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In 1960 two cruises were made in the ICNAF Area with a chartered trawler, mainly for the location of redfish. A total of about 2000 redfish otoliths from the Newfoundland area were collected for age determination and another 4400 were measured with regard to length and sexual maturity. From West Greenland about 700 redfish otoliths were collected and 750 were measured for length and sexual maturity.

In these cruises some cod were also caught and a total of 758 otoliths were secured for age determination, and the results of these are shown in Table 1.

The sample from West Greenland in September shows a predominance of the 1953- and 1947- year-classes, which is in accordance with the age distribution in previous years.

The two Newfoundland samples listed in Table 1 are both from the Sundall bank. The sample from the beginning of July shows a dominance of the 1952-, 1953- and 1954- year-classes, and the last two were also found dominating in some of our samples from this area in 1959.

The sample from September shows a greater dominance of small fish, mainly the year-classes from 1953, 1954, 1955 and 1956.

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Table 1

| Age Groups | West Greenland 66°25'N - 54°50'W 7th Sept. | | Newfoundland Sundall Area | | | |
|-----------------------------|--|------|------------------------------|------|------------|------|
| | % | cm | 2nd July | | 14th Sept. | |
| | | | % | cm | % | cm |
| 3 | | | 0.6 | 37.0 | 7.0 | 40.5 |
| 4 | 0.6 | 60.0 | 8.0 | 41.2 | 13.1 | 48.1 |
| 5 | 5.3 | 64.0 | 4.6 | 47.9 | 21.1 | 55.0 |
| 6 | 7.0 | 69.4 | 12.6 | 50.7 | 15.6 | 58.5 |
| 7 | 28.2 | 74.5 | 17.1 | 55.2 | 14.6 | 63.1 |
| 8 | 8.8 | 79.5 | 17.1 | 57.6 | 7.0 | 64.1 |
| 9 | 7.0 | 79.0 | 10.3 | 62.7 | 4.0 | 62.4 |
| 10 | 10.6 | 82.2 | 12.0 | 62.0 | 5.5 | 66.7 |
| 11 | 2.4 | 83.8 | 5.1 | 61.6 | 1.5 | 71.3 |
| 12 | 9.4 | 82.9 | 3.4 | 64.8 | 3.0 | 75.0 |
| 13 | 15.9 | 84.6 | 4.0 | 69.4 | 1.0 | 60.5 |
| 14 | 2.4 | 83.5 | 2.9 | 70.2 | 1.0 | 79.5 |
| 15 | 1.2 | 84.0 | 2.3 | 67.5 | | |
| 16 | | | | | | |
| 17 | 0.6 | 85.0 | | | 0.5 | 73.0 |
| No. of fish investigated | 170 | | 175 | | 199 | |