

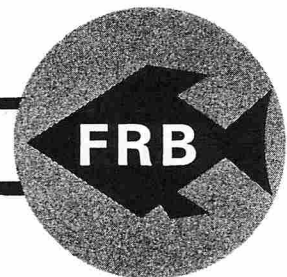
**Purse Seine Catches of  
Sockeye Salmon  
(*Oncorhynchus nerka*) and  
Other Species of Fish  
at Babine Lake  
British Columbia, 1972**

**by J. R. Scarsbrook and J. McDonald**

FISHERIES RESEARCH BOARD OF CANADA

**TECHNICAL REPORT NO. 390**

**1973**



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TECHNICAL REPORT NO. 390

PURSE SEINE CATCHES OF SOCKEYE SALMON  
(ONCORHYNCHUS NERKA) AND OTHER SPECIES  
OF FISH AT BABINE LAKE,  
BRITISH COLUMBIA, 1972

by

J. R. Scarsbrook and J. McDonald

FISHERIES RESEARCH BOARD OF CANADA  
Pacific Biological Station, Nanaimo, B. C.

MAY 1973

## INTRODUCTION

Babine Lake is the largest lake of the Skeena River drainage system, and produces one of British Columbia's major sockeye salmon (Oncorhynchus nerka) stocks. The lake is approximately 100 miles (160.9 km) long and has a surface area of 182 square miles (490 km). The Department of Fisheries is currently attempting to improve sockeye production by increasing the number of fry entering the lake, thus making fuller use of its potential as a nursery area (Dept. of Fish. 1965; McDonald 1969). The project involves extension and improvement of spawning grounds by constructing artificial spawning channels and by controlling stream flow on Fulton River (two channels) and Pinkut Creek (one channel). See Fig. 1. The construction phase of the project was completed in 1971.

Part of the evaluation of this project involved comparing the distribution, growth and survival in the lake of channel-produced fry and wild fry. This was done by releasing marked fry into the lake in the years 1966-68 and recovering them throughout their year of lake residence (McDonald 1969; Scarsbrook and McDonald 1970; Coburn and McDonald 1972). By 1971, production of fry from the spawning channels had substantially increased the density of young sockeye in the lake and a second mark and recovery program was begun so that the effects of increased density on distribution, growth and survival could be determined. Marked fry were released in 1971 and 1972 (Coburn and McDonald 1973). This report provides details of the catches of marked and unmarked sockeye and incidental catches of other species made in the course of the recovery program.

## METHODS

Fish were captured by seining from a 35-ft drum seiner. Lake areas and set locations were as used earlier but are described again for convenience (Fig. 2-8).

Fishing was carried out in three periods throughout the summer and fall, July 7-20, August 19-27, and October 6-16. Some additional sets were made for special purposes in May and June and resulting catches are included in this report. In 1972, every lake area was fished at some time during each fishing session. Ten sets were made in Areas 1 to 5 and 9, and five sets each in Areas 8 and 10.

## RESULTS

Table 1 lists catches of sockeye by set for 1972. All juvenile sockeye kept were counted and examined twice for missing fins to ensure an accurate marked-to-unmarked ratio. The total catch of sockeye for the year is shown below:

| Year | Number<br>of sets | Catch   |                    |
|------|-------------------|---------|--------------------|
|      |                   | Age 0   | Age 1 and<br>older |
| 1972 | 249               | 105,735 | 8,238              |

The incidental catches of other species are given in Table 2, set numbers correspond to those in Table 1. Information not reported herein is available in field record books on file at the Nanaimo Station.

Definition of terms used in Tables 1 and 2

Oncorhynchus nerka

- Underyearlings (Age 0) - fish in their first year of lake residence. These would be the progeny of the anadromous sockeye and non-anadromous sockeye (kokanee), but mainly of the former.
- Age 1 and older - these would consist mainly of kokanee, the non-anadromous form, but would include some sockeye in their second year which would emigrate to the sea the following spring.
- Adults - 3-, 4-, and 5-year-old sockeye which have returned from salt water to spawn.
- Total catch - the total number of age 0 sockeye caught in a particular set, including marked fish. Catches with an asterisk are estimates only. The numbers in parenthesis refer to the actual numbers retained for a sample, and examined for marks.
- Marks - the number of marked age 0 fish recovered in each set.
- D.P. - Double pelvic (Fulton River fish)  
R.P. - Right pelvic (Pinkut Creek fish)

Species other than Oncorhynchus nerka

- Juvenile coho (O. kisutch) - includes fish in their 1st and 2nd year of lake residence
- Trout (R.T.) - Rainbow trout (Salmo gairdneri)
- Char (L.T.) - Lake trout (Salvelinus namaycush)
- Whitefish - includes Lake whitefish (Coregonus clupeaformis)  
Pygmy whitefish (Prosopium coulteri)  
Rocky Mountain whitefish (Prosopium williamsoni)
- Suckers - Largescale (Catostomus macrocheilus)  
White (Catostomus commersoni)
- Peamouth chub - (Mylocheilus caurinus)
- Redside shiner - (Richardsonius balteatus)
- Sculpin - (Cottus asper)
- Ling - (Lota lota)
- Squawfish - (Ptychocheilus oregonensis)

REFERENCES

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- Scarsbrook, J. R., and J. McDonald. MS 1970. Purse seine catches of sockeye salmon (Oncorhynchus nerka) and other species of fish at Babine Lake, British Columbia, 1966 to 1968. Fish. Res. Board Can. MS Rep. 1075: 110 p.
- MS 1972. Purse seine catches of sockeye salmon (Oncorhynchus nerka) and other species of fish at Babine Lake, British Columbia, 1971. Fish. Res. Board Can. MS Rep. 1189: 48 p.

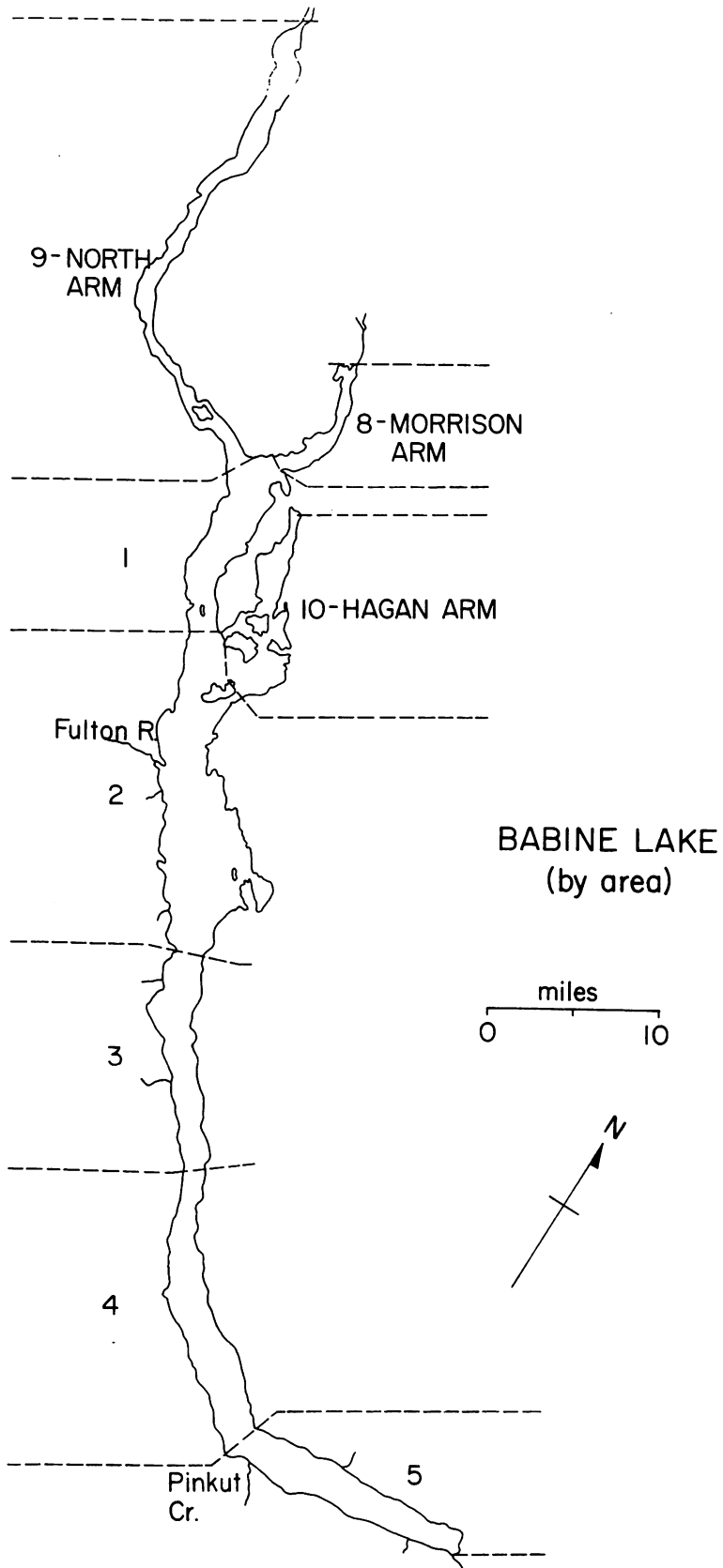


Fig. 1. Babine Lake showing the Fulton River and fishing areas.

# AREA I

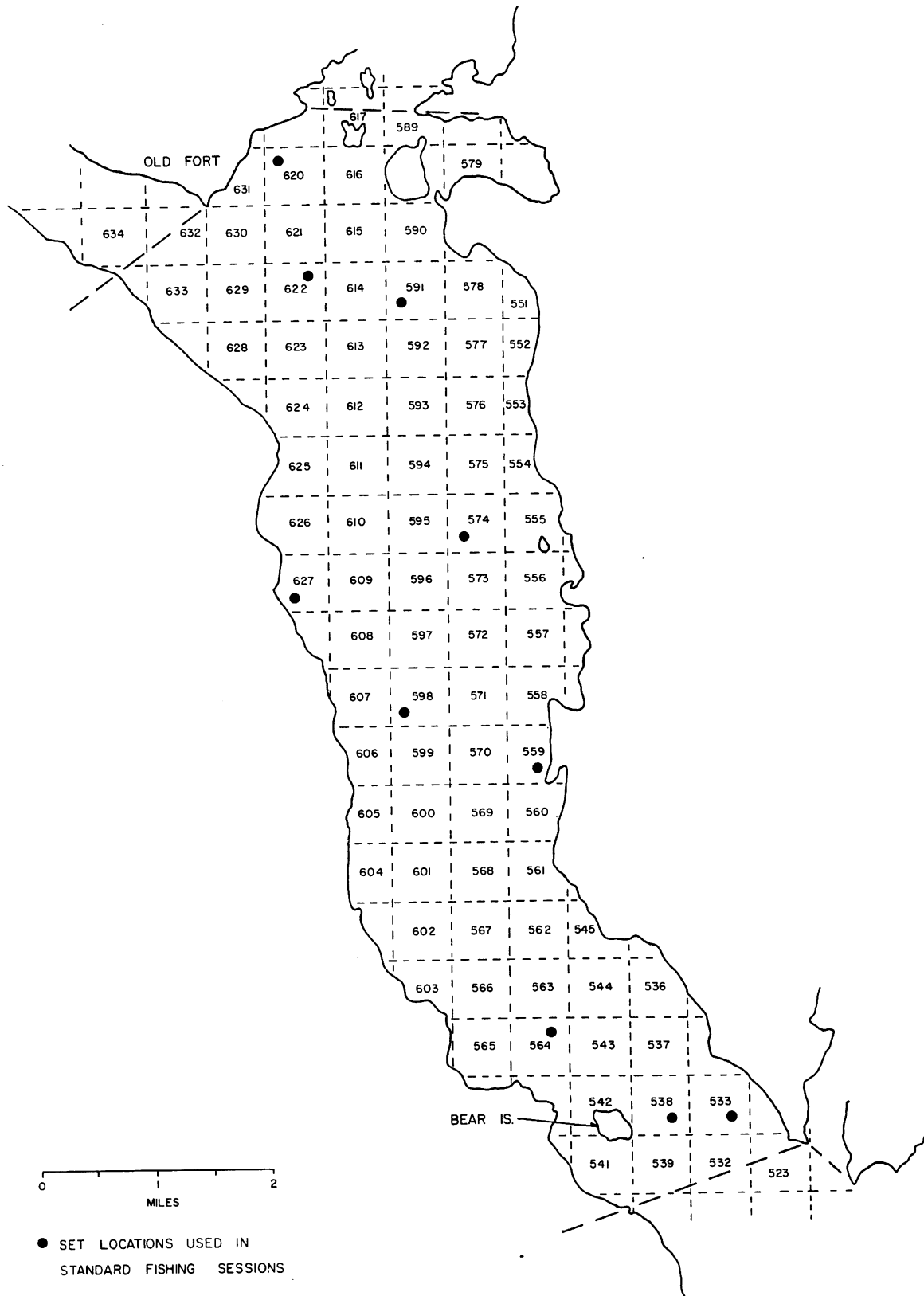


Fig. 2. Area 1: set locations.



### AREA 2

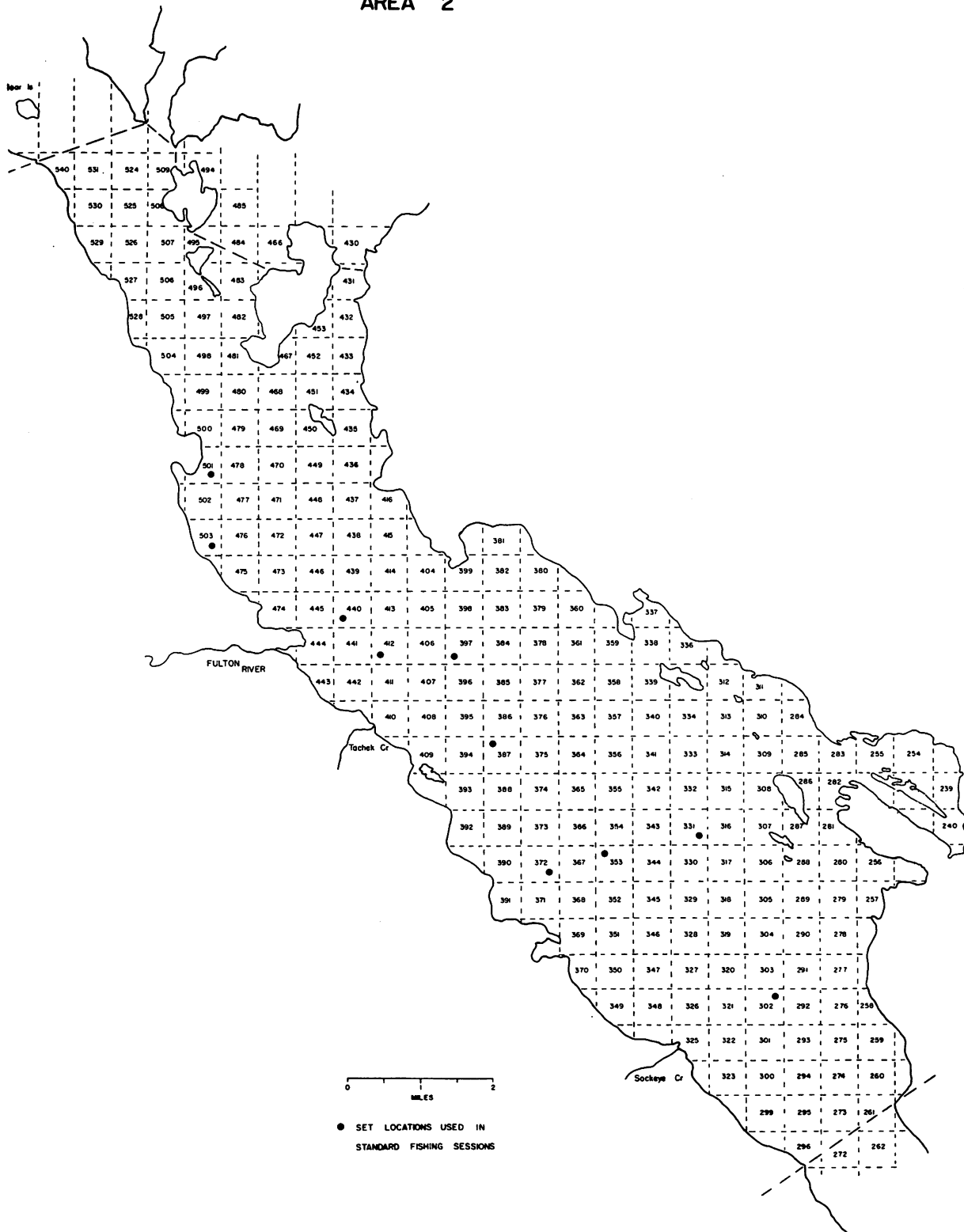


Fig. 3. Area 2: set locations.

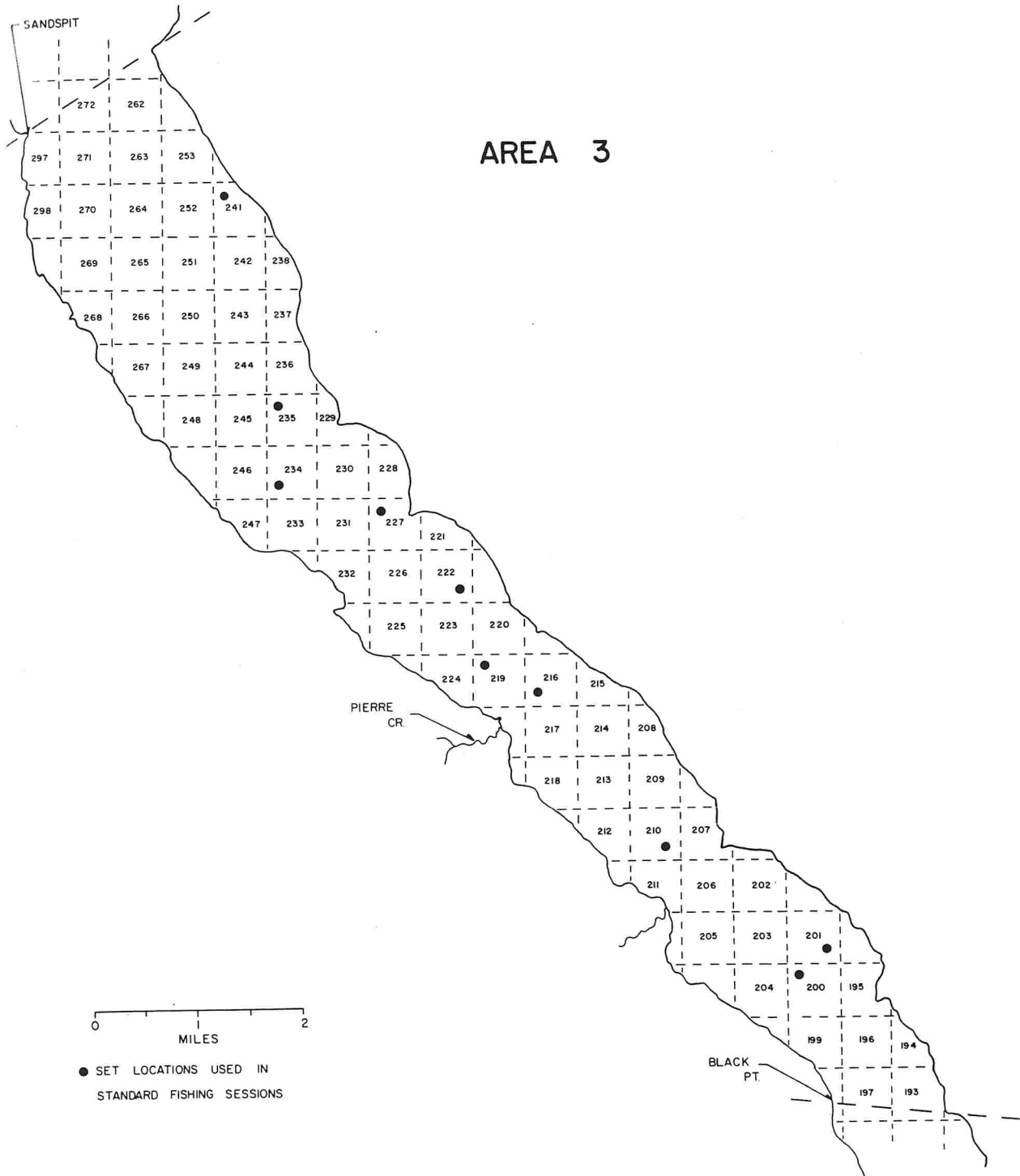


Fig. 4. Area 3: set locations.

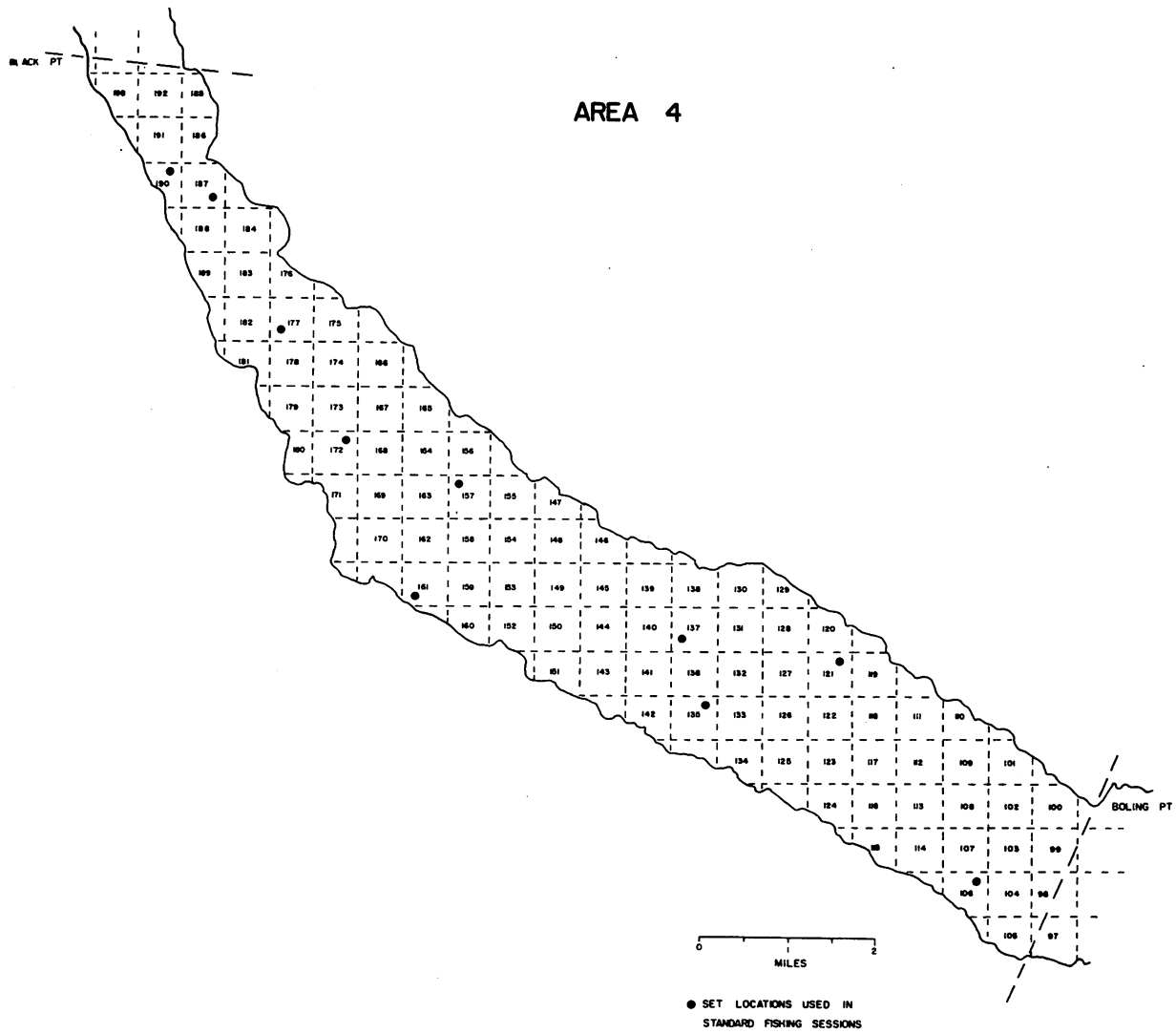


Fig. 5. Area 4: set locations.

# AREA 5

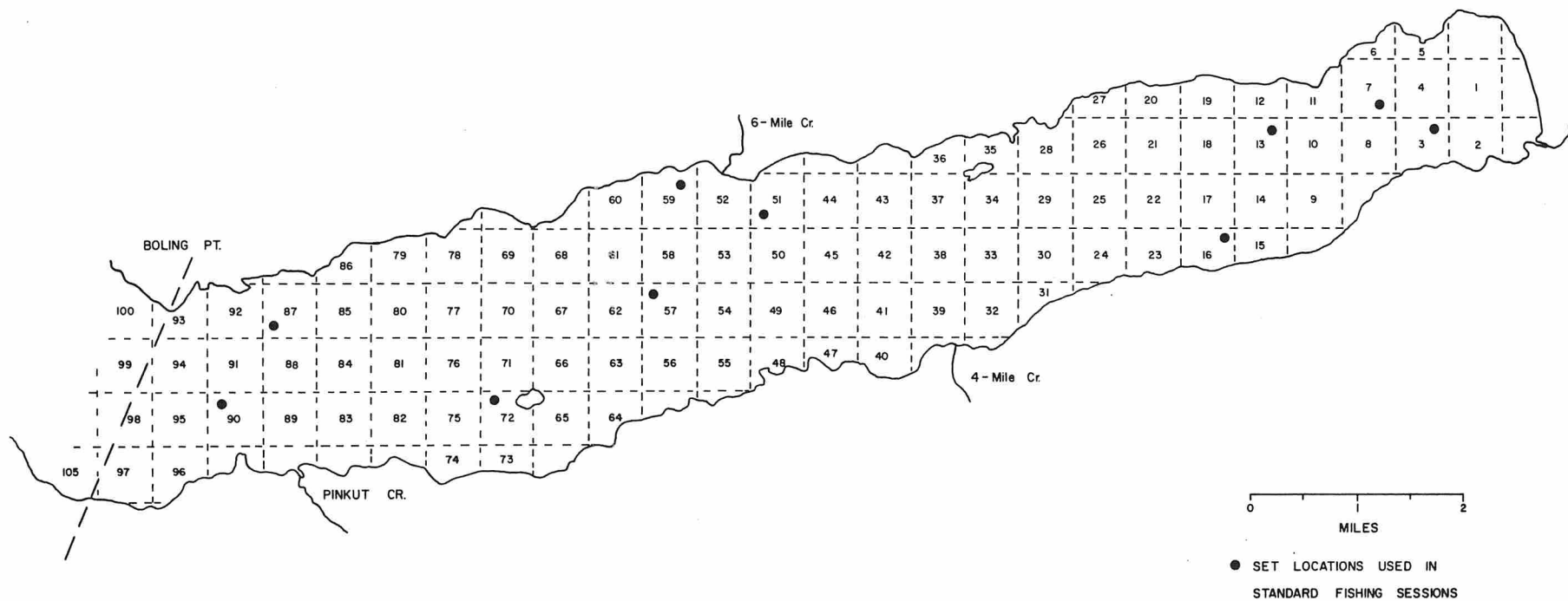


Fig. 6. Area 5: set locations.

### AREA 9 (NORTH ARM)

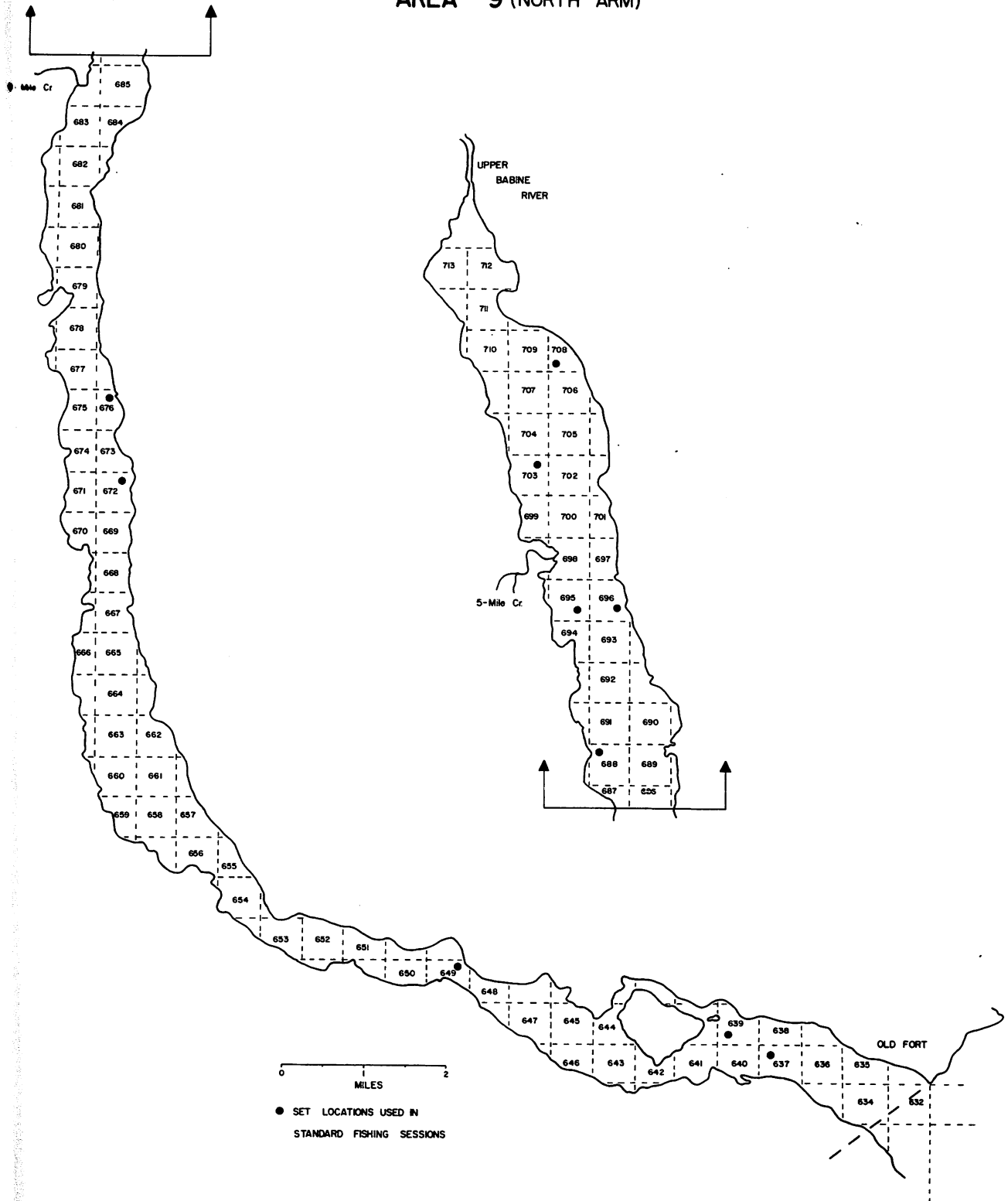


Fig. 7. Area 9: set locations.

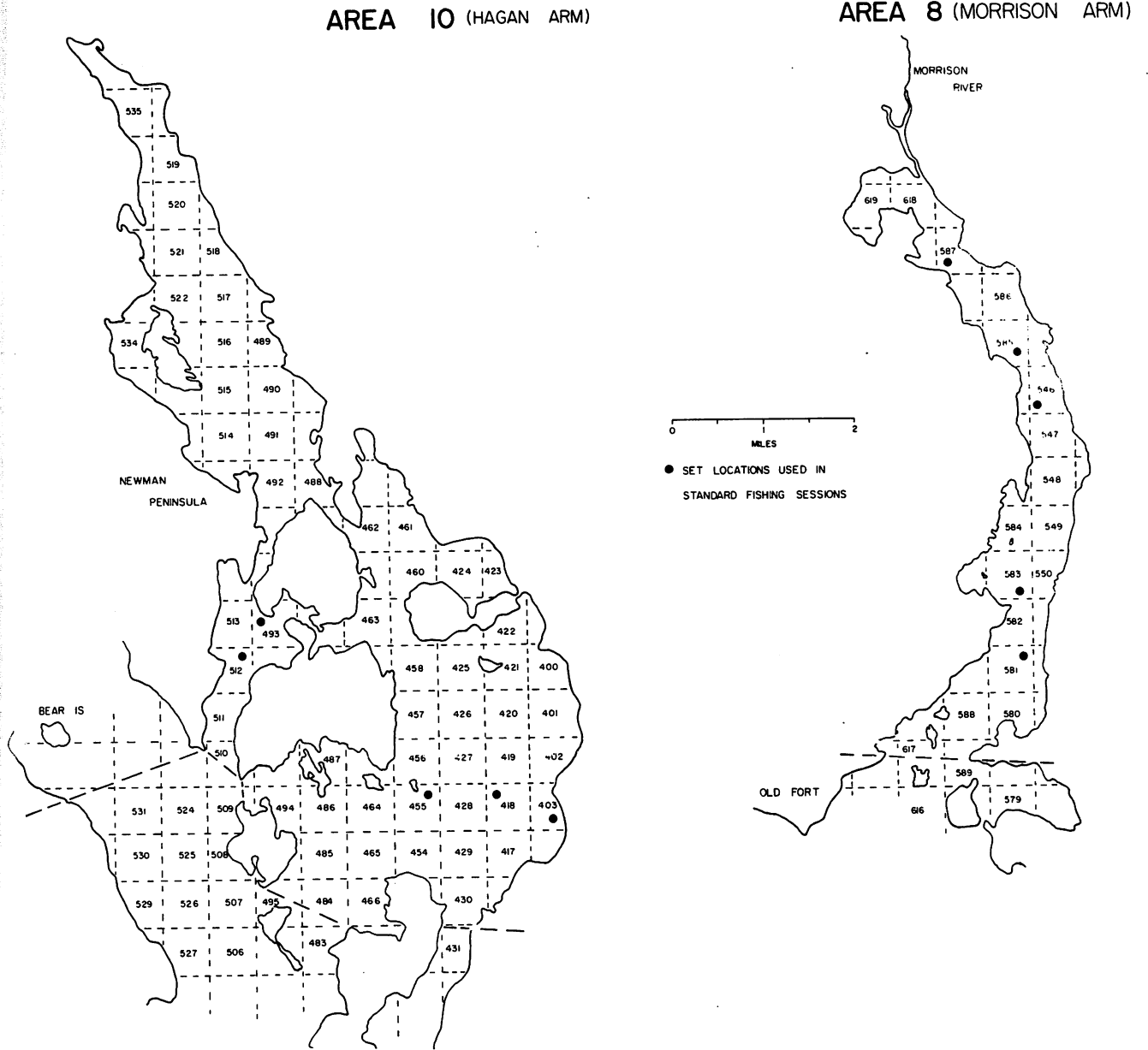


Fig. 8. Areas 8 and 10: set locations.

Table 1. Purse seine catches, 1972: catches of Oncorhynchus nerka.

| Date   | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|--------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|        |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|        |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| May 17 | 1          | 3    | 226      | 22:10 | 4                      | -                            | -    | 62              | -             |
|        | 2          | 3    | 226      | 23:10 | 12                     | -                            | -    | 20              | -             |
| 18     | 3          | 2    | 302      | 00:51 | 7                      | -                            | -    | 8               | -             |
|        | 4          | 2    | 413      | 02:15 | 52                     | 2                            | -    | 20              | -             |
| 21     | 5          | 8    | 585      | 11:48 | -                      | -                            | -    | 360             | -             |
|        | 6          | 8    | 585      | 13:15 | -                      | -                            | -    | 663             | -             |
|        | 7          | 8    | 583      | 15:27 | -                      | -                            | -    | 5               | -             |
|        | 8          | 8    | 583      | 16:13 | -                      | -                            | -    | -               | -             |
|        | 9          | 8    | 588      | 20:06 | -                      | -                            | -    | 3               | -             |
|        | 10         | 8    | 588      | 20:46 | -                      | -                            | -    | 8               | -             |
|        | 24         | 11   | 3        | 226   | 22:11                  | 2                            | -    | -               | 108           |
|        | 12         | 3    | 226      | 22:55 | 11                     | -                            | -    | 26              | -             |
| 25     | 13         | 2    | 302      | 00:19 | 49                     | 1                            | -    | 5               | -             |
|        | 14         | 2    | 413      | 01:47 | 131                    | 3                            | -    | 37              | -             |
| 26     | 15         | 8    | 585      | 10:55 | -                      | -                            | -    | 9               | -             |
|        | 16         | 8    | 585      | 12:30 | -                      | -                            | -    | 1,755           | -             |
|        | 17         | 8    | 583      | 16:03 | -                      | -                            | -    | 216             | -             |
|        | 18         | 8    | 583      | 21:30 | -                      | -                            | -    | 1               | -             |
|        | 19         | 8    | 583      | 22:11 | ?                      | -                            | -    | 8               | -             |

Table 1 (cont'd)

| Date   | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|--------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|        |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|        |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| May 26 | 20         | 8    | 588      | 23:19 | ?                      | -                            | -    | 1               | -             |
|        | 31         | 3    | 226      | 22:34 | 100                    | 4                            | -    | 3               | -             |
| June 1 | 22         | 2    | 302      | 00:06 | 128                    | -                            | -    | 14              | -             |
|        | 23         | 2    | 413      | 01:45 | 226                    | -                            | -    | 22              | -             |
|        | 3          | 24   | 8        | 585   | 18:55                  | 6                            | -    | 91              | -             |
|        | 25         | 8    | 585      | 19:45 | 14                     | -                            | -    | 145             | -             |
|        | 26         | 8    | 585      | 20:45 | 46                     | -                            | -    | 175             | -             |
|        | 27         | 8    | 583      | 22:05 | 191                    | -                            | -    | 78              | -             |
|        | 28         | 8    | 583      | 22:50 | 127                    | -                            | -    | 69              | -             |
|        | 4          | 29   | 8        | 583   | 00:06                  | 3                            | -    | 8               | -             |
|        | 30         | 8    | 583      | 00:45 | 11                     | -                            | -    | 24              | -             |
|        | 7          | 31   | 3        | 226   | 22:31                  | 171                          | -    | 64              | -             |
|        | 8          | 32   | 2        | 302   | 00:06                  | 456                          | 8    | 16              | -             |
|        | 33         | 2    | 413      | 01:25 | 182                    | 2                            | -    | 19              | -             |
|        | 14         | 34   | 3        | 226   | 21:50                  | 246                          | 5    | 102             | -             |
|        | 35         | 2    | 302      | 23:16 | 205                    | 3                            | -    | 70              | -             |
|        | 15         | 36   | 2        | 413   | 00:42                  | 500*<br>(22)                 | -    | 20              | -             |
|        | 37         | 3    | 226      | 22:10 | 149                    | -                            | -    | 47              | -             |



Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Total catch       | Underyearlings (Age 0)       |      | Age 1 and older | Adult sockeye |
|---------|------------|------|----------|-------|-------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       |                   | No. of marked fish recovered |      |                 |               |
|         |            |      |          |       |                   | D.P.                         | R.P. |                 |               |
| June 15 | 38         | 2    | 302      | 23:47 | 325               | 2                            | -    | 33              | -             |
|         | 39         | 2    | 413      | 00:56 | 41                | 1                            | -    | 9               | -             |
| July 7  | 40         | 5    | 3-B      | 22:40 | 2,282             | 6                            | 11   | 15              | -             |
|         | 41         | 5    | 7-D      | 23:28 | 7,500*<br>(1,888) | 18                           | 7    | 63              | -             |
| 8       | 42         | 5    | 13-B     | 00:17 | 1,261             | 6                            | 3    | 16              | -             |
|         | 43         | 5    | 16-B     | 01:10 | 964               | 7                            | 2    | 27              | -             |
|         | 44         | 5    | 51-C     | 02:17 | 1,730             | 15                           | 3    | 130             | -             |
|         | 45         | 5    | 59-B     | 03:08 | 4,774             | 14                           | 5    | 32              | -             |
|         | 46         | 5    | 57-A     | 22:38 | 6,900*<br>(2,758) | 25                           | 11   | 48              | -             |
|         | 47         | 5    | 72-A     | 23:28 | 255               | 3                            | 2    | 27              | -             |
| 9       | 48         | 5    | 87-C     | 00:18 | 359               | 4                            | -    | 68              | -             |
|         | 49         | 5    | 90-A     | 01:10 | 871               | 4                            | 1    | 12              | -             |
|         | 50         | 4    | 106-B    | 02:29 | 1,941             | 10                           | 1    | 26              | -             |
|         | 51         | 4    | 121-B    | 22:45 | 1,142             | 10                           | 5    | 98              | -             |
|         | 52         | 4    | 135-B    | 23:33 | 643               | 4                            | 1    | 39              | -             |
| 10      | 53         | 4    | 137-C    | 00:24 | 442               | 3                            | 2    | 34              | -             |
|         | 54         | 4    | 161-C    | 01:30 | 113               | -                            | -    | 25              | -             |
|         | 55         | 4    | 157-A    | 02:21 | 85                | -                            | -    | 47              | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| July 10 | 56         | 4    | 172-B    | 03:06 | 84                     | 2                            | 3    | 34              | -             |
|         | 57         | 4    | 177-C    | 23:19 | 196                    | 5                            | 1    | 51              | -             |
| 11      | 58         | 4    | 187-D    | 00:04 | 501                    | 4                            | -    | 44              | -             |
|         | 59         | 4    | 190-B    | 00:49 | 488                    | 4                            | -    | 54              | -             |
|         | 60         | 3    | 200-A    | 01:47 | 492                    | 4                            | -    | 61              | -             |
|         | 61         | 3    | 201-D    | 02:33 | 204                    | 2                            | -    | 36              | -             |
|         | 62         | 3    | 210-D    | 22:29 | 927                    | 4                            | 2    | 33              | -             |
|         | 63         | 3    | 216-C    | 23:31 | 301                    | 5                            | -    | 31              | -             |
|         | 64         | 3    | 219-A    | 00:21 | 1,278                  | 6                            | -    | 19              | -             |
| 12      | 65         | 3    | 222-D    | 01:16 | 211                    | -                            | -    | 16              | -             |
|         | 66         | 3    | 227-A    | 01:58 | 129                    | 4                            | -    | 28              | -             |
|         | 67         | 3    | 234-C    | 02:42 | 358                    | 3                            | -    | 8               | -             |
|         | 68         | 3    | 235-A    | 22:32 | 284                    | 2                            | -    | 20              | -             |
|         | 69         | 3    | 241-A    | 23:16 | 25                     | -                            | -    | 7               | -             |
|         | 70         | 2    | 302-B    | 00:12 | 188                    | 5                            | 1    | 22              | -             |
| 13      | 71         | 2    | 331-D    | 01:14 | 49                     | -                            | -    | 14              | -             |
|         | 72         | 2    | 353-A    | 01:59 | 71                     | -                            | -    | 14              | -             |
|         | 73         | 2    | 272-D    | 02:44 | 108                    | 2                            | -    | 16              | -             |
|         | 74         | 2    | 387-A    | 22:29 | 783                    | 8                            | -    | 74              | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| July 13 | 75         | 2    | 397-C    | 23:18 | 177                    | 2                            | -    | 25              | -             |
| 14      | 76         | 2    | 412-C    | 00:04 | 222                    | 4                            | -    | 11              | -             |
|         | 77         | 2    | 440-C    | 00:51 | 82                     | -                            | -    | 12              | -             |
|         | 78         | 2    | 503-D    | 01:43 | 85                     | -                            | -    | 7               | -             |
|         | 79         | 2    | 501-D    | 02:38 | 97                     | -                            | -    | 17              | -             |
|         | 80         | 1    | 533-D    | 22:31 | 43                     | -                            | -    | 221             | -             |
|         | 81         | 1    | 538-D    | 23:13 | 20                     | -                            | -    | 58              | -             |
| 15      | 82         | 1    | 564-B    | 00:08 | 147                    | -                            | -    | 22              | -             |
| 18      | 83         | 1    | 620-A    | 01:03 | 34                     | -                            | -    | 9               | -             |
|         | 84         | 1    | 622-B    | 01:48 | 13                     | -                            | -    | 5               | -             |
|         | 85         | 1    | 591-C    | 02:28 | 23                     | -                            | -    | 17              | -             |
|         | 86         | 1    | 574-C    | 03:12 | 37                     | -                            | -    | 21              | -             |
| 19      | 87         | 1    | 627-C    | 22:19 | 81                     | -                            | -    | 57              | -             |
|         | 88         | 1    | 589-C    | 23:09 | 226                    | 1                            | -    | 60              | -             |
|         | 89         | 1    | 559-D    | 23:43 | 230                    | -                            | -    | 46              | -             |
| 15      | 90         | 10   | 493-A    | 01:44 | 8                      | -                            | -    | 50              | -             |
|         | 91         | 10   | 512-B    | 02:26 | 15                     | -                            | -    | 35              | -             |
| 20      | 92         | 10   | 455-B    | 01:10 | 40                     | -                            | -    | 46              | -             |
|         | 93         | 10   | 418-A    | 01:48 | 22                     | -                            | -    | 22              | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Total catch | Underyearlings (Age 0)       |      | Age 1 and older | Adult sockeye |
|---------|------------|------|----------|-------|-------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       |             | No. of marked fish recovered |      |                 |               |
|         |            |      |          |       |             | D.P.                         | R.P. |                 |               |
| July 20 | 94         | 10   | 403-D    | 02:27 | 21          | -                            | -    | 30              | -             |
| 16      | 95         | 9    | 708-C    | 22:23 | 577         | 1                            | -    | 109             | -             |
|         | 96         | 9    | 703-C    | 23:08 | 545         | -                            | -    | 66              | -             |
| 17      | 97         | 9    | 695-D    | 00:03 | 734         | -                            | -    | 136             | -             |
|         | 98         | 9    | 696-D    | 00:48 | 783         | -                            | -    | 88              | -             |
|         | 99         | 9    | 688-A    | 01:43 | 1,460       | -                            | -    | 65              | -             |
|         | 100        | 9    | 676-B    | 02:50 | 460         | -                            | -    | 75              | -             |
|         | 101        | 9    | 672-B    | 03:35 | 358         | -                            | -    | 29              | -             |
|         | 102        | 9    | 649-B    | 22:23 | 5           | -                            | -    | 11              | -             |
|         | 103        | 9    | 639-C    | 23:22 | 10          | -                            | -    | 3               | -             |
| 18      | 104        | 9    | 637-C    | 00:01 | 35          | -                            | -    | 8               | -             |
| 19      | 105        | 8    | 581-B    | 00:55 | 37          | -                            | -    | 29              | -             |
|         | 106        | 8    | 583-D    | 01:41 | 83          | -                            | -    | 44              | -             |
|         | 107        | 8    | 546-C    | 02:28 | 59          | -                            | -    | 37              | -             |
|         | 108        | 8    | 585-D    | 03:10 | 68          | -                            | -    | 43              | -             |
|         | 109        | 8    | 587-C    | 03:50 | 34          | -                            | -    | 44              | -             |
| Aug. 19 | 110        | 5    | 3-B      | 21:08 | 269         | -                            | -    | 7               | -             |
|         | 111        | 5    | 7-D      | 21:47 | 142         | 3                            | 1    | 7               | -             |
|         | 112        | 5    | 13-B     | 22:26 | 84          | -                            | 1    | 1               | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| Aug. 19 | 113        | 5    | 16-B     | 23:09 | 89                     | -                            | 1    | 6               | -             |
| 20      | 114        | 5    | 51-C     | 00:06 | 16                     | 1                            | -    | 1               | -             |
|         | 115        | 5    | 59-B     | 00:45 | 190                    | 1                            | -    | 3               | -             |
|         | 116        | 5    | 57-A     | 01:31 | 595                    | 3                            | 2    | 6               | -             |
|         | 117        | 5    | 72-A     | 02:23 | 417                    | 4                            | 2    | 36              | -             |
|         | 118        | 5    | 87-C     | 03:10 | 242                    | 3                            | -    | 5               | -             |
|         | 119        | 5    | 90-A     | 03:57 | 791                    | 5                            | 4    | 86              | 6             |
|         | 120        | 4    | 106-B    | 21:04 | 1,168                  | 6                            | 4    | 16              | -             |
|         | 121        | 4    | 121-B    | 22:00 | 701                    | 2                            | 2    | 16              | -             |
|         | 122        | 4    | 135-B    | 22:43 | 176                    | -                            | -    | 13              | 2             |
|         | 123        | 4    | 137-C    | 23:24 | 360                    | 5                            | -    | 8               | -             |
| 21      | 124        | 4    | 161-C    | 00:25 | 124                    | 1                            | -    | 22              | 1             |
|         | 125        | 4    | 157-A    | 01:08 | 1,025                  | 3                            | 3    | 31              | -             |
|         | 126        | 4    | 172-B    | 01:53 | 309                    | 2                            | 2    | 11              | 1             |
|         | 127        | 4    | 177-C    | 02:40 | 564                    | 1                            | 1    | 9               | -             |
|         | 128        | 4    | 187-D    | 03:24 | 856                    | -                            | 3    | 6               | 1             |
|         | 129        | 4    | 190-B    | 04:13 | 1,115                  | 5                            | 1    | -               | -             |
|         | 130        | 3    | 200-A    | 21:05 | 387                    | 2                            | -    | 2               | -             |
|         | 131        | 3    | 201-D    | 21:41 | 90                     | 1                            | 1    | -               | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| Aug. 21 | 132        | 3    | 210-D    | 22:28 | 101                    | 1                            | -    | -               | -             |
|         | 133        | 3    | 216-C    | 21:06 | 347                    | 4                            | 3    | 9               | -             |
|         | 134        | 3    | 219-A    | 21:44 | 114                    | 1                            | -    | 1               | -             |
|         | 135        | 3    | 222-D    | 22:24 | 102                    | -                            | -    | -               | -             |
|         | 136        | 3    | 227-A    | 23:08 | 80                     | -                            | -    | 1               | -             |
|         | 137        | 3    | 234-C    | 23:53 | 55                     | -                            | -    | -               | 1             |
|         | 138        | 3    | 235-A    | 00:30 | 145                    | 1                            | -    | -               | -             |
|         | 139        | 3    | 241-A    | 01:19 | 109                    | -                            | 1    | -               | -             |
| 23      | 140        | 2    | 302-B    | 02:22 | 104                    | 1                            | -    | -               | -             |
|         | 141        | 2    | 331-D    | 03:12 | 172                    | 2                            | 1    | 3               | -             |
|         | 142        | 2    | 353-A    | 03:53 | 107                    | 1                            | 1    | 2               | -             |
|         | 143        | 2    | 372-D    | 04:35 | 71                     | -                            | -    | 7               | 4             |
|         | 144        | 2    | 387-A    | 21:01 | 637                    | 4                            | 2    | 1               | -             |
|         | 145        | 2    | 397-C    | 21:43 | 603                    | 3                            | 3    | 6               | 1             |
|         | 146        | 2    | 412-C    | 22:21 | 227                    | 1                            | -    | 4               | -             |
|         | 147        | 2    | 440-C    | 23:02 | 282                    | 1                            | -    | 9               | 4             |
|         | 148        | 2    | 503-D    | 23:48 | 456                    | 2                            | 3    | 18              | -             |
| 24      | 149        | 2    | 501-D    | 00:31 | 959                    | 11                           | 2    | 9               | 3             |
|         | 150        | 1    | 533-D    | 01:38 | 72                     | -                            | -    | 7               | 2             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |   |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|---|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |   | Age 1 and older | Adult sockeye |
|         |            |      |          |       | D.P.                   | R.P.                         |   |                 |               |
| Aug. 24 | 151        | 1    | 538-D    | 02:19 | 795                    | 7                            | 3 | 27              | -             |
|         | 152        | 1    | 564-B    | 03:07 | 1,020                  | 3                            | - | 39              | 2             |
|         | 153        | 1    | 559-D    | 03:56 | 194                    | 2                            | - | 3               | 2             |
|         | 154        | 1    | 598-C    | 20:59 | 2,072                  | 10                           | 4 | 33              | 2             |
|         | 155        | 1    | 627-C    | 21:53 | 515                    | 1                            | - | 8               | 2             |
|         | 156        | 1    | 574-C    | 22:40 | 230                    | 1                            | - | 1               | -             |
|         | 157        | 1    | 591-C    | 23:20 | 326                    | 2                            | - | 5               | -             |
|         | 158        | 1    | 622-B    | 23:59 | 157                    | 1                            | - | 8               | -             |
| 25      | 159        | 1    | 620-A    | 00:45 | 1,172                  | 7                            | - | 17              | -             |
|         | 160        | 9    | 637-C    | 01:43 | 451                    | 2                            | - | 12              | 3             |
|         | 161        | 9    | 639-C    | 02:21 | 756                    | 6                            | 1 | 25              | -             |
|         | 162        | 9    | 649-C    | 03:23 | 108                    | 1                            | - | 15              | 2             |
|         | 163        | 9    | 708-C    | 21:13 | 410                    | -                            | - | 11              | 9             |
|         | 164        | 9    | 703-C    | 21:58 | 644                    | -                            | - | 4               | 10            |
|         | 165        | 9    | 695-D    | 22:48 | 550                    | -                            | 1 | 3               | 1             |
| 26      | 166        | 9    | 696-D    | 23:24 | 659                    | -                            | - | -               | 4             |
|         | 167        | 9    | 688-A    | 00:12 | 6,500*<br>(1,042)      | -                            | - | -               | 1             |
|         | 168        | 9    | 676-B    | 01:24 | 169                    | -                            | - | 8               | 3             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |   |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|---|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |   |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |   |
| Aug. 26 | 169        | 9    | 672-B    | 02:08 | 722                    | -                            | -    | 5               | 6             |   |
|         | 170        | 8    | 581-B    | 04:36 | 23                     | -                            | -    | 7               | -             |   |
|         | 171        | 8    | 587-C    | 20:45 | 99                     | -                            | -    | 30              | 1             |   |
|         | 172        | 8    | 585-D    | 21:29 | 76                     | -                            | -    | 24              | -             |   |
|         | 173        | 8    | 546-C    | 22:10 | 54                     | -                            | -    | 6               | -             |   |
|         | 174        | 8    | 583-D    | 22:55 | 24                     | 1                            | -    | 17              | -             |   |
|         | 27         | 175  | 10       | 493-A | 00:58                  | 47                           | 2    | -               | 13            | - |
|         |            | 176  | 10       | 512-B | 01:33                  | 26                           | -    | -               | 42            | - |
|         |            | 177  | 10       | 455-B | 02:28                  | 87                           | 1    | -               | 4             | - |
|         |            | 178  | 10       | 418-A | 03:16                  | 66                           | -    | -               | -             | - |
| 179     |            | 10   | 403-D    | 03:50 | 46                     | -                            | -    | 2               | 1             |   |
| Oct. 6  | 180        | 5    | 3-B      | 19:35 | 161                    | 1                            | -    | 2               | -             |   |
|         | 7          | 181  | 5        | 7-D   | 00:22                  | 54                           | -    | -               | 2             | - |
|         |            | 182  | 5        | 13-B  | 19:02                  | 1,864                        | 6    | 8               | 6             | - |
|         |            | 183  | 5        | 16-B  | 19:52                  | 93                           | 1    | 1               | -             | - |
|         |            | 184  | 5        | 51-C  | 21:09                  | 8                            | 1    | -               | -             | - |
|         |            | 185  | 5        | 59-B  | 21:45                  | 47                           | -    | -               | -             | - |
|         |            | 186  | 5        | 57-A  | 22:29                  | 54                           | -    | -               | 3             | 1 |



Table 1 (cont'd)

| Date   | Set number | Area | Location | Time  | Total catch | Underyearlings (Age 0)       |      | Age 1 and older | Adult sockeye |
|--------|------------|------|----------|-------|-------------|------------------------------|------|-----------------|---------------|
|        |            |      |          |       |             | No. of marked fish recovered |      |                 |               |
|        |            |      |          |       |             | D.P.                         | R.P. |                 |               |
| Oct. 7 | 187        | 5    | 72-A     | 23:25 | 58          | -                            | -    | 1               | -             |
| 8      | 188        | 5    | 87-C     | 00:18 | 66          | 1                            | -    | 9               | -             |
|        | 189        | 5    | 90-A     | 01:09 | 100         | -                            | -    | 7               | -             |
|        | 190        | 4    | 106-B    | 19:15 | 202         | 1                            | -    | 6               | -             |
|        | 191        | 4    | 121-B    | 20:15 | 72          | -                            | -    | -               | -             |
|        | 192        | 4    | 135-B    | 22:20 | 76          | -                            | -    | 5               | -             |
|        | 193        | 4    | 137-C    | 23:07 | 89          | -                            | -    | 2               | -             |
| 9      | 194        | 4    | 161-C    | 00:10 | 182         | -                            | 1    | 2               | -             |
|        | 195        | 4    | 157-A    | 01:01 | 249         | 1                            | -    | 1               | -             |
| 10     | 196        | 4    | 172-B    | 19:24 | 382         | -                            | 2    | 1               | -             |
|        | 197        | 4    | 177-C    | 20:12 | 213         | -                            | -    | -               | -             |
|        | 198        | 4    | 187-D    | 20:56 | 31          | 1                            | -    | -               | -             |
|        | 199        | 4    | 190-B    | 21:38 | 34          | -                            | -    | -               | -             |
|        | 200        | 3    | 200-A    | 22:35 | 54          | -                            | -    | 2               | -             |
|        | 201        | 3    | 201-D    | 23:20 | 68          | -                            | -    | 1               | -             |
| 11     | 202        | 3    | 210-D    | 00:20 | 102         | 2                            | 1    | 1               | 1             |
|        | 203        | 3    | 216-C    | 01:16 | 38          | -                            | -    | 5               | -             |
|        | 204        | 3    | 219-A    | 02:01 | 45          | -                            | -    | 4               | -             |
|        | 205        | 3    | 222-D    | 02:59 | 24          | -                            | -    | 7               | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |   |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|---|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |   |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |   |
| Oct. 11 | 206        | 3    | 227-A    | 03:52 | 50                     | -                            | -    | 4               | -             |   |
|         | 207        | 3    | 234-C    | 04:25 | 42                     | -                            | -    | 7               | -             |   |
|         | 208        | 3    | 235-A    | 05:22 | 70                     | -                            | -    | 4               | -             |   |
|         | 209        | 3    | 241-A    | 06:17 | 69                     | -                            | -    | -               | -             |   |
|         | 210        | 2    | 302-B    | 19:21 | 894                    | 4                            | 7    | 1               | -             |   |
|         | 211        | 2    | 331-D    | 20:18 | 137                    | -                            | -    | 1               | -             |   |
|         | 212        | 2    | 253-A    | 20:58 | 98                     | -                            | -    | 2               | -             |   |
|         | 213        | 2    | 272-D    | 21:44 | 16                     | -                            | -    | -               | -             |   |
|         | 214        | 2    | 387-A    | 22:44 | 58                     | -                            | -    | -               | -             |   |
|         | 215        | 2    | 397-C    | 23:30 | 80                     | -                            | -    | -               | -             |   |
|         | 12         | 216  | 2        | 412-C | 00:13                  | 39                           | -    | -               | 1             | - |
|         |            | 217  | 2        | 440-C | 01:02                  | 56                           | -    | -               | -             | - |
|         |            | 218  | 2        | 503-D | 01:55                  | 34                           | -    | -               | -             | - |
|         |            | 219  | 2        | 501-D | 02:45                  | 71                           | -    | -               | -             | - |
|         |            | 220  | 1        | 533-D | 23:25                  | 70                           | -    | -               | -             | - |
| 13      | 221        | 1    | 538-D    | 18:58 | 4,441                  | 23                           | 11   | 14              | -             |   |
|         | 222        | 1    | 564-B    | 19:58 | 154                    | 1                            | -    | 2               | -             |   |
|         | 223        | 1    | 559-D    | 20:48 | 67                     | -                            | -    | 1               | -             |   |
|         | 224        | 1    | 598-C    | 21:29 | 41                     | -                            | -    | 1               | -             |   |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| Oct. 13 | 225        | 1    | 627-C    | 22:17 | 17                     | -                            | -    | 1               | -             |
|         | 226        | 1    | 574-C    | 23:00 | 19                     | -                            | -    | -               | -             |
| 16      | 227        | 1    | 591-C    | 22:25 | 164                    | -                            | -    | 4               | -             |
|         | 228        | 1    | 622-B    | 21:48 | 217                    | 3                            | 1    | 6               | -             |
|         | 229        | 1    | 620-A    | 21:00 | 44                     | 2                            | -    | 4               | -             |
| 15      | 230        | 9    | 708-C    | 18:37 | 8,500*<br>(487)        | -                            | -    | -               | -             |
|         | 231        | 9    | 703-C    | 19:24 | 298                    | -                            | -    | -               | -             |
|         | 232        | 9    | 695-D    | 20:09 | 519                    | -                            | -    | 1               | -             |
|         | 233        | 9    | 696-D    | 20:44 | 1,392                  | -                            | 1    | 1               | -             |
|         | 234        | 9    | 688-A    | 21:31 | 346                    | -                            | 1    | -               | -             |
|         | 235        | 9    | 676-B    | 22:29 | 447                    | -                            | -    | -               | -             |
|         | 236        | 9    | 672-B    | 23:22 | 295                    | -                            | 1    | 3               | -             |
| 16      | 237        | 9    | 649-C    | 18:36 | 457                    | -                            | -    | 17              | -             |
|         | 238        | 9    | 639-C    | 19:34 | 165                    | -                            | 1    | 23              | -             |
|         | 239        | 9    | 637-C    | 20:11 | 33                     | -                            | -    | 26              | -             |
| 12      | 240        | 10   | 455-B    | 19:18 | 379                    | 1                            | 1    | 20              | -             |
|         | 241        | 10   | 418-A    | 19:57 | 118                    | 1                            | 1    | 3               | -             |
|         | 242        | 10   | 403-D    | 20:37 | 35                     | -                            | -    | 4               | -             |

Table 1 (cont'd)

| Date    | Set number | Area | Location | Time  | Underyearlings (Age 0) |                              |      |                 |               |
|---------|------------|------|----------|-------|------------------------|------------------------------|------|-----------------|---------------|
|         |            |      |          |       | Total catch            | No. of marked fish recovered |      | Age 1 and older | Adult sockeye |
|         |            |      |          |       |                        | D.P.                         | R.P. |                 |               |
| Oct. 12 | 243        | 10   | 493-A    | 21:51 | 26                     | -                            | -    | 3               | -             |
|         | 244        | 10   | 512-B    | 22:31 | 32                     | -                            | 1    | 9               | -             |
| 14      | 245        | 8    | 587-C    | 18:48 | 480                    | 1                            | -    | -               | -             |
|         | 246        | 8    | 585-D    | 19:31 | 123                    | -                            | -    | 62              | -             |
|         | 247        | 8    | 546-C    | 20:15 | 63                     | -                            | -    | 18              | -             |
|         | 248        | 8    | 583-D    | 21:07 | 30                     | -                            | -    | 15              | -             |
|         | 249        | 8    | 581-B    | 21:48 | 27                     | -                            | 1    | 4               | -             |

\*Estimated catch

Table 2. Purse seine catches, 1972: species other than Oncorhynchus nerka.

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 1          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 2          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 3          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 4          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 5          | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 6          | -             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 7          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 8          | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 9          | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 10         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 11         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 12         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 13         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 14         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 15         | -             | -          | -         | 5         | -        | -              | -       | -    | -         | -             |
| 16         | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 17         | -             | -          | -         | 9         | -        | -              | -       | -    | -         | -             |
| 18         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 19         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 20         | -             | -          | 1         | -         | -        | -              | -       | -    | -         | -             |
| 21         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 2          | 1         | 19        | 0        | 0              | 0       | 0    | 0         | 0             |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 22         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 23         | -             | -          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 24         | -             | -          | -         | 6         | -        | -              | -       | -    | -         | -             |
| 25         | -             | -          | -         | 20        | 1        | -              | -       | -    | -         | -             |
| 26         | -             | -          | -         | 15        | 1        | -              | -       | -    | -         | -             |
| 27         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 28         | -             | -          | -         | 3         | -        | -              | -       | -    | -         | -             |
| 29         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 30         | -             | -          | 1         | 1         | -        | -              | -       | -    | -         | -             |
| 31         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 32         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 33         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 34         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 35         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 36         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 37         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 38         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 39         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 40         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 41         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 42         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 0          | 1         | 45        | 3        | 6              | 0       | 0    | 0         | 0             |

Table 2 (cont'd)

| Set number | Juvenile Coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 43         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 44         | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 45         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 46         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 47         | -             | -          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 48         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 49         | 1             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 50         | 2             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 51         | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 52         | 1             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 53         | 1             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 54         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 55         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 56         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 57         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 58         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 59         | 2             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 60         | -             | -          | 2         | -         | -        | -              | -       | -    | -         | -             |
| 61         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 62         | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 63         | -             | 3          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 7             | 8          | 2         | 1         | 1        | 0              | 0       | 0    | 0         | 0             |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 64         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 65         | -             | 1          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 66         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 67         | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 68         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 69         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 70         | 1             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 71         | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 72         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 73         | 1             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 74         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 75         | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 76         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 77         | 1             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 78         | 2             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 79         | -             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 80         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 81         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 82         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 83         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 84         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 5             | 5          | 0         | 10        | 0        | 0              | 0       | 0    | 0         | 0             |



Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 85         | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 86         | -             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 87         | -             | 2          | -         | 4         | -        | -              | -       | -    | -         | -             |
| 88         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 89         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 90         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 91         | 4             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 92         | -             | -          | -         | 3         | -        | -              | -       | -    | -         | -             |
| 93         | -             | -          | -         | 2         | -        | -              | -       | -    | -         | -             |
| 94         | -             | -          | -         | 4         | -        | -              | -       | -    | -         | -             |
| 95         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 96         | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 97         | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 98         | -             | 4          | -         | -         | -        | -              | -       | -    | -         | -             |
| 99         | -             | -          | -         | -         | -        | -              | -       | -    | 3         | -             |
| 100        | -             | -          | 1         | 2         | -        | -              | -       | -    | -         | 1             |
| 101        | -             | -          | 3         | 6         | -        | 1              | -       | -    | -         | -             |
| 102        | -             | -          | 1         | 7         | -        | -              | -       | -    | -         | -             |
| 103        | -             | 1          | 2         | 2         | -        | -              | -       | -    | -         | -             |
| 104        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 105        | -             | -          | -         | 1         | -        | 9              | -       | -    | -         | -             |
|            | 4             | 8          | 7         | 34        | 0        | 10             | 0       | 0    | 3         | 1             |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 106        | -             | -          | 1         | 1         | -        | -              | -       | -    | -         | -             |
| 107        | -             | -          | 2         | -         | -        | 2              | 1       | -    | -         | 2             |
| 108        | -             | -          | -         | -         | -        | 2              | -       | -    | -         | 10            |
| 109        | -             | -          | -         | -         | -        | 3              | -       | -    | -         | 5             |
| 110        | -             | 3          | -         | -         | -        | -              | -       | -    | -         | -             |
| 111        | -             | 5          | -         | -         | -        | -              | -       | -    | -         | -             |
| 112        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 113        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 114        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 115        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 116        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 117        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 118        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 119        | -             | 1          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 120        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 121        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 122        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 123        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 124        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 125        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 126        | -             | 3          | 1         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 23         | 4         | 1         | 1        | 7              | 1       | 0    | 0         | 17            |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 127        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 128        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 129        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 130        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 131        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 132        | -             | -          | -         | -         | -        | -              | -       | -    | -         | 2             |
| 133        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 134        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 135        | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 136        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 137        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 138        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 139        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 140        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 141        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 142        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 143        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 144        | -             | -          | -         | -         | 1        | -              | -       | -    | -         | 1             |
| 145        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 146        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 147        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 16         | 0         | 1         | 1        | 0              | 0       | 0    | 0         | 3             |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 148        | -             | -          | -         | -         | -        | 1              | -       | -    | 2         | 59            |
| 149        | -             | -          | -         | -         | -        | 17             | -       | -    | -         | -             |
| 150        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 151        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 152        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 153        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 154        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 155        | -             | 1          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 156        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 157        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 158        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 159        | -             | 2          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 160        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 161        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 162        | -             | 3          | -         | -         | -        | 2              | -       | -    | -         | -             |
| 163        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 164        | -             | -          | -         | -         | -        | 1              | -       | -    | -         | -             |
| 165        | -             | 4          | -         | -         | -        | -              | -       | -    | -         | -             |
| 166        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 167        | -             | -          | -         | -         | -        | -              | -       | -    | 2         | -             |
| 168        | -             | -          | -         | 2         | -        | -              | -       | -    | 3         | -             |
|            | 0             | 20         | 0         | 2         | 2        | 21             | 0       | 0    | 7         | 59            |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 169        | -             | -          | -         | 2         | -        | 2              | -       | -    | 4         | -             |
| 170        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 171        | -             | -          | -         | -         | -        | -              | -       | -    | 5         | 1             |
| 172        | -             | 1          | -         | -         | -        | 2              | -       | -    | 5         | 26            |
| 173        | -             | 1          | -         | 2         | 3        | 1              | -       | -    | 4         | 41            |
| 174        | -             | 1          | -         | 1         | 1        | -              | -       | -    | -         | 11            |
| 175        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 176        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 177        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 178        | -             | -          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 179        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 180        | -             | 2          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 181        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 182        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 183        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 184        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 185        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 186        | -             | 1          | 1         | -         | -        | -              | -       | -    | -         | -             |
| 187        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 188        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 11         | 1         | 6         | 5        | 5              | 0       | 0    | 18        | 79            |

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 189        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 190        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 191        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 192        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 193        | -             | 4          | -         | -         | -        | -              | -       | -    | -         | -             |
| 194        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 195        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 196        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 197        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 198        | -             | 2          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 199        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 200        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 201        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 202        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 203        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 204        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 205        | -             | -          | -         | -         | -        | -              | -       | 1    | -         | -             |
| 206        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 207        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 208        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 209        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 0             | 10         | 0         | 0         | 1        | 0              | 0       | 1    | 0         | 0             |

APPENDIX 3 (cont'd)

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 210        | -             | 3          | -         | -         | -        | -              | -       | -    | -         | -             |
| 211        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 212        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 213        | -             | 1          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 214        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 215        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 216        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 217        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 218        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 219        | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 220        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 221        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 222        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 223        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 224        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 225        | 1             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 226        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 227        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 228        | -             | -          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 229        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 230        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 1             | 10         | 0         | 1         | 2        | 0              | 0       | 0    | 0         | 0             |

Table 2 (cont'd)

Table 2 (cont'd)

| Set number | Juvenile coho | Trout R.T. | Char L.T. | Whitefish | Sculpins | Redside shiner | Suckers | Ling | Squawfish | Peamouth chub |
|------------|---------------|------------|-----------|-----------|----------|----------------|---------|------|-----------|---------------|
| 231        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 232        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 233        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 234        | -             | -          | 1         | -         | -        | -              | -       | -    | -         | -             |
| 235        | -             | 2          | -         | -         | -        | -              | -       | -    | -         | -             |
| 236        | -             | -          | -         | -         | 1        | -              | -       | -    | -         | -             |
| 237        | -             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 238        | -             | -          | -         | 1         | -        | -              | -       | -    | -         | -             |
| 239        | -             | -          | -         | -         | 2        | -              | -       | -    | -         | -             |
| 240        | 1             | 1          | -         | -         | -        | -              | -       | -    | -         | -             |
| 241        | 2             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 242        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 243        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 244        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 245        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
| 246        | -             | -          | -         | 1         | -        | -              | -       | -    | 3         | 2             |
| 247        | -             | -          | -         | -         | 2        | -              | -       | -    | 1         | -             |
| 248        | -             | -          | -         | -         | 9        | 1              | -       | -    | -         | 2             |
| 249        | -             | -          | -         | -         | -        | -              | -       | -    | -         | -             |
|            | 3             | 8          | 1         | 2         | 14       | 1              | 0       | 0    | 4         | 4             |