | —        | —        |
| Pacific North:—                       |          |          |          |          |          |          |          |
| Pelagic, Japan .....                  | 42,2     | 42,1     | 41,9     | —        | —        | 41,4     | —        |
| Pelagic, U.S.S.R. ....                | 41,4     | 41,3     | 41,5     | 41,7     | 41,0     | 42,6     | —        |
| Japan coastal .....                   | 40,2     | 41,3     | 40,5     | 39,8     | 40,2     | 41,9     | —        |
| <b><u>Minke whales.</u></b>           |          |          |          |          |          |          |          |
| Antarctic:—                           |          |          |          |          |          |          |          |
| Pelagic whaling .....                 | 27,8     | 27,8     | 27,3     | 26,7     | 28,0     | —        | —        |
| Africa:—                              |          |          |          |          |          |          |          |
| Natal .....                           | —        | 26,7     | 26,3     | 27,2     | 26,5     | 26,4     | —        |
| Brazil .....                          | 28,7     | 28,3     | 28,7     | 28,4     | 29,3     | 27,6     | —        |
| North Atlantic and Arctic:—           |          |          |          |          |          |          |          |
| Newfoundland .....                    | —        | —        | —        | —        | 21,3     | 22,5     | —        |
| <b><u>Sperm whales.</u></b>           |          |          |          |          |          |          |          |
| Antarctic:—                           |          |          |          |          |          |          |          |
| Pelagic whaling .....                 | 45,0     | 42,8     | 42,2     | 44,3     | 44,7     | 43,4     | 44,90    |

Cont. next p.



Table h cont.

| Species of whales and whaling grounds | 1976     | 1975     | 1974     | 1973     | 1972     | 1971     | 1970     |
|---------------------------------------|----------|----------|----------|----------|----------|----------|----------|
|                                       | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. | Engl.ft. |
| Africa:—                              |          |          |          |          |          |          |          |
| Natal .....                           | —        | 35,2     | 35,8     | 36,1     | 37,8     | 35,8     | 37,10    |
| South Atlantic, pelagic .....         | 38,7     | 38,5     | 38,5     | 35,9     | 41,1     | 41,2     | 41,50    |
| Brazil .....                          | 34,6     | 31,5     | 31,1     | 31,3     | 35,7     | 26,2     | 37,16    |
| North Atlantic and Arctic:—           |          |          |          |          |          |          |          |
| Norway .....                          | —        | —        | —        | —        | —        | —        | 49,59    |
| Iceland .....                         | 47,9     | 49,2     | 50,0     | 49,5     | 49,4     | 50,4     | 49,85    |
| Nova Scotia .....                     | —        | —        | —        | —        | 45,8     | 47,4     | —        |
| Pacific North:—                       |          |          |          |          |          |          |          |
| California .....                      | —        | —        | —        | —        | —        | 38,4     | 38,74    |
| Pelagic, Japan .....                  | 38,4     | 40,2     | 42,5     | 43,3     | 44,8     | 45,5     | 44,65    |
| Pelagic, U.S.S.R. ....                | 37,7     | 36,6     | 36,5     | 36,6     | 43,1     | 42,1     | 41,20    |
| Japan coastal .....                   | 35,5     | 35,9     | 35,4     | 35,8     | 36,4     | 37,1     | 36,82    |
| South Pacific Ocean, pelagic ..       | 36,1     | 37,8     | 35,3     | 35,7     | 41,5     | 40,4     | 40,99    |
| Indian Ocean, pel .....               | 37,4     | 37,4     | 41,6     | 36,5     | 40,8     | 40,5     | 40,59    |
| Australia .....                       | 40,0     | 38,1     | 38,7     | 40,0     | 40,9     | 43,3     | 43,59    |

**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. | Floating factories. | Catchers. |  |
| <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  | 9          | 9    | 71     | —       | 378               | 14,639          | 1               | —                   | 4         |  |
|   | 1975   | —                         | 246  | 9          | 141  | 37     | —       | 433               | 13,147          | 1               | —                   | 4         |  |
|   | 1976   | —                         | 231  | 5          | 5    | 111    | —       | 402               | 13,034          | 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         |  |
|   | 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         |  |
| <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                | —               | —               | —                   | —         |  |
| <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.  $\frac{1}{6}$  long ton). <sup>2)</sup> In addition minke whales — See table Z<sup>3</sup>. <sup>3)</sup> Incl. oil from minke whales.

Table j.—Azores.

| Years | Species of whales caught. |      |            |      |        |         |                  | Oil production. Barrels. | Expeditions. <sup>1)</sup> |                     |           |
|-------|---------------------------|------|------------|------|--------|---------|------------------|--------------------------|----------------------------|---------------------|-----------|
|       | 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)               | -                        | -                          | -                   | -         |

<sup>1)</sup> Several small shore stations. <sup>2)</sup> No information.

Table k.—Madeira.

| 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  | -                         | -    | -          | -    | 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  | -                         | -    | -          | -    | 2)     | -       | 2)               | -                        | -               | -                   | -         |

<sup>1)</sup> Several small shore stations. <sup>2)</sup> No information.

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.     |
| 1969  | -                         | -    | -          | -    | 193    | ( <sup>1</sup> 122 | 315              | <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> |
| 1974  | -                         | 57   | -          | -    | 167    | -                  | 224              | <sup>2)</sup> 5,620      | <sup>3)</sup>   | -                   | <sup>3)</sup> |
| 1975  | -                         | -    | -          | -    | -      | -                  | -                | <sup>3)</sup>            | -               | -                   | -             |
| 1976  | -                         | -    | -          | -    | -      | -                  | -                | <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> — |
| 1974   | —                         | —    | —          | —    | 1,258  | —       | 1,258            | 39,231                   | —               | <sup>1)</sup>       | <sup>1)</sup> — |
| 1975   | —                         | —    | —          | —    | 2,290  | —       | 2,290            | 70,577                   | —               | <sup>1)</sup>       | <sup>1)</sup> — |
| 1976   | —                         | —    | —          | —    | 2,162  | —       | 2,162            | 59,820                   | —               | <sup>1)</sup>       | <sup>1)</sup> — |

<sup>1)</sup> 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              | <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         |
| 1974               | —                         | 2    | —          | 449  | —      | —       | 451              | 1,840                    | —               | —                   | 1         |
| 1975               | —                         | 1    | —          | 275  | —      | —       | 276              | 708                      | —               | —                   | 1         |
| 1976 <sup>3)</sup> | —                         | —    | —          | 23   | —      | —       | 23               |                          | —               | —                   |           |

<sup>1)</sup> No information. <sup>2)</sup> No information. Oil produced of 148 sei whales. <sup>3)</sup> January — February 16 th.**Table n.—Africa.**

| Grounds. | Years. | Species of whales caught. |      |            |      |        |                 |                     | Oil production. <sup>3)</sup> Barrels. | Expeditions.    |                     |           |
|----------|--------|---------------------------|------|------------|------|--------|-----------------|---------------------|--|-----------------|---------------------|-----------|
|          |        | Blue.                     | Fin. | Hump-back. | Sei. | Sperm. | Others.         | Total of whales.    |  | Shore stations. | Floating factories. | Catchers. |
| Natal.   | 1969   | —                         | 150  | —          | 40   | 1,885  | <sup>1)</sup> 3 | <sup>2)</sup> 2,078 | 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         |
|          | 1974   | —                         | 21   | —          | 4    | 1,783  | <sup>1)</sup> 9 | 1,817               | 41,648                                 | 1               | —                   | 6         |
|          | 1975   | —                         | 21   | —          | 1    | 1,682  | <sup>1)</sup> 3 | 1,707               | 36,588                                 | 1               | —                   | 5         |

<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. Barrels. | 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              | 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              | —                        | —               | —                   | —         |
|                         | 1974   | —                         | —    | —          | —    | —      | <sup>5)</sup> 183 | 183              | —                        | —               | —                   | —         |
|                         | 1975   | —                         | —    | —          | —    | —      | <sup>6)</sup> 175 | 175              | —                        | —               | —                   | —         |
|                         | 1976   | —                         | —    | —          | —    | —      | <sup>1)</sup> 163 | 163              | —                        | —               | —                   | —         |
| <i>U.S.A.</i>           | 1972   | —                         | —    | —          | —    | —      | <sup>2)</sup> 39  | 39               | —                        | —               | —                   | —         |
|                         | 1973   | —                         | —    | —          | —    | —      | <sup>3)</sup> 37  | 37               | —                        | —               | —                   | —         |
|                         | 1974   | —                         | —    | —          | —    | —      | <sup>4)</sup> 21  | 21               | —                        | —               | —                   | —         |
|                         | 1975   | —                         | —    | —          | —    | —      | <sup>3)</sup> 15  | 15               | —                        | —               | —                   | —         |
|                         | 1976   | —                         | —    | —          | —    | —      | <sup>3)</sup> 56  | 56               | —                        | —               | —                   | —         |
| <i>Canada.</i>          | 1975   | —                         | —    | —          | —    | —      | <sup>3)</sup> 1   | 1                | —                        | —               | —                   |           |

<sup>1)</sup> Gray whales. <sup>2)</sup> 38 right whales and 1 gray whale. <sup>3)</sup> Right whales. <sup>4)</sup> 20 right whales and 1 gray whale. <sup>5)</sup> 181 gray whales and 2 right whales. <sup>6)</sup> 171 gray whales and 4 without specification.

**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  | <sup>1)</sup> 89  | 4,299            | 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        |
| 1974   | —                         | 24   | —          | 48   | 2,361  | <sup>1)</sup> 187 | 2,620            | 48,485                   | 7               | —                   | 12        |
| 1975   | —                         | 11   | —          | 30   | 2,307  | <sup>1)</sup> 116 | 2,464            | 47,310                   | 5               | —                   | 12        |
| 1976   | —                         | —    | —          | —    | 2,487  | <sup>1)</sup> 83  | 2,570            | 51,766                   | 5               | —                   | 12        |

<sup>1)</sup> 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  | <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 | 1,303  | <sup>1)</sup> 2   | 3,771            | 106,406                  | —               | 3                   | 22        |
| 1974   | —                         | 216  | —          | 1,190 | 1,803  | <sup>1)</sup> 522 | 3,731            | 108,352                  | —               | 3                   | 21        |
| 1975   | —                         | 118  | —          | 454   | 1,803  | <sup>1)</sup> 688 | 3,063            | 82,683                   | —               | 3                   | 18        |
| 1976   | —                         | —    | —          | —     | 1,053  | <sup>1)</sup> 578 | 1,631            | 37,529                   | —               | 1                   | 9         |

<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. 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  | <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        |
| 1974   | —                         | 173  | —          | 42    | 3,963  | <sup>1)</sup> 654 | 4,832            | 103,534                  | —               | 2                   | 29        |
| 1975   | —                         | 33   | —          | 24    | 3,750  | <sup>1)</sup> 629 | 4,436            | 89,247                   | —               | 2                   | 26        |
| 1976   | —                         | —    | —          | —     | 3,671  | <sup>1)</sup> 679 | 4,350            | 102,142                  | —               | 2                   | 31        |

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

Table s.—Brazil.

| Years. | Species of whales caught. |      |            |      |        |         |                  | Oil production. <sup>2)</sup> Barrels. | Expeditions.    |                     |           |
|--------|---------------------------|------|------------|------|--------|---------|------------------|--|-----------------|---------------------|-----------|
|        | Blue.                     | Fin. | Hump-back. | Sei. | Sperm. | Others. | 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         |

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

Table t.—Peru.

| 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               | —                         | 74   | —          | 784  | 1,447  | —                 | 2,305            | 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               | —                   | <sup>1)</sup> |
| 1972               | —                         | 9    | —          | 337  | 1,550  | —                 | 1,896            | 29,741                   | 1               | —                   | 4             |
| 1973               | —                         | 11   | —          | 19   | 1,497  | <sup>2)</sup> 311 | 1,838            | 27,441                   | 1               | —                   | 4             |
| 1974               | —                         | 5    | —          | 347  | 1,286  | <sup>2)</sup> 174 | 1,812            | 22,856                   | 1               | —                   | 3             |
| 1975               | —                         | 5    | —          | 545  | 793    | —                 | 1,343            | 17,283                   | 1               | —                   | 3             |
| 1976 <sup>1)</sup> |                           |      |            |      |        |                   |                  |                          |                 |                     |               |

<sup>1)</sup> No information. <sup>2)</sup> Bryde's whales.

Table u.—Chile.

| Years.             | Species of whales caught. |      |            |      |        |               |                  | Oil production.<br>Barrels. | Expeditions.    |                     |               |
|--------------------|---------------------------|------|------------|------|--------|---------------|------------------|-----------------------------|-----------------|---------------------|---------------|
|                    | Blue.                     | Fin. | Hump-back. | Sei. | Sperm. | Others.       | Total of whales. |                             | Shore stations. | Floating factories. | Catchers.     |
| 1969               | —                         | —    | 1          | 31   | 221    | <sup>2)</sup> | 253              | <sup>1)</sup> 5,300         | 1               | —                   | 4             |
| 1970               | 1                         | 3    | —          | 17   | 270    | —             | 291              | <sup>1)</sup> 6,500         | 1               | —                   | 3             |
| 1971               | 1                         | 3    | —          | 1    | 246    | 2             | 253              | <sup>1)</sup> 5,500         | 1               | —                   | <sup>3)</sup> |
| 1972               | —                         | —    | —          | 15   | 337    | —             | 352              | <sup>3)</sup>               | —               | —                   | —             |
| 1973               | —                         | —    | —          | 14   | 232    | —             | 246              | <sup>3)</sup>               | —               | —                   | —             |
| 1974               | —                         | 2    | —          | 32   | 130    | —             | 164              | <sup>3)</sup>               | —               | —                   | —             |
| 1975               | —                         | —    | —          | 58   | 48     | —             | 106              | <sup>3)</sup>               | —               | —                   | —             |
| 1976 <sup>4)</sup> | —                         | —    | —          | 1    | 61     | —             | 62               | <sup>3)</sup>               | —               | —                   | —             |

<sup>1)</sup> Calculated. <sup>2)</sup> In addition 1 killer whale. <sup>3)</sup> No information. <sup>4)</sup> January — April 1976.

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

| Years. | Species of whales caught. |      |            |      |        |                 |                  | Oil production.<br>Barrels. | Expeditions.    |                     |                 |
|--------|---------------------------|------|------------|------|--------|-----------------|------------------|-----------------------------|-----------------|---------------------|-----------------|
|        | Blue.                     | Fin. | Hump-back. | Sei. | Sperm. | Others.         | Total of whales. |                             | Shore stations. | Floating factories. | Catchers.       |
| 1969   | —                         | —    | —          | —    | —      | —               | —                | —                           | —               | —                   | —               |
| 1970   | —                         | —    | —          | —    | 156    | —               | 156              | 5,289                       | —               | <sup>2)</sup> (1)   | <sup>2)</sup> — |
| 1971   | 3                         | —    | —          | —    | 732    | <sup>3)</sup> 1 | 736              | 21,892                      | —               | <sup>2)</sup> (2)   | <sup>2)</sup> — |
| 1972   | —                         | —    | —          | —    | 971    | —               | 971              | 31,384                      | —               | <sup>2)</sup> (2)   | <sup>2)</sup> — |
| 1973   | —                         | —    | —          | —    | 1,730  | —               | 1,730            | 37,411                      | —               | <sup>2)</sup> (2)   | <sup>2)</sup> — |
| 1974   | —                         | —    | —          | —    | 1,407  | —               | 1,407            | 29,082                      | —               | <sup>2)</sup>       | <sup>2)</sup> — |
| 1975   | —                         | —    | —          | —    | 1,685  | —               | 1,685            | 47,135                      | —               | <sup>2)</sup>       | <sup>2)</sup>   |
| 1976   | —                         | —    | —          | —    | 1,284  | —               | 1,284            | 30,782                      | —               | <sup>2)</sup>       | <sup>2)</sup>   |

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

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

| Years. | Species of whales caught. |      |            |      |        |                 |                  | Oil production.<br>Barrels. | Expeditions.    |                     |                 |
|--------|---------------------------|------|------------|------|--------|-----------------|------------------|-----------------------------|-----------------|---------------------|-----------------|
|        | Blue.                     | Fin. | Hump-back. | Sei. | Sperm. | Others.         | Total of whales. |                             | Shore stations. | Floating factories. | Catchers.       |
| 1069   | —                         | —    | —          | —    | 570    | —               | 570              | 18,234                      | —               | <sup>2)</sup> (3)   | <sup>2)</sup> — |
| 1970   | —                         | —    | —          | —    | 1,226  | —               | 1,226            | 35,357                      | —               | <sup>2)</sup> (4)   | <sup>2)</sup> — |
| 1971   | 5                         | —    | —          | —    | 1,564  | <sup>3)</sup> 2 | 1,571            | 43,366                      | —               | <sup>2)</sup> (5)   | <sup>2)</sup> — |
| 1972   | —                         | —    | —          | —    | 1,691  | —               | 1,691            | 48,131                      | —               | <sup>2)</sup> (4)   | <sup>2)</sup> — |
| 1973   | —                         | —    | —          | —    | 522    | —               | 522              | 10,906                      | —               | <sup>2)</sup> (1)   | <sup>2)</sup> — |
| 1974   | —                         | —    | —          | —    | 723    | —               | 723              | 23,823                      | —               | <sup>2)</sup>       | <sup>2)</sup> — |
| 1975   | —                         | —    | —          | —    | 793    | —               | 793              | 21,153                      | —               | <sup>2)</sup>       | <sup>2)</sup>   |
| 1976   | —                         | —    | —          | —    | 771    | —               | 771              | 19,239                      | —               | <sup>2)</sup>       | <sup>2)</sup>   |

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

Table x.—Australia.

| Years | Species of whales caught. |      |            |      |        |         |                  | Oil production.<br>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         |

Table y. — Republic of Korea.

| Years              | Species of whales caught |     |           |     |       |        |                 | Oil production<br>Barrels <sup>1)</sup> | Expeditions <sup>1)</sup> |                |           |
|--------------------|--------------------------|-----|-----------|-----|-------|--------|-----------------|---|---------------------------|----------------|-----------|
|                    | Blue                     | Fin | Hump-back | Sei | Sperm | Others | Total of whales |   | Shore stations            | Floating fact. | Catchers. |
| 1965               | —                        | 17  | —         | —   | —     | —      | 17              |   |                           |                |           |
| 1966               | —                        | 14  | —         | —   | —     | —      | 14              |   |                           |                |           |
| 1967               | —                        | 20  | —         | —   | —     | —      | 20              |   |                           |                |           |
| 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 <sup>1)</sup> |                          |     |           |     |       |        |                 |   |                           |                |           |

<sup>1)</sup> No information.Table Z<sup>1</sup>. — Production of by-products in the Antarctic and on other whaling grounds.

|                                      | Whale meal,<br>bone meal | Whale liver | Liver oil<br>Mill. Units<br>Vitamin A | Whale meat,<br>blubber,<br>ventral<br>grooves | Whale<br>solubles | Other<br>products |
|--------------------------------------|--------------------------|-------------|---------------------------------------|---|-------------------|-------------------|
|                                      | L. tons                  | L. tons     |                                       | L. tons                                       | L. tons           | L. tons           |
| 1968-69 ..... Total                  | 49,705                   | 1,964       | <sup>1)</sup> 9,637,000               | 159,021                                       | 5,934             | 24,140            |
| 1969-70 ..... »                      | 45,183                   | 1,887       | <sup>2)</sup> 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 ..... «                      | 22,267                   | 1,737       | 3,819,000                             | 88,867  | 2,508             | 1,337             |
| <i>Summary by grounds:</i>           |                          |             |                                       |   |                   |                   |
| Antarctic 1975/76 ....               | 7,982                    | 1,737       | —                                     | <sup>3)</sup> 66,308                          | —                 | 155               |
| Brazil .....                         | 332                      | —           | —                                     | <sup>3)</sup> 2,174                           | —                 | —                 |
| North Atlantic and<br>Arctic:        |                          |             |                                       |   |                   |                   |
| Azores <sup>4)</sup> .....           |                          |             |                                       |   |                   |                   |
| Madeira <sup>4)</sup> .....          |                          |             |                                       |   |                   |                   |
| Spain <sup>4)</sup> .....            |                          |             |                                       |   |                   |                   |
| Iceland .....                        | 1,492                    | —           | —                                     | 3,592   | —                 | 46                |
| Greenland <sup>4)</sup> .....        |                          |             |                                       |   |                   |                   |
| 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 <sup>4)</sup> .....  |                          |             |                                       |   |                   |                   |
| U.S.S.R., coastal <sup>4)</sup> .... |                          |             |                                       |   |                   |                   |
| Peru <sup>4)</sup> .....             |                          |             |                                       |   |                   |                   |
| Chile <sup>4)</sup> .....            |                          |             |                                       |   |                   |                   |
| Australia .....                      | 1,372                    | —           | —                                     | —   | 2,508             | —                 |
| South Atlantic Ocean <sup>4)</sup> . |                          |             |                                       |   |                   |                   |
| Total .....                          | 22,267                   | 1,737       | 3,819,000                             | 88,867  | 2,508             | 1,337             |

<sup>1)</sup> In addition 21 tons. <sup>2)</sup> In addition 10 tons. <sup>3)</sup> Inclusive products from minke whales. <sup>4)</sup> No information.



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

| Years<br>countries | Species of whales caught |                  |                 |                  |                 |                             |              |                 |           |
|--------------------|--------------------------|------------------|-----------------|------------------|-----------------|-----------------------------|--------------|-----------------|-----------|
|                    | Minke<br>whales          | Bottle-<br>noses | Pilot<br>whales | Killer<br>whales | White<br>whales | Baird's<br>beaked<br>whales | Nar-<br>whal | Common<br>porp. | Others    |
| 1969 .....         | 4,111                    | 486              | 1,552           | 248              | 1,333           | 138                         | 246          | 1,339           | 56        |
| 1970 .....         | 4,539                    | 536              | 738             | 277              | 1,827           | 113                         | 505          | 1,184           | 214,091   |
| 1971 .....         | 4,787                    | 213              | 1,215           | 94               | 750             | 118                         | 262          | 1,320           | 312,506   |
| 1972 .....         | 7,927                    | 19               | 603             | 50               | 1,207           | 86                          | 120          | 1,047           | 304,617   |
| 1973 .....         | 10,438                   | 30               | 1,191           | 25               | 1,607           | 32                          | 546          | 778             | 175,105   |
| 1974 .....         | 11,649                   | 4                | 807             | 60               | 1,416           | 32                          | 460          | 596             | 97,818    |
| 1975 .....         | 11,221                   | 3                | 1,214           | 49               | 721             | 46                          | 372          | 627             | 134,205   |
| 1976 .....         | 9,682                    | 1                | 542             | 17               | 1,588           | 13                          | 406          | 519             | 103,651   |
| 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.S.R. ....      | 17                       | 1                | -               | -                | -               | -                           | -            | -               | -         |
| Total .....        | 4,111                    | 486              | 1,552           | 248              | 1,333           | 138                         | 246          | 1,339           | 56        |
| 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. ....        | -                        | -                | -               | -                | -               | -                           | -            | -               | 1)214,000 |
| U.S.S.R. ....      | 30                       | -                | -               | 7                | -               | -                           | -            | -               | -         |
| Total .....        | 4,539                    | 536              | 738             | 277              | 1,827           | 113                         | 505          | 1,184           | 214,091   |
| 1971.              |                          |                  |                 |                  |                 |                             |              |                 |           |
| 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               | -               | -                           | -            | -               | -         |
| Rep. of Korea .    | 730                      | -                | -               | -                | -               | -                           | -            | -               | -         |
| South Africa ..    | 204                      | -                | -               | -                | -               | -                           | -            | -               | -         |
| U.S.A. ....        | -                        | -                | -               | -                | -               | -                           | -            | -               | 1)312,400 |
| U.S.S.R. ....      | 40                       | -                | 2               | 9                | -               | -                           | -            | -               | -         |
| Total .....        | 4,787                    | 213              | 1,215           | 94               | 750             | 118                         | 262          | 1,320           | 312,506   |

Cont. next p

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

| Years<br>countries          | Species of whales caught |                  |                 |                  |                   |                             |              |                 |                       |
|-----------------------------|--------------------------|------------------|-----------------|------------------|-------------------|-----------------------------|--------------|-----------------|-----------------------|
|                             | Minke-<br>whales         | Bottle-<br>noses | Pilot<br>whales | Killer<br>whales | White-<br>whales  | Baird's<br>beaked<br>whales | Nar-<br>whal | Common<br>porp. | Others                |
| <b>1972.</b>                |                          |                  |                 |                  |                   |                             |              |                 |                       |
| 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               | -                 | -                           | -            | -               | -                     |
| Rep. of Korea .             | 767                      | -                | -               | -                | -                 | -                           | -            | -               | -                     |
| Somali Republic             | 1                        | -                | -               | -                | -                 | -                           | -            | -               | -                     |
| South Africa ..             | 135                      | -                | -               | 17               | -                 | -                           | -            | -               | -                     |
| U.S.A. ....                 | -                        | -                | -               | -                | 185               | -                           | -            | -               | <sup>1</sup> )304,600 |
| U.S.S.R. ....               | 41                       | 2                | -               | 2                | -                 | -                           | -            | -               | -                     |
| Total .....                 | 7,927                    | 19               | 603             | 50               | 1,207             | 86                          | 120          | 1,047           | 304,617               |
| <b>1973.</b>                |                          |                  |                 |                  |                   |                             |              |                 |                       |
| 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. ....                 | -                        | -                | -               | -                | -                 | -                           | -            | -               | <sup>1</sup> )175,100 |
| U.S.S.R. ....               | 3,653                    | 27               | -               | 15               | -                 | -                           | -            | -               | -                     |
| Total .....                 | 10,438                   | 30               | 1,191           | 25               | 1,607             | 32                          | 546          | 778             | 175,105               |
| <b>1974.</b>                |                          |                  |                 |                  |                   |                             |              |                 |                       |
| Brazil .....                | 765                      | -                | -               | -                | -                 | -                           | -            | -               | -                     |
| Canada <sup>3</sup> ) ..... | -                        | -                | -               | -                | 509               | -                           | 291          | -               | -                     |
| Denmark:                    |                          |                  |                 |                  |                   |                             |              |                 |                       |
| Faroe Islands               | -                        | -                | 673             | -                | -                 | -                           | -            | -               | 4                     |
| Greenland ..                | 204                      | -                | -               | 2                | 907               | -                           | 169          | 596             | 13                    |
| Great Britain .             | -                        | -                | 71              | -                | -                 | -                           | -            | -               | -                     |
| Iceland .....               | 86                       | -                | -               | -                | -                 | -                           | -            | -               | -                     |
| 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. ....                 | -                        | -                | -               | -                | -                 | -                           | -            | -               | <sup>4</sup> )97,800  |
| U.S.S.R. ....               | 4,000                    | 4                | -               | 48               | -                 | -                           | -            | -               | -                     |
| Total .....                 | 11,649                   | 4                | 807             | 60               | 1,416             | 32                          | 460          | 596             | 97,818                |

Cont. next p.

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

|                               | Species of whales caught |              |              |               |              |                       |          |              |         |
|-------------------------------|--------------------------|--------------|--------------|---------------|--------------|-----------------------|----------|--------------|---------|
|                               | Minke-whales             | Bottle-noses | Pilot whales | Killer whales | White-whales | Baird's beaked whales | Nar-whal | Common porp. | Others  |
| 1975.                         |                          |              |              |               |              |                       |          |              |         |
| Brazil .....                  | 1,039                    | —            | —            | —             | —            | —                     | —        | —            | —       |
| Canada .....                  | —                        | —            | —            | —             | 321          | —                     | 251      | —            | —       |
| Denmark:                      |                          |              |              |               |              |                       |          |              |         |
| Faroe Islands                 | —                        | —            | 1,080        | —             | —            | —                     | —        | —            | —       |
| Greenland ..                  | 171                      | —            | 81           | —             | 400          | —                     | 121      | 627          | —       |
| Great Britain <sup>5)</sup> . | —                        | —            | —            | —             | —            | —                     | —        | —            | —       |
| 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. ....                   | —                        | —            | —            | —             | —            | —                     | —        | —            | 134,200 |
| U.S.S.R. ....                 | 3,500                    | 3            | —            | 40            | —            | —                     | —        | —            | —       |
| Total .....                   | 11,221                   | 3            | 1,214        | 49            | 721          | 46                    | 372      | 627          | 134,205 |
| 1976.                         |                          |              |              |               |              |                       |          |              |         |
| Brazil .....                  | 776                      | —            | —            | —             | —            | —                     | —        | —            | —       |
| Canada .....                  | —                        | —            | —            | —             | 529          | —                     | 300      | —            | —       |
| Denmark                       |                          |              |              |               |              |                       |          |              |         |
| Faroe Islands                 | —                        | —            | 531          | —             | —            | —                     | —        | —            | 44      |
| Greenland ...                 | 169                      | —            | —            | —             | 1 059        | —                     | 106      | 519          | 4       |
| Great Britain <sup>5)</sup> . | —                        | —            | —            | —             | —            | —                     | —        | —            | —       |
| Iceland .....                 | 197                      | —            | —            | —             | —            | —                     | —        | —            | —       |
| Japan .....                   | 3,377                    | —            | 11           | 1             | —            | 13                    | —        | —            | 3       |
| Norway .....                  | 2,146                    | —            | —            | —             | —            | —                     | —        | —            | —       |
| Rep. of Korea <sup>5)</sup> . | —                        | —            | —            | —             | —            | —                     | —        | —            | —       |
| Somali Republic <sup>5)</sup> | —                        | —            | —            | —             | —            | —                     | —        | —            | —       |
| U.S.A. ....                   | —                        | —            | —            | —             | —            | —                     | —        | —            | 103,600 |
| U.S.S.R. ....                 | 3,017                    | 1            | —            | 16            | —            | —                     | —        | —            | —       |
| Total .....                   | 9,682                    | 1            | 542          | 17            | 1 588        | 13                    | 406      | 519          | 103,651 |
| 1977. <sup>6)</sup>           |                          |              |              |               |              |                       |          |              |         |
| Japan .....                   | 3,950                    | —            | —            | —             | —            | —                     | —        | —            | —       |
| U.S.S.R. ....                 | 3,950                    | 2            | —            | 29            | —            | —                     | —        | —            | —       |

<sup>1)</sup> See Introduction. <sup>2)</sup> Data incomplete. <sup>3)</sup> 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. <sup>4)</sup> See introduction and page 9 Nos. LXIX and LXXIII. <sup>5)</sup> No information. <sup>6)</sup> Antarctic 1976/77

**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               |
|   | 1974    | —      | —    | —    | 42   | 369 | 921             | 153  | 335  | —     | —    | —    | —    | —     | 1,820               |
|   | 1975    | —      | —    | —    | 50   | 258 | 1,004           | 163  | 313  | —     | —    | —    | —    | —     | 1,788               |
|   | 1976    | —      | —    | —    | 13   | 450 | 1,294           | 76   | 307  | —     | —    | —    | —    | —     | <sup>6)</sup> 2,146 |
| 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                 |
| Barents Sea,<br>Spitzbergen and<br>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           | —    | —    | —     | —    | —    | —    | —     | <sup>7)</sup> 1,489 |
| Shetland, Iceland,<br>Greenland,<br>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  | —     | —    | —    | —    | —     | <sup>8)</sup> 444   |
| Antarctic <sup>1)</sup> .....                       | 1969/70 | —      | —    | —    | —    | —   | —               | —    | —    | —     | —    | —    | —    | 1     | 1                   |
|   | 1970/71 | —      | —    | —    | 15   | 17  | —               | —    | —    | —     | —    | —    | —    | —     | 32                  |
| Denmark:—   |         |        |      |      |      |     |                 |      |      |       |      |      |      |       |                     |
| Faroe Islands ....                                  | 1969    | —      | —    | —    | —    | —   | —               | —    | —    | —     | —    | —    | —    | —     | —                   |
|   | 1970    | —      | —    | —    | —    | —   | —               | —    | —    | —     | —    | —    | —    | —     | —                   |
|   | 1971    | —      | —    | —    | —    | —   | 3 <sup>2)</sup> | —    | —    | —     | —    | —    | —    | —     | 3                   |
| 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                 |
| 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   | —    | —    | —     | <sup>5)</sup> 181   |
|   | 1976    | —      | —    | 1    | 6    | 5   | 6               | 42   | 55   | 62    | 15   | 3    | —    | —     | <sup>9)</sup> 197   |

Cont. next p.

Table Z<sup>3</sup> cont.

| Grounds                       | Year    | Months |      |      |      |     |      |      |      |       |      |      | Total |       |
|-------------------------------|---------|--------|------|------|------|-----|------|------|------|-------|------|------|-------|-------|
|                               |         | Jan.   | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. |       | Dec.  |
| <b>Canada:—</b>               |         |        |      |      |      |     |      |      |      |       |      |      |       |       |
| 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    |       |
| <b>Japan:—</b>                |         |        |      |      |      |     |      |      |      |       |      |      |       |       |
| 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   |       |
| Pacific, pelagic ...          | 1970    | —      | —    | —    | —    | —   | 1    | 1    | 8    | —     | —    | —    | 10    |       |
| Antarctic <sup>1)</sup> ..... | 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 |       |
| <b>Brazil .....</b>           |         |        |      |      |      |     |      |      |      |       |      |      |       |       |
|                               | 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   |
| <b>Africa:—</b>               |         |        |      |      |      |     |      |      |      |       |      |      |       |       |
| 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    | —    | —    | —     | 117   |
|                               | 1975    | —      | —    | —    | 3    | 2   | 17   | 12   | 44   | 32    | —    | —    | —     | 110   |
| <b>U.S.S.R.:—</b>             |         |        |      |      |      |     |      |      |      |       |      |      |       |       |
| Antarctic <sup>1)</sup> ..... | 1968/69 | 14     | 3    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —     | 10    |
|                               | 1969/70 | 6      | 8    | 12   | —    | —   | —    | —    | —    | —     | —    | 4    | —     | 37    |
|                               | 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 |

<sup>1)</sup> Incl. catch north of 40° South. <sup>2)</sup> June-July. <sup>3)</sup> 1969 and 1970 — Bahamas. <sup>4)</sup> Incl. 2 lost. <sup>5)</sup> Incl. 21 without information of month. <sup>6)</sup> Incl. 6 without information of month. <sup>7)</sup> Incl. 4 without information of month. <sup>8)</sup> Incl. 2 without information of month. <sup>9)</sup> Incl. 2 without information of month.

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. |
| Somali Rep. <sup>3)</sup>                           |         |        |      |      |      |     |      |      |      |       |      |      |       |      |
| 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  |
| 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,<br>Spitzbergen and<br>Bear Island .... | 1969    | -      | -    | -    | 65   | 67  | 16   | -    | 2    | -     | -    | -    | -     | 150  |
|   | 1970    | -      | -    | -    | 43   | 38  | -    | -    | -    | -     | -    | -    | -     | 81   |
|   | 1973    | -      | -    | -    | -    | 3   | -    | -    | -    | -     | -    | -    | -     | 3    |
| Shetland, Iceland,<br>Greenland,<br>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   |
|   | 1973/74 | -      | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | 4     | 4    |
|   | 1974/75 | -      | 2    | -    | -    | -   | -    | -    | -    | -     | -    | -    | 1     | 3    |
|   | 1975/76 | 1      | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -     | 1    |
|   | 1976/77 | -      | -    | -    | -    | -   | -    | -    | -    | -     | -    | 2    | -     | 2    |

**Table. Z<sup>3</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    |
|  | 1974    | —      | —    | —    | —    | —   | 1    | —                | —    | —     | —    | —    | —    | 1     |
| Of which:  |         |        |      |      |      |     |      |                  |      |       |      |      |      |       |
| Coastal districts ...                              | 1969    | —      | —    | —    | —    | —   | —    | —                | 3    | —     | —    | —    | —    | 3     |
|  | 1970    | —      | —    | —    | —    | —   | 4    | —                | 38   | —     | —    | —    | —    | 42    |
|  | 1974    | —      | —    | —    | —    | —   | 1    | —                | —    | —     | —    | —    | —    | 1     |
| Shetland, Iceland,<br>Greenland,<br>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 |
|  | 1974    | —      | —    | 84   | 65   | —   | —    | —                | —    | 339   | 185  | —    | —    | 673   |
|  | 1975    | —      | —    | —    | 212  | —   | —    | 357              | 182  | —     | 29   | 300  | —    | 1,080 |
|  | 1976    | 51     | —    | —    | —    | —   | —    | 112              | 105  | 218   | —    | 35   | —    | 531   |
| Greenland.....                                     | 1972    | —      | —    | —    | —    | —   | —    | —                | 1    | —     | —    | —    | —    | 1     |
|  | 1975    | —      | —    | —    | —    | —   | 70   | 11               | —    | —     | —    | —    | —    | 81    |
|  | 1976    | —      | —    | —    | —    | —   | —    | 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    |
|  | 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    |
| U.S.S.R.:—   |         |        |      |      |      |     |      |                  |      |       |      |      |      |       |
| Antarctic .....                                    | 1970/71 | 1      | —    | —    | —    | —   | —    | —                | —    | —     | —    | —    | 1    | 2     |
| British West Indies .                              | 1973    | —      | —    | —    | —    | —   | —    | —                | —    | —     | —    | —    | —    | 64    |
|  | 1974    | —      | —    | —    | —    | —   | —    | —                | —    | —     | —    | —    | —    | 71    |

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

Table Z<sup>6</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     |
|  | 1974    | —      | —    | —    | —    | 6   | —    | —    | —    | —     | —    | —    | —    | 6     |
|  | 1975    | —      | —    | —    | —    | 2   | —    | —    | —    | —     | —    | —    | —    | 2     |
| 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     |
| Barents Sea,<br>Spitzbergen and<br>Bear Island ... | 1969    | —      | —    | —    | 1    | —   | 2    | —    | —    | —     | —    | —    | —    | 3     |
|  | 1970    | —      | —    | —    | —    | 2   | —    | —    | —    | —     | —    | —    | —    | 2     |
| Shetland, Iceland,<br>Greenland,<br>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     |
|  | 1974    | —      | —    | —    | —    | —   | —    | 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     | —    | —    | —    | 12    |
|  | 1971    | —      | —    | —    | 2    | —   | —    | 2    | —    | —     | 3    | 3    | —    | 10    |
|  | 1972    | —      | —    | —    | —    | —   | —    | —    | 2    | —     | —    | —    | —    | 3     |
|  | 1974    | —      | —    | 2    | —    | —   | —    | —    | —    | —     | —    | 1    | —    | 2     |
|  | 1975    | —      | —    | 1    | —    | 2   | —    | —    | —    | —     | —    | —    | —    | 3     |
| Africa:—   | 1976    | 1      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1     |
| Natal.....   | 1972    | —      | —    | —    | 2    | 10  | —    | —    | —    | 5     | —    | —    | —    | 17    |
|  | 1973    | —      | —    | —    | —    | —   | —    | 6    | 2    | —     | —    | —    | —    | 8     |
|  | 1974    | —      | —    | —    | —    | —   | —    | 2    | —    | —     | —    | —    | —    | 2     |
|  | 1975    | —      | —    | —    | 2    | —   | —    | 2    | —    | —     | —    | —    | —    | 4     |
| U.S.S.R.:—   | 1968/69 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | —     |
| Antarctic <sup>1)</sup> .....                      | 1969/70 | —      | —    | 5    | 2    | —   | —    | —    | —    | —     | —    | —    | —    | 7     |
|  | 1970/71 | 1      | —    | 6    | —    | —   | —    | —    | —    | —     | —    | 2    | —    | 9     |
|  | 1971/72 | 2      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 2     |
|  | 1972/73 | 5      | —    | 7    | 1    | —   | —    | —    | —    | —     | —    | —    | —    | 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    |

<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 .....                    | 1969 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 355                 |
|                                | 1970 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 411                 |
|                                | 1971 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1) <sup>1</sup> 13  |
|                                | 1972 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1) <sup>1</sup> 181 |
|                                | 1973 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 538                 |
|                                | 1974 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 509                 |
|                                | 1975 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 321                 |
|                                | 1976 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 529                 |
| Of which:                      |      |        |      |      |      |     |      |      |      |       |      |      |      |                     |
| Western                        | 1972 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 120                 |
| Arctic .....                   | 1973 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 297                 |
|                                | 1974 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 118                 |
|                                | 1975 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 149                 |
|                                | 1976 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 154                 |
| Eastern Arctic .....           | 1969 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 27                  |
|                                | 1970 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 85                  |
|                                | 1972 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 61                  |
|                                | 1973 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 63                  |
|                                | 1974 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 49                  |
|                                | 1975 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 74                  |
|                                | 1976 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 156                 |
| Hudson and<br>James Bays ..... | 1969 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 328                 |
|                                | 1970 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 326                 |
|                                | 1971 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 13                  |
|                                | 1973 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 178                 |
|                                | 1974 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 342                 |
|                                | 1975 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 98                  |
|                                | 1976 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 219                 |
| 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               |
| U.S.A.:—                       |      |        |      |      |      |     |      |      |      |       |      |      |      |                     |
| Alaska .....                   | 1972 | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 2) <sup>2</sup> 185 |

<sup>1</sup>) Data incomplete. <sup>2</sup>) Estimated annual catch. See introduction No. LXXI, page 27. <sup>3</sup>) See note to table Z<sup>2</sup>.

**Table Z<sup>3</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    |
|                       | 1974 | —      | —    | —    | —    | —   | —    | 8    | 12   | 12    | —    | —    | —    | 32    |
|                       | 1975 | —      | —    | —    | —    | 1   | —    | 19   | 18   | 2     | 6    | —    | —    | 46    |
|                       | 1976 | —      | —    | —    | —    | —   | —    | 7    | 4    | —     | 2    | —    | —    | 13    |

**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 .....                    | 1969 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 25    |
|                                | 1970 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 83-93 |
|                                | 1971 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 30    |
|                                | 1972 | <sup>1)</sup> | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 341   |
|                                | 1973 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 291   |
|                                | 1974 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 215   |
|                                | 1975 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 300   |
|                                | 1976 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    |       |
| Of which:                      |      |               |      |      |      |     |      |      |      |       |      |      |      |       |
| Western Arctic ...             | 1970 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 20-30 |
|                                | 1972 | <sup>1)</sup> | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | -     |
|                                | 1973 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    |       |
| Eastern Arctic .....           |      |               |      |      |      |     |      |      |      |       |      |      |      |       |
|                                | 1969 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 25    |
|                                | 1970 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 63    |
|                                | 1971 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 25    |
|                                | 1973 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 330   |
|                                | 1974 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 281   |
|                                | 1975 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 251   |
|                                | 1976 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 282   |
| Hudson and<br>James Bays ..... | 1971 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 5     |
|                                | 1973 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 11    |
|                                | 1974 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 10    |
|                                | 1976 | -             | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    | 18    |
| 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   |

<sup>1)</sup> 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 | -      | -    | 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    | -    | <sup>1)</sup> 596 |
|                 | 1975 | -      | -    | -    | 3    | 11  | 116  | 152  | 143  | 154   | 43   | -    | 5    | 627               |
|                 | 1976 | -      | -    | -    | 7    | 23  | 80   | 90   | 158  | 133   | 23   | 3    | 2    | 519               |

<sup>1)</sup> Incl. 31 without information of month.

**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                   |
|                   | 1974    | —      | —    | —    | —    | —   | —    | —    | 2    | 2     | —    | —    | —    | 4                    |
|                   | 1976    | —      | —    | —    | —    | —   | —    | —    | —    | 44    | —    | —    | —    | 44                   |
| Greenland .....   | 1969    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | —                    |
|                   | 1970    | —      | —    | —    | —    | —   | —    | —    | —    | 2     | —    | —    | —    | 2                    |
|                   | 1971    | —      | —    | —    | —    | —   | —    | —    | —    | 1     | —    | —    | —    | 1                    |
|                   | 1973    | —      | —    | —    | —    | —   | —    | —    | —    | 1     | 1    | —    | —    | 2                    |
|                   | 1974    | —      | —    | —    | —    | —   | —    | —    | 1    | 6     | 2    | —    | —    | 13 <sup>1)</sup>     |
|                   | 1976    | 1      | —    | —    | —    | —   | —    | —    | 3    | 1     | —    | —    | —    | 5                    |
| 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                    |
| Africa:—          | 1976    | —      | —    | —    | —    | —   | —    | —    | —    | —     | 2    | —    | 1    | 3                    |
| Natal .....       | 1973    | —      | —    | 1    | —    | —   | —    | 1    | —    | —     | —    | —    | —    | 2                    |
| U.S.A.....        | 1970    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 214000 <sup>2)</sup> |
|                   | 1971    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 312400 <sup>2)</sup> |
|                   | 1972    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 304600 <sup>2)</sup> |
|                   | 1973    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 175100 <sup>2)</sup> |
|                   | 1974    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 97800 <sup>2)</sup>  |
|                   | 1975    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 134200               |
|                   | 1976    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 103600               |
| U.S.S.R.:—        |         |        |      |      |      |     |      |      |      |       |      |      |      |                      |
| Antarctic .....   | 1969/70 | 1      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1                    |
| Republic of Korea | 1965    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 2                    |
|                   | 1966    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 8                    |
|                   | 1967    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1                    |
|                   | 1972    | —      | —    | —    | —    | —   | —    | —    | —    | —     | —    | —    | —    | 1                    |

<sup>1)</sup> Incl. 4 without information of month. <sup>2)</sup> See page 9 Nos. LXXIX and LXXIII and introductions.

## TABLES

**Table 1 — Whaling in the Antarctic season 1975/76 and outside the Antarctic in 1976.**

| Geographical areas                                     | Species of whales caught |              |                  |                     |            | Total of whales | Oil production Barrels | Expeditions    |                 |            |
|--|--------------------------|--------------|------------------|---------------------|------------|-----------------|------------------------|----------------|-----------------|------------|
|  | Fin                      | Sei          | Bryde's          | Sperm               | Others     |                 |                        | Shore stations | Floating fact.  | Catchers   |
| Antarctic, pelagic                                     |                          |              |                  |                     |            |                 |                        |                |                 |            |
| 1975/76 season . . . . .                               | 206                      | 1 821        | —                | 2 829 <sup>1)</sup> | —          | 4,856           | <sup>2)</sup> 180,076  | —              | 5               | 56         |
| Brazil . . . . .                                       | —                        | 3            | —                | 9 <sup>3)</sup>     | —          | 12              | <sup>2)</sup> 4,423    | 1              | —               | 1          |
| North Atlantic and Arctic:-                            |                          |              |                  |                     |            |                 |                        |                |                 |            |
| Azores <sup>4)</sup> . . . . .                         | —                        | —            | —                | —                   | —          | —               | —                      | —              | —               | —          |
| Madeira <sup>4)</sup> . . . . .                        | —                        | —            | —                | —                   | —          | —               | —                      | —              | —               | —          |
| Spain <sup>4)</sup> . . . . .                          | —                        | —            | —                | —                   | —          | —               | —                      | —              | —               | —          |
| Iceland . . . . .                                      | 275                      | 3            | —                | 111                 | —          | 389             | 13,034                 | 1              | —               | 4          |
| Greenland . . . . .                                    | 6                        | 2            | —                | — <sup>5)</sup>     | 5          | 13              | —                      | —              | —               | —          |
| North Pacific:-  |                          |              |                  |                     |            |                 |                        |                |                 |            |
| North Pacific and Bering Sea, pelagic                  |                          |              |                  |                     |            |                 |                        |                |                 |            |
| Japan . . . . .  | —                        | —            | 578              | 1 053               | —          | 1,631           | 37,529                 | —              | 1               | 9          |
| U.S.S.R. . . . .                                       | —                        | —            | 679              | 3 671               | —          | 4,350           | 102,142                | —              | 2 <sup>6)</sup> | 31         |
| Japan coastal . . . . .                                | —                        | —            | 83 <sup>7)</sup> | 2 487               | —          | 2,570           | 51,766                 | 5              | —               | 12         |
| U.S.A. coastal . . . . .                               | —                        | —            | —                | — <sup>8)</sup>     | 56         | 56              | —                      | —              | —               | —          |
| U.S.S.R. coastal . . . . .                             | —                        | —            | —                | — <sup>9)</sup>     | 163        | 163             | —                      | —              | —               | —          |
| Rep. of Korea <sup>4)</sup> . . . . .                  | —                        | —            | —                | —                   | —          | —               | —                      | —              | —               | —          |
| Chile <sup>10)</sup> . . . . .                         | —                        | 1            | —                | 61                  | —          | 62              | <sup>4)</sup>          | —              | —               | —          |
| Peru <sup>4)</sup> . . . . .                           | —                        | —            | —                | —                   | —          | —               | —                      | —              | —               | —          |
| Australia . . . . .                                    | —                        | —            | —                | 995                 | —          | 995             | 33,773                 | 1              | —               | 3          |
| South Atlantic Ocean, pelagic <sup>11)</sup> . . . . . | —                        | 23           | —                | —                   | —          | 23              | —                      | —              | —               | 1          |
| pelagic <sup>12)</sup> . . . . .                       | —                        | —            | —                | 2 162               | —          | 2,162           | 59,820                 | —              | (5)             | —          |
| Indian Ocean, pel. <sup>12)</sup> . . . . .            | —                        | —            | —                | 771                 | —          | 771             | 19,239                 | —              | —               | —          |
| South Pacific Ocean, pelagic <sup>12)</sup> . . . . .  | —                        | —            | —                | 1 284               | —          | 1,284           | 30,782                 | —              | —               | —          |
| <b>Total . . . . .</b>                                 | <b>487</b>               | <b>1 853</b> | <b>1 340</b>     | <b>15,433</b>       | <b>224</b> | <b>19,337</b>   | <b>532,584</b>         | <b>8</b>       | <b>8</b>        | <b>117</b> |

<sup>1)</sup> 6,034 minke whales, 16 killer whales and 1 Bottlenose. <sup>2)</sup> Including oil from small whales. <sup>3)</sup> 776 minke whales. <sup>4)</sup> No information. <sup>5)</sup> Humpback whales. <sup>6)</sup> Some of the catchers were used only for part of the season. <sup>7)</sup> From August 1, 1976 to March 31, 1977. See introduction. <sup>8)</sup> Right whales, aboriginal catch. <sup>9)</sup> Grey whales, aboriginal catch. <sup>10)</sup> January—April 1976. <sup>11)</sup> Combined floating factory/catcher. January—16th February. <sup>12)</sup> Antarctic pelagic expeditions before and/or after the Antarctic season 1975/76. See I.W.S. No. LXXVIII — page 9.

**Table 2. — Japanese whaling in the Antarctic season 1975/76 and outside the Antarctic in 1976.**

| 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 . . . . .                      | 118                      | 1 316        | —          | 146          | <sup>1)</sup> | 1,580           | <sup>2)</sup> 43,588   | —              | 3               | 23        |
| North Pacific Ocean and Bering Sea, pelagic . . . | —                        | —            | 578        | 1 053        | —             | 1,631           | 37,529                 | —              | 1               | 9         |
| Japan coastal . . . . .                           | —                        | —            | 83         | 2 487        | <sup>3)</sup> | 2,570           | 51,766                 | 5              | —               | 12        |
| South Atlantic Ocean <sup>4)</sup> . . .          | —                        | —            | —          | 38           | —             | 38              | 1,114                  | }              | (3)             |           |
| Indian Ocean <sup>4)</sup> . . . . .              | —                        | —            | —          | 256          | —             | 256             | 6,480                  |                |                 |           |
| South Pacific Ocean <sup>4)</sup> . . . .         | —                        | —            | —          | 152          | —             | 152             | 3,547                  |                |                 |           |
| <b>Total . . . . .</b>                            | <b>118</b>               | <b>1 316</b> | <b>661</b> | <b>4 132</b> |               | <b>6,227</b>    | <b>144,024</b>         | <b>5</b>       | <b>4</b>        | <b>44</b> |

<sup>1)</sup> 3,017 minke whales — see table Z<sup>2</sup>—Z<sup>3</sup>. <sup>2)</sup> Including oil from minke whales. <sup>3)</sup> From August 1, 1976 to March 31, 1977 — See introduction. <sup>4)</sup> Antarctic pelagic expeditions on voyage to and from the Antarctic 1975/76 season.

**Table 3. — Whaling of U.S.S.R. in the Antarctic season 1975/76 and outside the Antarctic in 1976.**

|   |           |            |            |               |                   |               |                       |          |          |                  |
|---|-----------|------------|------------|---------------|-------------------|---------------|-----------------------|----------|----------|------------------|
| Antarctic, pelagic . . . . .                          | 88        | 505        | —          | 2 683         | <sup>1)</sup>     | 3,276         | <sup>2)</sup> 136,488 | —        | 2        | 33               |
| North Pacific Ocean and Bering Sea, pelagic . . . .   | —         | —          | 679        | 3 671         | —                 | 4,350         | 102,142               | —        | 2        | <sup>3)</sup> 31 |
| Coastal . . . . .                                     | —         | —          | —          | —             | <sup>4)</sup> 163 | 163           |                       |          |          |                  |
| South Atlantic Ocean, pelagic <sup>5)</sup> . . . . . | —         | —          | —          | 2 124         | —                 | 2,124         | 58,706                | }        | (2)      |                  |
| Indian Ocean, pelagic <sup>5)</sup> . . .             | —         | —          | —          | 515           | —                 | 515           | 12,759                |          |          |                  |
| South Pacific Ocean, pelagic <sup>5)</sup> . . . . .  | —         | —          | —          | 1 132         | —                 | 1,132         | 27,235                |          |          |                  |
| <b>Total . . . . .</b>                                | <b>88</b> | <b>505</b> | <b>679</b> | <b>10,125</b> | <b>163</b>        | <b>11,560</b> | <b>337,330</b>        | <b>—</b> | <b>4</b> | <b>64</b>        |

<sup>1)</sup> 3,017 minke whales, 16 killer whales and 1 Bottlenose — see tables Z<sup>2</sup>, Z<sup>3</sup>, Z<sup>4</sup>, Z<sup>5</sup>. <sup>2)</sup> Including oil from small whales. <sup>3)</sup> Some of the catchers were used only for part of the season. <sup>4)</sup> Grey whales — aboriginal catch. <sup>5)</sup> Antarctic pelagic expeditions on voyage to and from the Antarctic 1975/76 season.

**Table 4. Whaling results for the various countries in the Antarctic season 1975/76 and outside the Antarctic in 1976. (See foot-notes to tables 1, 2 and 3).**

|                                  |            |              |              |               |            |               |                |          |          |            |
|----------------------------------|------------|--------------|--------------|---------------|------------|---------------|----------------|----------|----------|------------|
| U.S.S.R. . . . .                 | 88         | 505          | 679          | 10,125        | 163        | 11,560        | 337,330        | —        | 4        | 64         |
| Japan . . . . .                  | 118        | 1 316        | 661          | 4,132         | —          | 6,227         | 144,024        | 5        | 4        | 44         |
| Australia . . . . .              | —          | —            | —            | 995           | —          | 995           | 33,773         | 1        | —        | 3          |
| Peru <sup>1)</sup> . . . . .     | —          | —            | —            | —             | —          | —             | —              | —        | —        | —          |
| Iceland . . . . .                | 275        | 3            | —            | 111           | —          | 389           | 13,034         | 1        | —        | 4          |
| Brazil . . . . .                 | —          | 3            | —            | 9             | —          | 12            | 4,423          | 1        | —        | 1          |
| Somali Rep. . . . .              | —          | 23           | —            | —             | —          | 23            | —              | —        | —        | 1          |
| Chile . . . . .                  | —          | 1            | —            | 61            | —          | 62            | —              | —        | —        | —          |
| Denmark (Greenland) . . . .      | 6          | 2            | —            | —             | 5          | 13            | —              | —        | —        | —          |
| Portugal <sup>1)</sup> . . . . . | —          | —            | —            | —             | —          | —             | —              | —        | —        | —          |
| Spain <sup>1)</sup> . . . . .    | —          | —            | —            | —             | —          | —             | —              | —        | —        | —          |
| U.S.A. . . . .                   | —          | —            | —            | —             | 56         | 56            | —              | —        | —        | —          |
| <b>Total . . . . .</b>           | <b>487</b> | <b>1 853</b> | <b>1 340</b> | <b>15,433</b> | <b>224</b> | <b>19,337</b> | <b>532,584</b> | <b>8</b> | <b>8</b> | <b>117</b> |

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

Table 5. — Average size of whales caught in 1976.

| Geographical areas<br>Number of whales measured | Average size |         |               |
|---|--------------|---------|---------------|
|   | Males        | Females | Total animals |
| <b>A. Fin whales.</b>                           |              |         |               |
| <i>North Atlantic and Arctic:</i>               |              |         |               |
| Iceland .....                                   | 58.9         | 61.5    | 60.2          |
| Males 132 } Total 275                           |              |         |               |
| Females 143 }                                   |              |         |               |
| <b>B. Sei whales.</b>                           |              |         |               |
| Brazil .....                                    | —            | 47.7    | 47.7          |
| Females 3                                       |              |         |               |
| <i>North Atlantic and Arctic:</i>               |              |         |               |
| Iceland .....                                   | 41.0         | 45.0    | 43.7          |
| Males 1 } Total 3                               |              |         |               |
| Females 2 }                                     |              |         |               |
| <b>C. Bryde's whales.</b>                       |              |         |               |
| <i>Pacific North:</i>                           |              |         |               |
| North Pacific Ocean and Bering Sea, pelagic:    |              |         |               |
| Japan .....                                     | 42.0         | 42.7    | 42.2          |
| Males 377 } Total 578                           |              |         |               |
| Females 201 }                                   |              |         |               |
| U.S.S.R. ....                                   | 40.9         | 41.8    | 41.4          |
| Males 299 } Total 679                           |              |         |               |
| Females 380 }                                   |              |         |               |
| Japan, coastal .....                            | 39.8         | 40.7    | 40.2          |
| Males 45 } Total 83                             |              |         |               |
| Females 38 }                                    |              |         |               |
| <b>D. Minke whales.</b>                         |              |         |               |
| Brazil .....                                    | 27.8         | 29.3    | 28.7          |
| Males 278 } Total 776                           |              |         |               |
| Females 498 }                                   |              |         |               |
| <b>E. Sperm whales.</b>                         |              |         |               |
| Brazil .....                                    | 39.3         | 30.8    | 34.6          |
| Males 4 } Total 9                               |              |         |               |
| Females 5 }                                     |              |         |               |
| <i>North Atlantic and Arctic:</i>               |              |         |               |
| Iceland .....                                   | 47.9         | —       | 47.9          |
| Males 111                                       |              |         |               |
| <i>Pacific North:—</i>                          |              |         |               |
| North Pacific Ocean and Bering Sea, pelagic     |              |         |               |
| Japan .....                                     | 41.9         | 35.4    | 38.4          |
| Males 483 } Total 1,053                         |              |         |               |
| Females 570 }                                   |              |         |               |
| U.S.S.R. ....                                   | 40.6         | 34.4    | 37.7          |
| Males 1 980 } Total 3,671                       |              |         |               |
| Females 1 691 }                                 |              |         |               |

Table 5 (continued).

| Geographical areas<br>Number of whales measured                                   | Average size |         |               |
|---|--------------|---------|---------------|
|   | Males        | Females | Total animals |
| Japan, coastal .....<br>Males 1 737 } Total 2,487<br>Females 750 }                | 36.1         | 34.1    | 35.5          |
| Australia .....<br>Males 658 } Total 995<br>Females 337 }                         | 43.1         | 34.0    | 40.0          |
| South Atlantic Ocean, pelagic .....<br>Males 984 } Total 2,162<br>Females 1 178 } | 44.5         | 33.9    | 38.7          |
| Indian Ocean, pelagic .....<br>Males 366 } Total 771<br>Females 405 }             | 41.5         | 33.8    | 37.4          |
| South Pacific Ocean, pelagic .....<br>Males 210 } Total 1,284<br>Females 1 074 }  | 43.4         | 34.7    | 36.1          |



Table 6.—Whales caught in 1976 by species, sex and size.

## 1. Brazil.

## Fin whales.

| Engl. feet | Number of |         | Total animals | Engl. feet                        | Number of |         | Total animals |
|------------|-----------|---------|---------------|-----------------------------------|-----------|---------|---------------|
|            | males     | females |               |                                   | males     | females |               |
| 42         | —         | 1       | 1             | Average size: Females: 47.7. feet |           |         |               |
| 49         | —         | 1       | 1             |                                   |           |         |               |
| 52         | —         | 1       | 1             |                                   |           |         |               |
| Total      | —         | 3       | 3             |                                   |           |         |               |

## Sperm whales.

|       |   |   |   |  |
|-------|---|---|---|--|
| 30    | — | 2 | 2 | Average size: } Males: 39.3 feet<br>Females: 30.8 »<br>Total animals: 34.6 » |
| 31    | — | 2 | 2 |  |
| 32    | — | 1 | 1 |  |
| 33    | 1 | — | 1 |  |
| 35    | 2 | — | 2 | Per cent: } Males: 44.4<br>Females: 55.6                                     |
| 54    | 1 | — | 1 |  |
| Total | 4 | 5 | 9 |  |

## Minke whales.

|       |     |     |     |  |
|-------|-----|-----|-----|--|
| 20    | —   | 1   | 1   | Average size: } Males: 27.8 feet<br>Females: 29.3 »<br>Total animals: 28.7 » |
| 22    | 1   | 1   | 2   |  |
| 23    | —   | 4   | 4   |  |
| 24    | 1   | 1   | 2   |  |
| 25    | 27  | 31  | 58  | Per cent: } Males: 35.8<br>Females: 64.2                                     |
| 26    | 33  | 32  | 65  |  |
| 27    | 41  | 38  | 79  |  |
| 28    | 80  | 52  | 132 |  |
| 29    | 59  | 56  | 115 |  |
| 30    | 27  | 113 | 140 |  |
| 31    | 7   | 110 | 117 |  |
| 32    | 2   | 38  | 40  |  |
| 33    | —   | 20  | 20  |  |
| 34    | —   | 1   | 1   |  |
| Total | 278 | 498 | 776 |  |



## 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. |                |
| 37          | 2         | —        | 2              | Average size: }<br>Per cent: } | Males: 42.0 feet<br>Females: 42.7 »<br>Total animals: 42.2 »<br>Males: 65.2<br>Females: 34.8 |          |                |
| 38          | 3         | 2        | 5              |                                |  |          |                |
| 40          | 38        | 16       | 54             |                                |  |          |                |
| 41          | 107       | 42       | 149            |                                |  |          |                |
| 42          | 103       | 33       | 136            |                                |  |          |                |
| 43          | 76        | 44       | 120            |                                |  |          |                |
| 44          | 37        | 31       | 68             |                                |  |          |                |
| 45          | 9         | 26       | 35             |                                |  |          |                |
| 46          | 2         | 6        | 8              |                                |  |          |                |
| 47          | —         | 1        | 1              |                                |  |          |                |
| Total       | 377       | 201      | 578            |                                |  |          |                |

## Sperm whales.

|    |    |     |     |                                |  |     |       |
|----|----|-----|-----|--------------------------------|--|-----|-------|
| 29 | 1  | —   | 1   | 50                             | 10   | —   | 10    |
| 30 | —  | 2   | 2   | 51                             | 11   | —   | 11    |
| 31 | 11 | 28  | 39  | 52                             | 16   | —   | 16    |
| 32 | 11 | 25  | 36  | 53                             | 13   | —   | 13    |
| 33 | 14 | 55  | 69  | 54                             | 7  | —   | 7     |
| 34 | 20 | 74  | 94  | 55                             | 10   | —   | 10    |
| 35 | 24 | 112 | 136 | 56                             | 6  | —   | 6     |
| 36 | 25 | 96  | 121 | 57                             | 2  | —   | 2     |
| 37 | 19 | 88  | 107 | 58                             | 3  | —   | 3     |
| 38 | 30 | 59  | 89  | 59                             | 2  | —   | 2     |
| 39 | 35 | 24  | 59  | 60                             | 1  | —   | 1     |
| 40 | 37 | 7   | 44  | Total                          | 483  | 570 | 1 053 |
| 41 | 42 | —   | 42  | Average size: }<br>Per cent: } | Males: 41.9 feet<br>Females: 35.4 »<br>Total animals: 38.4 »<br>Males: 45.9<br>Females: 54.1 |     |       |
| 42 | 24 | —   | 24  |                                |  |     |       |
| 43 | 34 | —   | 34  |                                |  |     |       |
| 44 | 22 | —   | 22  |                                |  |     |       |
| 45 | 10 | —   | 10  |                                |  |     |       |
| 46 | 12 | —   | 12  |                                |  |     |       |
| 47 | 8  | —   | 8   |                                |  |     |       |
| 48 | 13 | —   | 13  |                                |  |     |       |
| 49 | 10 | —   | 10  |                                |  |     |       |

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             | Average size: } Males: 40.9 feet<br>Females: 41.8 "<br>Total animals: 41.4 " | Per cent: } Males: 44.0<br>Females: 56.0 |         |               |
| 39         | 2         | —       | 2             |  |  |         |               |
| 40         | 135       | 109     | 244           |  |  |         |               |
| 41         | 90        | 92      | 182           |  |  |         |               |
| 42         | 38        | 53      | 91            |  |  |         |               |
| 43         | 27        | 68      | 95            |  |  |         |               |
| 44         | 5         | 31      | 36            |  |  |         |               |
| 45         | 2         | 17      | 19            |  |  |         |               |
| 46         | —         | 6       | 6             |  |  |         |               |
| 47         | —         | 2       | 2             |  |  |         |               |
| 48         | —         | 1       | 1             |  |  |         |               |
| Total      | 299       | 380     | 679           |  |  |         |               |

**Sperm whales.**

|    |     |     |     |  |  |       |       |
|----|-----|-----|-----|--|--|-------|-------|
| 29 | 6   | 4   | 10  | 51   | 24                                       | —     | 24    |
| 30 | 46  | 137 | 183 | 52   | 17                                       | —     | 17    |
| 31 | 54  | 85  | 139 | 53   | 47                                       | —     | 47    |
| 32 | 54  | 152 | 206 | 54   | 36                                       | —     | 36    |
| 33 | 65  | 189 | 254 | 55   | 29                                       | —     | 29    |
| 34 | 111 | 259 | 370 | 56   | 31                                       | —     | 31    |
| 35 | 120 | 275 | 395 | 57   | 14                                       | —     | 14    |
| 36 | 167 | 277 | 444 | 58   | 11                                       | —     | 11    |
| 37 | 165 | 197 | 362 | 59   | 1  | —     | 1     |
| 38 | 117 | 77  | 194 | 60   | 3  | —     | 3     |
| 39 | 123 | 34  | 157 | Total  | 1 980                                    | 1 691 | 3 671 |
| 40 | 113 | 5   | 118 | Average size: } Males: 40.6 feet<br>Females: 34.4 "<br>Total animals: 37.7 " | Per cent: } Males: 53.9<br>Females: 46.1 |       |       |
| 41 | 112 | —   | 112 |  |  |       |       |
| 42 | 66  | —   | 66  |  |  |       |       |
| 43 | 95  | —   | 95  |  |  |       |       |
| 44 | 78  | —   | 78  |  |  |       |       |
| 45 | 67  | —   | 67  |  |  |       |       |
| 46 | 44  | —   | 44  |  |  |       |       |
| 47 | 53  | —   | 53  |  |  |       |       |
| 48 | 40  | —   | 40  |  |  |       |       |
| 49 | 38  | —   | 38  |  |  |       |       |
| 50 | 33  | —   | 33  |  |  |       |       |

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               |               |
| 35         | 5         | 3       | 8             | 45                               | —         | 1                     | 1             |
| 36         | 3         | 2       | 5             | 46                               | 1         | 1                     | 2             |
| 37         | 2         | 2       | 4             | 47                               | —         | 1                     | 1             |
| 38         | 6         | 3       | 9             | Total                            | 45        | 38                    | 83            |
| 39         | 4         | 5       | 9             | Average size: } Males: 39.8 feet | }         | Females: 40.7 "       | }             |
| 40         | 4         | 2       | 6             |                                  |           |                       |               |
| 41         | 8         | 2       | 10            | }                                | }         | Total animals: 40.2 " |               |
| 42         | 3         | 6       | 9             |                                  |           |                       | }             |
| 43         | 7         | 5       | 12            | }                                | }         | }                     |               |
| 44         | 2         | 5       | 7             |                                  |           |                       | }             |

## Sperm whales.

|    |     |     |     |                                  |       |                 |       |
|----|-----|-----|-----|----------------------------------|-------|-----------------|-------|
| 26 | 5   | 2   | 7   | 50                               | 1     | —               | 1     |
| 28 | 9   | 2   | 11  | 51                               | 5     | —               | 5     |
| 30 | 14  | 5   | 19  | 52                               | 4     | —               | 4     |
| 31 | 106 | 68  | 174 | 53                               | 5     | —               | 5     |
| 32 | 121 | 68  | 189 | 54                               | 5     | —               | 5     |
| 33 | 162 | 142 | 304 | 55                               | 3     | —               | 3     |
| 34 | 231 | 157 | 388 | 56                               | 2     | —               | 2     |
| 35 | 264 | 141 | 405 | 57                               | 3     | —               | 3     |
| 36 | 208 | 82  | 290 | 58                               | 3     | —               | 3     |
| 37 | 162 | 51  | 213 | 59                               | 2     | —               | 2     |
| 38 | 117 | 19  | 136 | Total                            | 1,737 | 750             | 2,487 |
| 39 | 89  | 8   | 97  | Average size: } Males: 36.1 feet | }     | Females: 34.1 " | }     |
| 40 | 55  | 4   | 59  |                                  |       |                 |       |
| 41 | 44  | 1   | 45  | }                                | }     | }               |       |
| 42 | 40  | —   | 40  |                                  |       |                 | }     |
| 43 | 20  | —   | 20  | }                                | }     | }               |       |
| 44 | 18  | —   | 18  |                                  |       |                 | }     |
| 45 | 9   | —   | 9   | }                                | }     | }               |       |
| 46 | 5   | —   | 5   |                                  |       |                 | }     |
| 47 | 12  | —   | 12  | }                                | }     | }               |       |
| 48 | 7   | —   | 7   |                                  |       |                 | }     |
| 49 | 6   | —   | 6   | }                                | }     | }               |       |

Table 6 (continued).

## 5. Australia. Sperm whales.

|    |    |    |    |                 |                       |     |     |
|----|----|----|----|-----------------|-----------------------|-----|-----|
| 30 | 5  | 6  | 11 | 47              | 44                    | -   | 44  |
| 31 | -  | 26 | 26 | 48              | 36                    | -   | 36  |
| 32 | 8  | 37 | 45 | 49              | 24                    | -   | 24  |
| 33 | 13 | 71 | 84 | 50              | 16                    | -   | 16  |
| 34 | 9  | 64 | 73 | 51              | 18                    | -   | 18  |
| 35 | 17 | 59 | 76 | 52              | 20                    | -   | 20  |
| 36 | 19 | 49 | 68 | 53              | 1                     | -   | 1   |
| 37 | 25 | 17 | 42 | 54              | 3                     | -   | 3   |
| 38 | 13 | 7  | 20 | 55              | 1                     | -   | 1   |
| 39 | 22 | 1  | 23 |                 |                       |     |     |
| 40 | 48 | -  | 48 | Total           | 658                   | 337 | 995 |
| 41 | 66 | -  | 66 |                 |                       |     |     |
| 42 | 54 | -  | 54 | Average size: } | Males: 43.1 feet      |     |     |
| 43 | 36 | -  | 36 |                 | Females: 34.0 "       |     |     |
| 44 | 59 | -  | 59 |                 | Total animals: 40.0 " |     |     |
| 45 | 55 | -  | 55 | Per cent: }     | Males: 66.1           |     |     |
| 46 | 46 | -  | 46 |                 | Females: 33.9         |     |     |

## 6. South Atlantic Ocean. Pelagic. (60° W — 20° E) Sperm whales.

| Engl. feet | Number of |         | Total animals | Engl. feet      | Number of             |         | Total animals |
|------------|-----------|---------|---------------|-----------------|-----------------------|---------|---------------|
|            | males     | females |               |                 | males                 | females |               |
| 27         | -         | 3       | 3             | 48              | 44                    | -       | 44            |
| 28         | -         | 3       | 3             | 49              | 37                    | -       | 37            |
| 29         | 1         | 2       | 3             | 50              | 34                    | -       | 34            |
| 30         | 1         | 1       | 2             | 51              | 17                    | -       | 17            |
| 31         | 1         | 121     | 122           | 52              | 14                    | -       | 14            |
| 32         | 1         | 111     | 112           | 53              | 3                     | -       | 3             |
| 33         | 1         | 160     | 161           | 54              | 3                     | -       | 3             |
| 34         | -         | 304     | 304           | 55              | 2                     | -       | 2             |
| 35         | 5         | 323     | 328           | 56              | 5                     | -       | 5             |
| 36         | 3         | 99      | 102           | 57              | 2                     | -       | 2             |
| 37         | 2         | 42      | 44            |                 |                       |         |               |
| 38         | 7         | 6       | 13            | Total           | 984                   | 1 178   | 2 162         |
| 39         | 7         | 2       | 9             |                 |                       |         |               |
| 40         | 10        | 1       | 11            | Average size: } | Males: 44.5 feet      |         |               |
| 41         | 49        | -       | 49            |                 | Females: 33.9 "       |         |               |
| 42         | 127       | -       | 127           |                 | Total animals: 38.7 " |         |               |
| 43         | 173       | -       | 173           | Per cent: }     | Males: 45.5           |         |               |
| 44         | 197       | -       | 197           |                 | Females: 54.5         |         |               |
| 45         | 139       | -       | 139           |                 |                       |         |               |
| 46         | 48        | -       | 48            |                 |                       |         |               |
| 47         | 51        | -       | 51            |                 |                       |         |               |

Table 6 (continued).

## 7. Indian Ocean. (20° E — 150° E) Sperm whales.

|    |    |    |    |                                  |     |     |     |
|----|----|----|----|----------------------------------|-----|-----|-----|
| 30 | 1  | 4  | 5  | 46                               | 15  | —   | 15  |
| 31 | 2  | 38 | 40 | 47                               | 17  | —   | 17  |
| 32 | —  | 58 | 58 | 48                               | 8   | —   | 8   |
| 33 | 8  | 87 | 95 | 49                               | 11  | —   | 11  |
| 34 | 7  | 86 | 93 | 50                               | 11  | —   | 11  |
| 35 | 10 | 65 | 75 | 51                               | 12  | —   | 12  |
| 36 | 22 | 41 | 63 | 52                               | 7   | —   | 7   |
| 37 | 37 | 19 | 56 | 53                               | 1   | —   | 1   |
| 38 | 29 | 7  | 36 |                                  |     |     |     |
| 39 | 29 | —  | 29 | Total                            | 366 | 405 | 771 |
| 40 | 31 | —  | 31 |                                  |     |     |     |
| 41 | 25 | —  | 25 | Average size: } Males: 41.5 feet |     |     |     |
| 42 | 19 | —  | 19 | } Females: 33.8 "                |     |     |     |
| 43 | 34 | —  | 34 | } Total animals: 37.4 "          |     |     |     |
| 44 | 17 | —  | 17 | Per cent: } Males: 47.5          |     |     |     |
| 45 | 13 | —  | 13 | } Females: 52.5                  |     |     |     |

## 8. South Pacific Ocean. Pelagic. (150°E - 60°W) Sperm whales.

| Engl. feet | Number of |         | Total animals | Engl. feet                       | Number of |         | Total animals |
|------------|-----------|---------|---------------|----------------------------------|-----------|---------|---------------|
|            | males     | females |               |                                  | males     | females |               |
| 30         | —         | 11      | 11            | 47                               | 11        | —       | 11            |
| 31         | 3         | 57      | 60            | 48                               | 18        | —       | 18            |
| 32         | 3         | 54      | 57            | 49                               | 13        | —       | 13            |
| 33         | 4         | 142     | 146           | 50                               | 10        | —       | 10            |
| 34         | 2         | 236     | 238           | 51                               | 9         | —       | 9             |
| 35         | 6         | 234     | 240           | 52                               | 9         | —       | 9             |
| 36         | 4         | 173     | 177           | 53                               | 2         | —       | 2             |
| 37         | 2         | 105     | 107           | 54                               | 1         | —       | 1             |
| 38         | 6         | 36      | 42            |                                  |           |         |               |
| 39         | 16        | 20      | 36            | Total                            | 210       | 1 074   | 1 284         |
| 40         | 20        | 5       | 25            |                                  |           |         |               |
| 41         | 18        | 1       | 19            | Average size: } Males: 43.4 feet |           |         |               |
| 42         | 21        | —       | 21            | } Females: 34.7 "                |           |         |               |
| 43         | 9         | —       | 9             | } Total animals: 36.1 "          |           |         |               |
| 44         | 8         | —       | 8             | Per cent: } Males: 16.4          |           |         |               |
| 45         | 9         | —       | 9             | } Females: 83.6                  |           |         |               |
| 46         | 6         | —       | 6             |                                  |           |         |               |

**Table 7.—Average production of oil per “blue whale unit”  
in 1976.**

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    | 138.0                   | 7,919                  | 57.4                               |
| <i>Pacific North:—</i>                       |          |                         |                        |                                    |
| North Pacific Ocean and Bering Sea, pelagic: |          |                         |                        |                                    |
| Japan .....                                  | No. 1    | 96.3                    | 6,312                  | 65.5                               |
| U.S.S.R. ....                                | No. 1    | 56.3                    | 2,306                  | 41.0                               |
|  | ” 2      | 56.8                    | 2,159                  | 38.0                               |
| Total  |          | 113.1                   | 4,465                  | 39.5                               |
| Japan coastal .....                          | No. 1    | 3.0                     | 121                    | 40.3                               |
|  | ” 2      | 6.7                     | 204                    | 30.4                               |
|  | ” 3      | 1.2                     | 44                     | 36.7                               |
|  | ” 4      | 3.0                     | 99                     | 33.0                               |
| Total  |          | 13.9                    | 468                    | 33.7                               |

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. ¼ long ton, 1 long ton = 1,016 kg.)



**Table 8.—Average production of oil per sperm whale  
in 1976.**

| Geographical areas.                                 | Company. | Number of sperm whales. | Oil production.       |                         |
|---|----------|-------------------------|-----------------------|-------------------------|
|   |          |                         | Total.                | Average per sperm whale |
|   |          |                         | Barrels <sup>1)</sup> | Barrels <sup>1)</sup>   |
| <i>Brazil</i> .....                                 | No. 1    | 9                       | 149                   | 16.6                    |
| <i>North Atlantic and Arctic:</i>                   |          |                         |                       |                         |
| <i>Iceland</i> .....                                | " 1      | 111                     | 5,115                 | 46.1                    |
| <i>Pacific North:</i>                               |          |                         |                       |                         |
| <i>North Pacific Ocean and Bering Sea, pelagic:</i> |          |                         |                       |                         |
| <i>Japan</i> .....                                  | " 1      | 1,053                   | 31,217                | 29.6                    |
| <i>U.S.S.R.</i> .....                               | " 1      | 1,595                   | 52,112                | 32.7                    |
|   | " 2      | 2,076                   | 45,565                | 21.9                    |
|   | Total    | 3,671                   | 97,677                | 26.6                    |
| <i>Japan coastal</i> .....                          | No. 1    | 144                     | 3,695                 | 25.7                    |
|   | " 2      | 312                     | 6,490                 | 20.8                    |
|   | " 3      | 1,016                   | 25,268                | 24.9                    |
|   | " 4      | 350                     | 5,436                 | 15.5                    |
|   | " 5      | 665                     | 10,409                | 15.7                    |
|   | Total    | 2,487                   | 51,298                | 20.6                    |
| <i>Australia</i> .....                              | No. 1    | 995                     | 33,773                | 33.9                    |
| <i>South Atlantic Ocean</i> .....                   | No. 1    | 38                      | 1,114                 | 29.3                    |
|   | " 2      | 2,124                   | 58,706                | 27.6                    |
|   | Total    | 2,162                   | 59,820                | 27.7                    |
| <i>Indian Ocean, pelagic</i> .....                  | No. 1    | 79                      | 2,315                 | 29.3                    |
|   | " 2      | 177                     | 4,165                 | 23.5                    |
|   | " 3      | 10                      | 347                   | 34.7                    |
|   | " 4      | 505                     | 12,412                | 24.6                    |
|   | Total    | 771                     | 19,239                | 25.0                    |
| <i>South Pacific Ocean, pelagic</i> .....           | No. 1    | 97                      | 2,365                 | 24.4                    |
|   | " 2      | 55                      | 1,182                 | 21.5                    |
|   | " 3      | 1,132                   | 27,235                | 24.1                    |
|   | Total    | 1,284                   | 30,782                | 24.0                    |

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/4 long ton, 1 long ton = 1,016 kg.)

