

A Bibliography of Parasites and Diseases of Fishes of Canada: 1879-1969

by L. Margolis

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FISHERIES RESEARCH BOARD OF CANADA

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A BIBLIOGRAPHY OF PARASITES AND DISEASES
OF FISHES OF CANADA: 1879-1969

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FISHERIES RESEARCH BOARD OF CANADA

Biological Station, Nanaimo, B. C.

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Introduction

The first paper to be concerned with parasites of Canadian fishes was published in 1879 by Prof. R. Ramsay Wright of the University of Toronto. From that time to the end of 1969, the 90-year period covered by this bibliographic compilation, close to 500 research papers dealing in one way or another with parasites or diseases of fishes in Canadian waters have been written.

Earlier versions of this bibliography were prepared by the author in 1957 and 1965. They were included in the Fisheries Research Board's Manuscript Report Series as numbers 631 and 826. The F.R.B. Manuscript Reports have a limited distribution, generally being deposited only in libraries of Fisheries Research Board establishments. The Technical Report Series of the Fisheries Research Board, introduced in 1967, has a fairly wide distribution and may be found in a number of libraries around the world. Because of the wider distribution of the Technical Report Series and the general interest shown in the bibliography it seemed advisable to prepare an up-to-date revised bibliography rather than just a supplement to F.R.B. Manuscript Report No. 826.

The 1957 compilation contained 209 entries; the present one has 483. Thus, even taking into consideration that some papers were overlooked when compiling the first bibliography, the number of papers that appeared in the last 13 years more than equals the number issued in the previous 77 years.

Only original publications concerned in whole or in part with research on parasites or diseases of fishes from Canadian waters are listed in this bibliography. Monographs on various groups of parasites, in which previously published Canadian records are cited, generally have been omitted. Not included are the summary reports of parasitological or disease research appearing in annual reports of the Fisheries Research Board or of its various laboratories and in annual reports of other agencies. Likewise, unpublished university theses are not listed. I have, however, included the Manuscript Report Series of F.R.B., even though this series is not a formal publication, because many of its numbers contain substantial data on parasites and diseases of fish which have not been published elsewhere. The F.R.B. Manuscript Report Series may be consulted at Fisheries Research Board laboratories.

An index to the higher taxa of organisms or kinds of diseases dealt with in each paper listed is provided. Papers on diseases with unknown causes, other than tumours, are indexed under "miscellaneous." The following index categories are used: viruses, fungi, bacteria, Protozoa, Turbellaria, Monogenea, Digenea, Cestodaria, Cestoda, Acanthocephala, Nematoda, Hirudinea, Copepoda, Branchiura, Isopoda, Acarina, Mollusca, tumours, and miscellaneous. Lymphocystis disease, which is now recognized as having a viral etiology, is indexed under viruses although some older papers consider the disease to be caused by a protozoan, Lymphocystis sp. Gyrocotyle is indexed under Cestodaria although in one paper it is considered a monogenean.

Inevitably, in a compilation such as this one some references will be inadvertently overlooked. Hopefully, the users of this bibliography will not find these unintentional omissions to be numerous.

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