



A bibliography of aquatic biology, oceanography, fisheries and sedimentary geology of Chaleur Bay and its drainage basin

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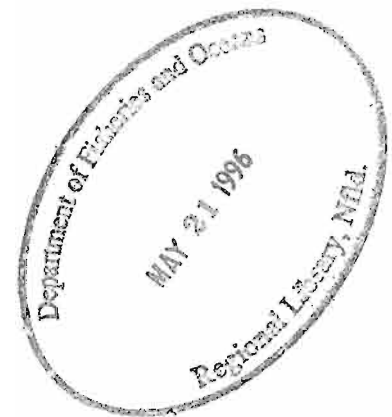
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A BIBLIOGRAPHY OF AQUATIC BIOLOGY, OCEANOGRAPHY, FISHERIES AND SEDIMENTARY
GEOLOGY OF CHALEUR BAY AND ITS DRAINAGE BASIN

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TABLE OF CONTENTS

ABSTRACT	iv
INTRODUCTION	1
ACKNOWLEDGEMENTS	1
BIBLIOGRAPHY	2
Geology, paleontology and geography	2
Physical oceanography, hydrology and climate	3
Contaminant and environmental impact studies	7
Bacteriology	12
Protozoa	13
Phytoplankton and macrophytes	13
Zooplankton, including ichthyoplankton	15
Macroinvertebrates - General	17
Macroinvertebrates - Mollusca	18
Macroinvertebrates - Crustacea	22
Macroinvertebrates - Other taxa	29
Parasites	29
Fish - General	30
Fish - Groundfish	31
Fish - Pelagic species	38
Fish - Salmonids	44
Fish - Non-salmonid diadromous species	50
Marine mammals	52
Birds	52
Caraquet Bay	52
Belledune Harbour	53
Eel River/Dalhousie Harbour	55
Nepisiguit River and Bathurst area	56
Jacquet River	56
Restigouche River	57
Gaspé rivers	61

ABSTRACT

Locke, A. 1996. A bibliography of aquatic biology, oceanography, fisheries and sedimentary geology of Chaleur Bay and its drainage basin. Can. Data Rept. Fish. Aquat. Sci.

Literature on research, fisheries stock assessment, environmental impact assessment and popular scientific writings pertaining to the aquatic ecosystem, oceanography and sedimentary geology of Chaleur Bay (Gulf of St. Lawrence) and its watersheds were compiled into a bibliography of more than 1000 citations published from 1850 to 1995.

RÉSUMÉ

Les travaux de recherche, d'évaluation des stocks de poisson et d'évaluation des impacts environnementaux ainsi que les textes de vulgarisation portant sur les écosystèmes aquatiques, l'océanographie et la géologie sédimentaire de la baie des Chaleurs (golfe du Saint-Laurent) et de ses bassins-versants ont fait l'objet d'une bibliographie comportant plus de 1000 titres publiés de 1850 à 1995.

INTRODUCTION

The objective of this document is to list publications relevant to fisheries and oceanography of Chaleur Bay, which is located between New Brunswick and Québec in the southwestern Gulf of St. Lawrence. The geographic limits of the literature cited in this document are Chaleur Bay itself and the adjacent waters of the Gulf of St. Lawrence (including the eastern shores of Miscou and Lamèque Islands, New Brunswick; the Gaspé shore south of Percé, Québec; the waters off Bonaventure Island, Québec; and Orphan Bank), and the rivers and lakes of the drainage basin of Chaleur Bay. Many of the documents cited here include data on Chaleur Bay as part of an overview of larger areas, for example the Maritime or Atlantic provinces, or southern Gulf of St. Lawrence. In these documents, the waters in and near Chaleur Bay are commonly referred to by district or zonal codes which have been assigned for various purposes by different organizations. These codes include, but are probably not limited to:

- subareas 437 and 438 (Int. Comm. Northw. Atl. Fish., ICNAF)
- subdivisions 4Tm and 4Tn of division 4T (North Atl. Fish. Org., NAFO)
- New Brunswick sea fisheries statistical districts 63 through 66 (Dept. Fish. Oceans, DFO)
- Québec sea fisheries statistical districts 10 through 15 (DFO)
- herring management zone 16B (DFO)
- lobster, scallop and clam management areas 20, 21 and 23 (DFO)
- lobster fishing districts 7C and 10D (DFO)
- salmon fishing area (SFA) 15 (DFO)
- salmon region 1, zones Q1 through Q3 (Québec Ministère de l'Environnement et de la Faune)
- snow crab zone 12 (DFO)

Primary papers in scientific journals, popular science articles, university theses, government technical reports, and reports by consulting companies are cited here. The main sources searched for references include the DFO WAVES database, Cambridge Aquatic Sciences and Fisheries Abstracts and POLTOX on CD ROM, the Bulletin of the Natural History Society of New Brunswick, the Cahier d'Information series of the province of Québec, Rapports annuels de la Station de Biologie marine (Grande-Rivière), the Atlantic Salmon Journal, CAFSAC and DFO Atlantic Fisheries Research Documents, and the series now known as Data, Manuscript, Industry and Technical Reports of Canadian Fisheries and Aquatic Sciences. The list was circulated to research scientists and biologists in the Science Branch of DFO at Moncton, as well as to New Brunswick Dept. of Natural Resources and Energy and Québec Ministère de l'Environnement et de la Faune for their additions. The bibliography is almost certainly not comprehensive, but is as complete as possible. The oldest reference cited was published in 1850. Literature published up to December 1995 (inclusive) is listed here.

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