
Anonymous

Undated.

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This is the third report in a series on a cooperative study of the Maine herring fishery.

This report deals principally with statistics.

Proper accuracy is essential.

Good statistics provide an abundance index.

Such an index may be obtained through the study of the fungus infection.

Assistance was provided by a number of people.

The statistics were collected in a certain manner.

They are 99.0% complete for the catch for which we have records.

They were obtained through the inspectors, cannery operators, sardine boat captains, in that order of availability.

The statistical system was changed to use key sort cards in 1949.

The new system was an improvement but still required checking against factory records.

The 1949 data are complete for 99.9% of the records available.

The lobster fishery is large and uses a large amount of bait.

Lobster? most herring used for lobster bait is probably bought from?

The statistical data do not show the amount used for lobster bait, but probably show statistical trends accurately.
The amount of herring used for lobster bait is obtained by estimating the total quantity of bait required and deducting the amount available from other sources.

The amount of herring used for lobster bait runs from 15 to 20% of the total herring catch.

The amount of herring used for lobster bait will vary inversely with the amount of rosefish carcasses available. The statistics collected by the Canadian Department of Fisheries are adequate.

The catch in Canada has fluctuated in recent years.

Most of this catch is exported to the United States.

However, there are few imports of herring from the North Upperland Strait area which may make the total imports greater than the total Canadian production in the Bay of Fundy.

The statistical areas have been changed slightly since the report on the 1947 season.
Certain symbols are used to show the location and operation of the weir during 1947, 1948, and 1949. The data permit a comparison of the seasonal trends for each locality.

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For each area, the statistics are discussed to show the gear in operation, the trends in the seasonal catch, the relative success of the kinds of gear, the peaks in the season for 1948 and 1949.