

#1909

DFO - Library / MPO - Bibliothèque



12022058

Bibliography of the Marine Fishes of Arctic Canada 1771 - 1985

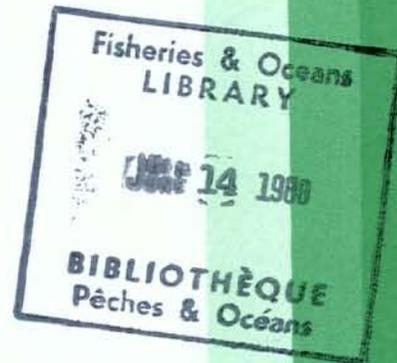
Don E. McAllister and Michèle Bélanger Steigerwald

Ichthyology Section
National Museum of Natural Sciences
National Museums of Canada
Ottawa, Ontario K1V 7B2

Arctic Biological Station
Department of Fisheries and Oceans
Ste. Anne de Bellevue, Quebec H9X 3R4

December 1986

**Canadian Manuscript Report of
Fisheries and Aquatic Sciences
No. 1909**



SH
223
F35
#1909
A



Fisheries
and Oceans

Pêches
et Océans

Canada

Canadian Manuscript Report of Fisheries and Aquatic Sciences

These reports contain scientific and technical information that represents an important contribution to existing knowledge but which for some reason may not be appropriate for primary scientific (i.e. *Journal*) publication. They differ from Technical Reports in terms of subject scope and potential audience: Manuscript Reports deal primarily with national or regional problems and distribution is generally restricted to institutions or individuals located in particular regions of Canada. No restriction is placed on subject matter, and the series reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries management, technology and development, ocean sciences, and aquatic environments relevant to Canada.

Manuscript Reports may be cited as full publications. The correct citation appears above the abstract of each report. Each report will be abstracted by *Aquatic Sciences and Fisheries Abstracts* and will be indexed annually in the Department's index to scientific and technical publications.

Numbers 1-900 in this series were issued as Manuscript Reports (Biological Series) of the Biological Board of Canada, and subsequent to 1937 when the name of the Board was changed by Act of Parliament, as Manuscript Reports (Biological Series) of the Fisheries Research Board of Canada. Numbers 901-1425 were issued as Manuscript Reports of the Fisheries Research Board of Canada. Numbers 1426-1550 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Manuscript Reports. The current series name was changed with report number 1551.

Details on the availability of Manuscript Reports in hard copy may be obtained from the issuing establishment indicated on the front cover.

Rapport manuscrit canadien des sciences halieutiques et aquatiques

Ces rapports contiennent des renseignements scientifiques et techniques qui constituent une contribution importante aux connaissances actuelles mais qui, pour une raison ou pour une autre, ne semblent pas appropriés pour la publication dans un journal scientifique. Ils se distinguent des Rapports techniques par la portée du sujet et le lecteur visé; en effet, ils s'attachent principalement à des problèmes d'ordre national ou régional et la distribution en est généralement limitée aux organismes et aux personnes de régions particulières du Canada. Il n'y a aucune restriction quant au sujet; de fait, la série reflète la vaste gamme des intérêts et des politiques du Ministère des Pêches et des Océans, notamment gestion des pêches; techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

Les Manuscrits peuvent être considérés comme des publications complètes. Le titre exact paraît au haut du résumé de chaque rapport, qui sera publié dans la revue *Aquatic Sciences and Fisheries Abstracts* et qui figurera dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros de 1 à 900 de cette série ont été publiés à titre de manuscrits (Série biologique) de l'Office de biologie du Canada, et après le changement de la désignation de cet organisme par décret du Parlement, en 1937, ont été classés en tant que manuscrits (Série biologique) de l'Office des recherches sur les pêcheries du Canada. Les numéros allant de 901 à 1425 ont été publiés à titre de manuscrits de l'Office des recherches sur les pêcheries du Canada. Les numéros 1426 à 1550 ont été publiés à titre de Rapport manuscrits du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été changé à partir du rapport numéro 1551.

La page couverture porte le nom de l'établissement auteur où l'on peut se procurer les rapports sous couverture cartonnée.

Canadian Manuscript Report of
Fisheries and Aquatic Sciences 1909

December 1986

BIBLIOGRAPHY OF THE MARINE FISHES OF ARCTIC CANADA
1771 - 1985

by

Don E. McAllister and Michèle Bélanger Steigerwald

Ichthyology Section
National Museum of Natural Sciences
National Museums of Canada
Ottawa, Ontario K1V 7B2, Canada

Arctic Biological Station
Department of Fisheries and Oceans
555 St. Pierre Blvd.

(c) Minister of Supply and Services Canada 1986

Cat. No. Fs97-13/0558

ISSN 0706-6465

Correct citation for this publication:

McAllister, Don E. and M.B. Steigerwald. 1986. Bibliography of the marine fishes of arctic Canada 1771 - 1985. Can. MS Rep. Fish. Aquat. Sci. 1909: iv + 108p.

CONTENTS

Abstract/Résumé	iv
Introduction	1
Format	2
Bibliographic Sources	2
Acknowledgements	6
Bibliography	8

ABSTRACT

The bibliography covers the geographic region delimited by the border from the Alaska-Yukon Territory boundary north to the North Pole, south to and along the Canada-Greenland boundary, west to Cape Chidley and west along the Arctic coasts of Québec, Ontario, Manitoba, Northwest Territories and Yukon Territory to Alaska, including the waters of James and Hudson bays. References mentioning fishes of marine and brackish waters are cited including those for the fresh waters of the Arctic Archipelago. At least 1111 references are included.

RESUME

La bibliographie couvre la région géographique délimitée par la frontière Alaska-Yukon vers le nord jusqu'au Pôle Nord, de là vers le sud suivant la ligne de démarcation Canada-Groenland, puis vers l'ouest jusqu'au Cap Chidley, et suivant les côtes arctiques du Québec, de l'Ontario, du Manitoba, des Territoires du Nord-Ouest et du Yukon jusqu'à l'Alaska, y compris les eaux des baies James et Hudson. On cite les références qui font mention des poissons des eaux marines et saumâtres, ainsi que des eaux dulçaquicoles de l'Archipel Arctique. La bibliographie comprend au moins 1111 publications.

(c) Minister of Supply and Services Canada 1986

Cat. No. FsXX-XX/XXXX ISSN XXXX-XXXX

Correct citation for this publication:

McAllister, Don E. and Michèle Bélanger Steigerwald. 1986.
Bibliography of the marine fishes of Arctic Canada, 1771-
1985. Can. MS Rep. Fish. Aquat. Sci. XXX:X + XXX p.

Dedicated to the Persons who worked for the
Arctic Biological Station
1947-1986

At the desk, the lab bench and amongst the ice
of Canada's longest coast,
the Arctic,
With so few resources
But who discovered so much,
And to the Inuit,
Who were there first
And who have shared their knowledge.

CONTENTS

Abstract/Résumé	iv
Introduction	1
Format	2
Bibliographic Sources	2
Acknowledgements	6
Bibliography	8

ABSTRACT

The bibliography covers the geographic region delimited by the border from the Alaska-Yukon Territory boundary north to the North Pole, south to and along the Canada-Greenland boundary, west to Cape Chidley and west along the Arctic coasts of Québec, Ontario, Manitoba, Northwest Territories and Yukon Territory to Alaska, including the waters of James and Hudson bays. References mentioning fishes of marine and brackish waters are cited including those for the fresh waters of the Arctic Archipelago. At least 1111 references are included.

RESUME

La bibliographie couvre la région géographique délimitée par la frontière Alaska-Yukon vers le nord jusqu'au Pôle Nord, de là vers le sud suivant la ligne de démarcation Canada-Groenland, puis vers l'ouest jusqu'au Cap Chidley, et suivant les côtes arctiques du Québec, de l'Ontario, du Manitoba, des Territoires du Nord-Ouest et du Yukon jusqu'à l'Alaska, y compris les eaux des baies James et Hudson. On cite les références qui font mention des poissons des eaux marines et saumâtres, ainsi que des eaux dulçaquicoles de l'Archipel Arctique. La bibliographie comprend au moins 1111 publications.

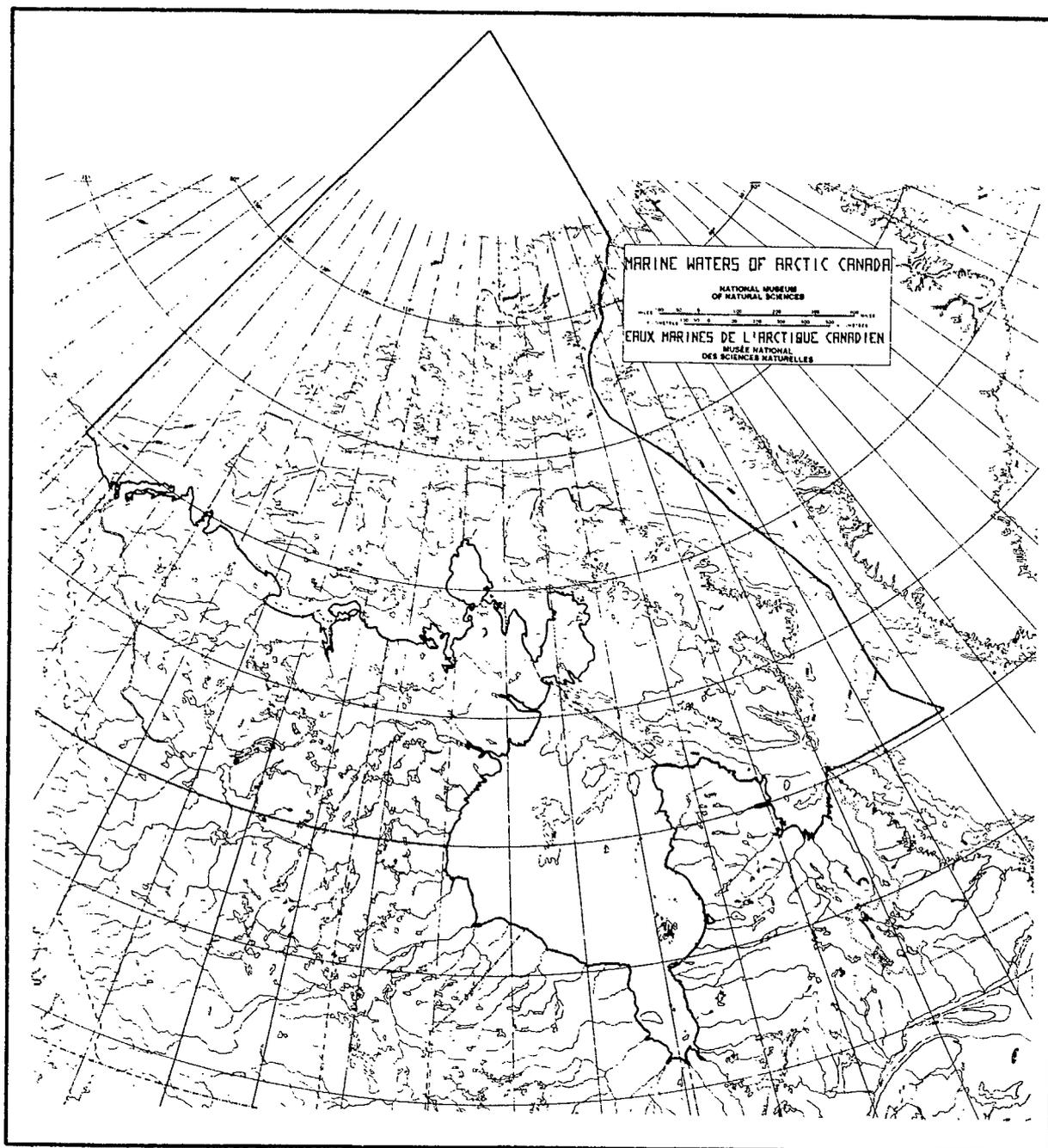


Fig. 1. Dark line encloses area defined as marine waters of Arctic Canada for purposes of bibliography. A few important publications from neighbouring Alaska, Labrador and Greenland are included.

Introduction

With numerous environmental impact surveys for oil and gas pipelines, the increase in interest in biology of Arctic fishes, and the ongoing interest in the development of Arctic fisheries, it was felt appropriate to publish this bibliography in advance of the projected book, Marine fishes of Arctic Canada, the completion of which has been delayed through a lack of resources. It is hoped that the bibliography will be of use in the interim.

A bibliography of the same area was published by McAllister (1966) and included 278 references. That a new bibliography is needed is apparent from the at least 1111 references in the present bibliography. In the first two hundred years an average of about 1.5 publication appeared each year. In the last 12 years an average of 30 publications per year has been issued, in the last 5 years about 50 per year.

The purpose of this bibliography is to document the literature on the fishes of the marine and brackish waters of Arctic Canada including those of the Yukon and Northwest Territories, Manitoba, Ontario, and Québec. Specifically, it covers the waters east of Alaska, west of the Canada-Greenland border and north of Labrador, north of the south end of James Bay, and south of the North Pole. References to freshwater fishes in the Arctic Archipelago and islands in Hudson Bay are included as most of these fishes are euryhaline. Otherwise, reports on freshwater fishes are not cited except for some papers discussing anadromous populations. A few extralimital references of broad significance, such as Andriashev (1954) are also included. The area covered is delimited in Fig. 1.

The references sought were primarily scientific, dealing with taxonomy, distribution, ecology, general biology, ethology, physiology, fisheries, growth, age and production. Areas such as sport fishing, sociological studies of fisheries and food technology were given less attention. Catch statistics were not included. Some references, although not strictly scientific, appear because they give information of historical, regional, or other interest that is not otherwise readily available. Some marine bird and mammal papers are included because they provide information on fish predation. An occasional citation is incomplete where the bibliographic source was not complete or where we have not checked a copy of the publication.

A number of "gray" reports which do not strictly qualify as publications have been included when we were aware of them. These include environmental impact reports, government manuscript and technical reports. They often

contain information which is not usually indexed in bibliographic periodicals and hence is difficult to access. The bibliography was submitted for publication in 1984 but funds ran out. An opportunity to publish arose in December 1986 and 55 references were hastily added before the deadline of a freeze. Bibliographic searches in 1981 by BIOSIS and by students found few new references. Never-the-less, because of the diversity of publication outlets, the bibliography is certainly incomplete and the authors would appreciate learning of additions, and receiving copies of publications or corrections. These may be addressed to:

Don E. McAllister, Research Curator,
Ichthyology Section,
National Museum of Natural Sciences
Ottawa, Ontario K1A 0M8 Canada

Format

Citations are given in the form:

Author(s), date of publication, title, and:

a) Journal, volume (number): pagination, plates, text-figures, and maps

OR

b) Publisher, place of publication, pagination, plates, text-figures, and maps.

In some cases the date of publication does not coincide with the year of the journal, and in that case it is the year of publication that is given, in-so-far as we are aware of the true date of publication. Where there is more than one publication by the same author(s) in the same year, the date of publication is followed by a distinguishing decimal number, viz. Dunbar, M.J. 1948.1, Dunbar, M.J. 1948.2, Dunbar, M.J. 1948.3. The author's name has been spelled out in full, as in Dean's Bibliography of Fishes, whenever we have been able to obtain it. Given names or initials consistantly follow the authors' names, whether it is the first, middle or last author, as in the Zoological Record and BIOSIS.

Bibliographic Sources

The following bibliographic sources have been used in seeking references:

- 1) Tremaine, Marie (ed.). 1953-75. Arctic bibliography. Vol. I-XVI; 1953-1975. Published by the Arctic Institute of North America. Dept. Defense, Washington, D.C. and McGill-Queen's University Press, Montréal and London.
- 2) Baird, P.D. 1949. Expeditions to the Canadian Arctic. Beaver for March, June, September 1949, pp. 2-16, figs. and map.
- 3) BIOSIS. 1969-1981. Data base search in April 1981.
- 4) Cardinal, André and Caron, Solange. 1978. Bibliographie des travaux océanographiques effectués dans les baies de James, d'Hudson et d'Ungava. GIROQ, Université Laval, Rapport à la Société d'Energie de la baie James. 160 pp.
- 5) Carter, Neal Marshall. 1973. Index and list of titles, Fisheries Research Board of Canada and associated publications 1965-1972. Fish. Res. Bd. Canada Misc. Pub. (18): i-vi + 1-588.
- 6) Cleugh, T. R. and Russell, L. R. 1980. Fisheries and related publications in the Yukon Territory. Canadian Tech. Rep. Fish. Aquat. Sci. (938): 1-51.
- 7) Cvancara, Victor A. 1976-1982. Current references in fish research. Vol. 1-7. Eau Claire, Wisconsin.
- 8) Dean, Bashford. 1916-1923. A bibliography of fishes, enlarged and edited by Charles Rochester Eastman. American Museum of Natural History, New York. Vol. 1: 1-718 (A-K), Vol. 2: 1-702 (L-Z), Vol. 3 (addenda and indices).
- 9) Dymond, John Richardson. 1964. A history of ichthyology. Copeia (1): 2-33.
- 10) Hemstock, C. Anne and Cooke, Geraldine A. 1973. Yukon bibliography update 1963-1970. Boreal Institute for Northern Studies, University of Alberta, Edmonton, Occasional Publication Number 8-1. 420 pp.
- 11) Hemstock, C. Anne (compiler). Cooke, Geraldine A. (ed.). 1975. Yukon bibliography update to 1973. Boreal Institute for Northern Studies, University of Alberta, Edmonton. Occasional Publication Number 8-2. 384 pp.
- 12) Lotz, J. R., 1964. Yukon bibliography (Preliminary edition). Yukon Research Project Series Number 1. Northern Co-ordination and Research Centre, Department of Northern Affairs and Natural Resources, Ottawa, Ontario. pp. i-vii + 1-155.
- 13) Marshall, Kenneth Eric and Kays, M. 1978. An index to the publications of the staff of the Freshwater Institute,

Winnipeg, 1976-77. Fish. Mar. Serv. Tech. Rep. (743): 1-49.

14) Marshall, Kenneth Eric and Woods, Cedric S. 1971. A bibliography of the coregonid fishes. Fish. Res. Bd. Canada Tech. Rep. (151): 1-60.

15) Marshall, Kenneth Eric and Layton, M. 1981. An index to the publications of the staff of the Western Region, Department of Fisheries and Oceans, 1978-79. Canadian Tech. Rept. Fish. Aquat. Sci. (992):i-iv + 1-56.

16) Marshall, Kenneth Eric and Layton, M. 1984. An index to the publications of the Western Region, Department of Fisheries and Oceans, 1980-81. Canadian Tech. Rept. Fish. Aquat. Sci. (1273): i-iv + 1-82.

17) McAllister, Donald Evan. 1966. Bibliography of the marine fishes of the Canadian Arctic. Institute of Fisheries, University of British Columbia, Vancouver, Museum Contribution (8): 1-16.

18) McPhail, John Donald and Lindsey, Casimir Charles. 1970. Freshwater fishes of northwestern Canada and Alaska. Fish. Res. Bd. Canada Bulletin (173): 1-381, illus., 4 col. pl., 13 text-fig., maps.

20) Nicholson, Harold Frederick. 1974. Bibliography on the limnology and fisheries of Canadian freshwaters. No. 1. Fish. Mar. Serv. Tech. Rep. (471): 1-120.

----- 1975.1. Ibid. No.2.(504): 1000 references, no pagination.

----- 1975.2. Ibid. No.3. (566): 1000 references, no pagination.

----- 1976.1. Ibid. Appendix A. Cumulative author index. (605): i-iv + 1-120.

----- 1976.2. Ibid. No.4. (672): i-xiv + 1-114.

----- 1978. Ibid. No.5. (804): i-vii + 1-106 (latter pages not numbered).

----- 1980. Ibid. No.6. (911): i-vi + 1-105.

----- 1984. MS. Ibid. No. 8 (MS about 200 pages, pages not consecutively numbered. Dept. Fish. Oceans, Great Lakes Fishery Research Branch, Burlington Ontario; replaces all previous lists).

20) Peterson, N. Merle. 1974.1. Ecology of the Canadian Arctic Archipelago: selected references. Volume 1. Minister of Indian and Northern Affairs. Information Canada, Ottawa.

pp. i-iv + 1-425, 1 fig.

----- 1974.2. Ibid. Volume 2. pp. 426-846, 1 fig.

----- 1975. Ibid. Volume 3. pp. i-vi + 847-1304, 1
fig.

----- 1976. Ibid. Volume 4. pp. i-v + 1305-1790, 1
fig.

21) Pfeifer, Wilma E. 1977. Bibliography of the fishes of the Beaufort Sea. Biological Papers of the University of Alaska, Anchorage. (17): 1-76.

22) Ridge, Marian (compiler). Cooke, Geraldine A. and Perry, Geraldine, D. (eds.) 1977. Yukon bibliography update to 1975. Boreal Institute for Northern Studies, University of Alberta, Edmonton. Occasional Publication 8-3. 408 pp.

23) Scott, William Beverly, and Crossman, Edwin John. 1973. Freshwater fishes of Canada. Fish. Res. Bd. Canada Bulletin (184): i-xi + 1-966, illus., 6 col. pl., maps.

24) Thomas, Heather L. (compiler). Cooke, Geraldine A. and Perry, Geraldine D. 1978 (eds.). Yukon bibliography update to 1977. Boreal Institute of Northern Studies, University of Alberta, Edmonton. Occasional Publication 8-4. 476 pp.

25) Zoological Record up to 1981.

Acknowledgements

Thanks are expressed to A. Bohn, B. C. Research, Vancouver; E. W. Burrige, Ottawa; Brenda Chawner, Librarian, Boreal Institute for Northern Studies, Edmonton; Paul G. Chénard, Environmental Protection Branch, COGLA, Ottawa, Ontario; P. C. Craig, LGL Limited, Sydney, B. C.; Wilson Eedy, IEC Beak Consultants Ltd., Mississauga, Ontario; William Griffiths, LGL Ltd., Sidney, B.C.; Richard A.W. Hoos, Environmental & Socio-Economic Services, Dome Petroleum Ltd., Calgary, Alberta; J. G. Hunter and June Currie, Arctic Biological Station, Fisheries and Oceans Canada, Ste-Anne-de-Bellevue, Québec; Lionel Johnson, Freshwater Institute, Fisheries and Oceans Canada, Winnipeg, Manitoba; J. S. Nelson, Department of Zoology, University of Alberta, Edmonton, Alberta; Jeffrey Pallister, Pallister Resource Management Ltd., Calgary, Alberta; Iola M. Price, Toxic Chemicals, Canadian Wildlife Service, Ottawa; S.U. Qadri, Department of Biology, University of Ottawa, Ontario; J.F. Sherwood, Halifax, N.S.; Brian Smiley, Fisheries and Oceans Canada, Sidney, B.C.; Bruce Stewart, Freshwater Institute, Winnipeg; Sharon Thompson, Fisheries and Oceans Canada, Sidney, B.C.; N. J. Wilimovsky, Institute of Animal Resource Ecology, University of British Columbia, Vancouver; and Andrew Wood, Dobrocky Seatech, Sidney, B.C., all of whom checked a preliminary draft of the manuscript for completeness, or provided information by letter or phone. Andrée Lesage and three fellow students searched for additions to the penultimate draft. Archibald Stewart, Research Librarian, National Museums of Canada, conducted searches of computer data bases.

Mrs. Kathleen E. Robinson, Como, Quebec contributed references at the beginning and end of this project, as well as editorial suggestions which have made this a better bibliography. Ms. Shirley Leach, Arctic Biological Station, Fisheries and Oceans Canada, Ste-Anne-de-Bellevue, contributed references, editorial suggestions and arranged for publication.

The following individuals made helpful suggestions: Paul Chénard, COGLA; Wilson Eedy, IEC Beak Consultants Ltd.; E. H. Grainger, Arctic Biological Station, Fisheries and Oceans Canada, Ste-Anne-de-Bellevue, Québec; William Griffiths, LGL Ltd., Environmental Research Associates; Richard A.W. Hoos, Dome Petroleum Ltd.; Denise Norden, B.C. Research; Jeffrey Pallister, Pallister Resource Management Ltd.; Sharon Thomson and Brian Smiley, Institute of Ocean Resources; and Andrew Wood, Dobrocky Seatech.

To all these persons the authors are very grateful.



Figure 2. The M. V. Calanus and berg off Cape Sarah, Frobisher Bay, N.W.T. Launched in 1947, the Calanus served the Arctic Biological Station for 37 years in Canada's eastern Arctic. (Photo by Don E. McAllister).

BIBLIOGRAPHY

A

- Able, Kenneth William and McAllister, Donald Evan. 1980. Revision of the snailfish genus Liparis from Arctic Canada. Can. Bull. Fish. Aquat. Sci. (208): 1-52, 8 fig.
- Abrahamson, G. 1963. Tuktoyaktuk-Cape Parry: area economic survey. A.E.S.R. No. 62-2. Dept. Northern Affairs and National Resources North. Devel., Ottawa. 109 pp.
- Akihito, Yatsu. 1981. A revision of the gunnel family, Pholididae (Pisces, Blennioidei). Bull. Nat. Sci. Mus., Tokyo. Ser. A (Zool.) 7(4): 165-190, 16 fig.
- Alexander, L. M., and Hawkins, G. R. S. (eds.). 1972. Canadian-U.S. maritime problems. Policies and the implications for the development of international law. Workshop papers. (Held in Toronto, Canada, June 15-17, 1971). Univ. of Rhode Island, Law of the Sea Institute, Kingston. 88 pp.
- Alliston, W. G., Bradstreet, M. S. W., McLaren, M., Davis, R. A., and Richardson, W. J. 1976. Numbers and distribution of birds in the central District of Franklin, N. W. T., June-August 1975. Report to Polar Gas Project, Ltd. by L.G.L. Ltd. 2 vols. 583 pp.
- Amundsen, R. 1908. The North-West Passage. Archibald Constable Co., London. 2 vol., illus.
- Anderson, Michael Eric. 1984. On the anatomy and phylogeny of the Zoarcidae (Teleostei: Perciformes). Ph. D. thesis, Faculty of Marine Sciences, College of William and Mary, Gloucester Point, Virginia. xix + 294 pp., 15 pl., 60 text-fig.
- Anderson, Rudolf Martin. 1913. Fishes. pp. 450-455. In Vilhjalmur Stefanson. My life with the Eskimo. MacMillan Co., New York. 538 pp.

----- 1913. Report on the natural history collections of the expedition. pp. 436-527. In Vilhjalmur Stefanson. My life with the Eskimo. MacMillan Co., New York.

----- 1917.1. Canadian Arctic expedition, 1916. Zoology. Summary Rep. 1916, Geol. Survey. Dept. Mines, Ottawa. Govt. Canada Sessional Paper 26: 374-384.

----- 1917.2. Recent explorations on the Canadian Arctic coast. Geo. Rev. 4(4): 241-266 (Oct. 1917).

----- 1918. Eskimo food - how it tastes to a white man. Ottawa Naturalist 32(4): 59-65, 3 photos.

Andrews, Carter William and Lear, E. 1956. The biology of the Arctic char, Salvelinus alpinus L., in northern Labrador. J. Fish. Res. Bd. Canada 13(6): 843-860.

Andriashev, Anatoly Petrovich. 1939. Outline of zoogeography and origin of the fauna of fish in the Bering Sea and adjacent waters). Publ. of the State Univ. of Leningrad. pp. unknown. (in Russian).

----- 1952. Ryby Chukotskogo Morya i Beringova Proliva. Kraimii Severo-Vostok Soyuza SSSR II: 311-322. Izdatel' stvo, Akad. Nauk SSSR.

----- 1954. Fishes of the northern seas of the USSR. Opre del. Faun SSSR, Izdav. Zool. Inst. Akad. Nauk SSSR (53): 1-566, 300 fig. English Translation 1964 by Israel Program for Scientific Translations. Jerusalem. 617 pp.

----- 1970. Cryopelagic fishes of the Arctic and Antarctic and their significance in polar ecosystem. pp. 297-304. In M.W. Holdgate (ed.). Antarctic Ecology. Vol. 1. Academic Press, New York. 604 pp.

----- 1975. On the systematic position of Ophidium parrii Ross, 1826. Voprosi Iktiologii, Moscow 15, 5: 771-773 (in Russian; English translation in Journal of Ichthyology 15(5): 695-697).

----- and McAllister, Donald Evan. 1978. Status of the presumed zoarcid fish Ophidium parrii and its identity with Liparis koefoedi, Liparidae. Copeia (4): 710-712, 1 fig.

Anonymous 1885. Fishing interests in Hudson Bay. Science 5(114): 296, April 10, 1885.

----- 1915. Reports on fisheries investigations in Hudson and James bays and tributary waters in 1914. King's Printer. 85 pp., 22 plates, fold. map.

- 1948.1. Marine work in Ungava Bay. Arctic Circular 1(1): 6-7.
- 1948.2. Marine biological reconnaissance in Ungava Bay, 1947. Arctic 1(1): 63-64.
- 1948.3. Fisheries research in Ungava. Arctic Circular 1(3): 29.
- 1948.4. Fisheries research in Ungava. Arctic Circular 1(5): 53.
- 1949. Fisheries research in the Eastern Arctic. Arctic Circular 2(5): 58-59.
- 1951.1. Eastern Arctic fisheries investigations. Ann. Rep. Fish. Res. Bd. Canada for 1950: 67-70.
- 1951.2. Ungava Bay fisheries expedition, 1947, 1948 and 1949. Polar Record 6(41): 92-95.
- 1952. Arctic investigations. Ann. Rep. Fish. Res. Bd. Canada for 1951: 108-112.
- 1953. Eastern Arctic investigations. Ann. Rep. Fish. Res. Bd. Canada for 1952: 149-154.
- 1954.1. Eastern Arctic investigations. Ann. Rep. Fish. Res. Bd. Canada for 1953: 101-103.
- 1954.2. Fisheries investigations in Ungava Bay and Frobisher Bay, 1950 and 1951. Polar Record 7(47): 39-40.
- 1955.1. Eastern Arctic investigations. Ann. Rep. Fish. Res. Bd. Canada for 1954: 107-111.
- 1955.2. Fisheries investigations in Hudson Bay and Hudson Strait, 1953 and 1954. Polar Record 7(50): 393.
- 1956.1. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1955. pp. 111-114.
- 1956.2. How to smoke fish. Northern Affairs Bull. 3(6): 8-9, 2 fig.
- 1957. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1956-1957. pp. 111-114.
- 1958. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1957-58. pp. 115-122.
- 1959.1. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1958-59. pp. 111-115.

- 1959.2. Arctic Unit of Fisheries Research Board of Canada: activities in 1958. Polar Record 9(63): 570-573.
- 1960.1. Biological Station, St. John's, Nfld. Ann. Rep. Fish. Res. Bd. Canada for 1959-60. pp. 9-56, 1 fig.
- 1960.2. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1959-60. pp. 123-128.
- 1961. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1960-61. pp. 117-120.
- 1962. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1961-62. pp. 131-135.
- 1963. Arctic Unit, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1962-63. pp. 113-118.
- 1964.1. L'omble arctique chez les Esquimaux. Le Jeune Scientifique (Pub. par L'ACFAS) 3(1): 19, 1 photo.
- 1964.2. Arctic Biological Station, Montreal, Que. Ann. Rep. Fish. Res. Bd. Canada for 1963-1964. pp. 87-91.
- 1965. Fisheries Research Board of Canada: Arctic Biological Station 1965. Fish. Res. Bd. Canada Misc. Special Pub. 11: 1-5. (Aussi en français).
- 1966. Eskimo commercial fisheries in the Canadian Arctic. Polar Record 13(84): 342-343.
- 1967. Field research in Labrador-Ungava. Annual Report 1965-66. McGill Univ., Dept. Geography, McGill Subarctic Research Paper (23): 1-168.
- 1972. Report on fisheries investigations in the La Grande river and Caniapiscaw river drainage. Rapp. James Bay Task Force. The Indians of Quebec Association Document 17G. 21 pp. (Draft not for publication).
- 1973. Etude spéciale du corégone anadrome dans l'estuaire de la rivière La Grande, été-automne 1973. Rapp. Env. Can. et Soc. d'Energie Baie James, Prog. Soc. d'Energie Baie James 1, 3 vols.
- 1974.1. Annual report 1973. Fisheries Research Board of Canada. Information Canada, Ottawa. 32 pp.
- 1974.2. Arctic char fishing looks good potential. News of the North, 6 November 1974. p. 11.
- 1975.1. Char Lake. Inuit Today 4(10): 36-39.
- 1975.2. Statistiques de pêche sportive du saumon

des rivières Koksoak, George, De Pas, et à la Baleine, de 1964 à 1975. Qué. Min. Tour. Chasse Pêche, Serv. Faune, Cons. Saumon Atl.

----- 1976.1. Arctic fish producing delicacies. Native Press, 15 March 1976. p. 5.

----- 1976.2. Arctic fish plant producing connoisseur's delicacy. Mackenzie News, 10 March 1976.

----- 1977.1. Etude du mercure dans les poissons des bassins hydrographiques de la Grande Rivière de la Baleine et Petite Rivière de la Baleine. Rapport d'Eco Recherches Ltée. à l'Hydro-Québec. 41 pp.

----- 1977.2. Natural areas of Canadian significance. A preliminary study. Parks Planning Division, National Parks Branch, Parks Canada. October 1977. 123 pp., illus.

----- 1977.3. Yukon land and resources inventory. Bibliographic index book. Subject category 35. Fisheries Resources. Government of Yukon Territory. pp. 1-17.

----- 1977.4. Effects of petroleum on arctic and subarctic marine environments and organisms. Malins, Donald C. (editor). Academic Press, New York. 2 vol., illus.

----- 1983. Bibliography of environmental studies by industry in the Canadian offshore 1964-1982, - East Coast, - Hudson Bay, -West Coast. Dept. Energy, Mines, Resources, Canada Oil, Gas, Lands Admin. 55 pp. (un-numbered).

Armstrong, R. E. and Morrow, James E. 1980. The Dolly Varden charr. pp. 99-140, 10 fig. In Eugene K. Balon (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

Arsenault, Marius. 1979. Etude morphologique de poissons fossiles de la mer de Champlain (Pléistocène supérieur), en provenance de Green Creek, Ottawa; quelques aspects paléoécologiques. M. Sc. thesis, Sciences de la Terre, Université de Québec à Montréal. Montréal, Québec. April 1979. 141 pp., 27 pl., 76 text-fig.

Atkinson, D. P., Bowering, W. R., Parsons, D. G., Horsted, Sv. Aa., and Minet, J. P. 1982. A review of the biology and fisheries for roundnose grenadier, Greenland halibut, and northern shrimp in Davis Strait. Northwest Atlantic Fisheries Organization Scientific Council Studies 3: 7-27.

Atlas of Canada. 1958. Dept. Mines and Technical Surveys, Geographical Branch, Ottawa. 110 double folio coloured sheets including fish distributions maps.

B

Back, G. 1836. See Richardson, Sir John. 1836.2.

Backus, Richard H. 1957. The fishes of Labrador. Bull. Amer. Mus. Nat. Hist. 113, art. 4: 273-338, 2 text-fig., 2 pl.

Baillairge, G. F. 1888. Le Detroit et la Baie d'Hudson. Bureaux de l'Etudiant et du Couvent. pp. 1-54. (salmon, trout, cod. pp. 29-30).

Bain, H. and Sekerak, A. D. 1978. Aspects of the biology of arctic cod, Boreogadus saida, in the central Canadian Arctic. Unpubl. Rept. by LGL Ltd. for Polar Gas Project. 104 pp.

-----, Thompson, D., Foy, M., and Griffiths, W. 1977. Marine ecology of fast-ice edges in Wellington Channel and Resolute Passage, N. W. T. Unpubl. Rept. by LGL Ltd. for Polar Gas Project. 262 pp.

Bain, Lawrence H. 1974. Life histories and systematics of the Arctic char (Salvelinus alpinus L.) in the Babbage river system, Yukon territory. Canadian Arctic Gas Study Ltd. Biol. Rep. Ser. 18(1): i-xvi + 1-156, 8 pl., 19 fig., map.

----- 1975. The life-history and systematics of Arctic char, Salvelinus alpinus (Linnaeus), in the Babbage River system, Yukon territory. M. Sc. thesis, Univ. of Calgary, Calgary, Alberta. 162 pp.

Bajkov, Alexander. 1932. The genus Leucichthys (ciscoes or tullibeas) in Manitoban waters. Contrib. Canadian Biol. Fish., N. S., 7(26): 325-334, 1 fig.

Baker, M. C. 1977. Shorebird food habits in the eastern Canadian Arctic. Condor 79(1): 56-62.

Bakkala, R. G. 1970. Synopsis of biological data on the chum salmon, Oncorhynchus keta (Walbaum) 1792. March 1970. NOAA Circular No. 315: i-iii + 1-89, 15 fig., 2 maps.

Balikci, Asen. 1964. Development of basic socio-economic units in two Eskimo communities. Nat. Mus. Canada Bull. (202): 1-114, 4 maps.

----- 1980. Charr fishing among the Arriligjuarmiut. Perspectives Vert. Sci. 1: 7-11, illus.

Balon, Eugene K. 1980. Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp., illus., col. pl.

Barber, Frederick George. 1978.1. Comment on the distribution of vertebral number in North American sculpins of the Myoxocephalus quadricornis complex. J. Fish. Res. Bd. Canada 35(4): 482-483, 1 fig.

----- 1978.2. Speculations concerning fish populations in the water of the Hudson Bay system. Fish. Mar. Serv. Tech. Rept., Ottawa (829): 1-6, 2 fig.

----- 1978.3. On the origin of Oncorhynchus gorbuscha. Fish. Mar. Serv. Tech. Rep., Ottawa (814): 1-3.

----- 1979. On ocean migration, speciation, cycle dominance, and density dependence in Pacific salmon. Fish. Mar. Serv. Tech. Rept., Ottawa (872): i-vi + 1-7.

----- , Grainger, Edward Henry, and Pelletier, B. R. 1981. Hudson Bay sea-floor photographs. Maritime Sediments 16(1/2/3):11-34, 15 photos.

----- and Murty, T.S. 1977. Perennial sea ice: speculations concerning physical and biological consequences. pp. 257-268. In Maxwell John Dunbar (ed.). Polar oceans. Arctic Institute of North America, Calgary. Proceedings of the Polar Oceans Conference held at McGill Univ., Montréal, Québec, May 1974. x + 682 pp.

Barlিশen, W.J. and Webber, T.N. 1973. A history of the development of commercial fishing in the Cambridge Bay area of the Northwest Territories. Unpublished report for the Federal Task Force on Fisheries Development in the Northwest Territories. 37 pp.

Barnes, Peter W., Schell, Donald M., and Reimnitz, Erik (eds.). 1984. The Alaskan Beaufort Sea: Ecosystems and environments. Academic Press, Orlando, Toronto.

Barsukov, V.V. 1959. Wolffish family (Anarhichadidae). Fauna SSSR, Zool. Inst. Akad. Nauk SSSR (73):1-171, 22 pl., 42 text-fig. (in Russian; English translation by Indian National Documentation Center, New Delhi, India; available from U.S. Dept. Commerce, National Technical Information Service, Springfield, Va. ii + 292 pp., illus.)

----- 1968. The systematic relationship of redfishes of the genus Sebastes of the northwest Atlantic Ocean. Dokl. Akad. Nauk SSSR 183:479-482, 2 fig. (in Russian; English translation in Dokl. Proc. Akad. Sci. USSR, Biol. Sci. Sect. 183:734-737.)

Bateman, B. 1953. Observations on the natural history of the

Leaf Bay-Fort Chimo region, Ungava, Quebec. The Intermediate Naturalist, Toronto (8):1-7, illus., maps.

B.C. Research. 1975. Baseline survey of the marine environment at Strathcona Sound, N.W.T. Report for Strathcona Mineral Services. 84 pp.

----- 1978. Polaris mine. Aquatic environmental studies, 1977. Report for Cominco Ltd. 63 pp.

Beak Consultants Ltd. 1975a. Beaufort Sea biological studies, 1975. Unpublished report for Canadian Marine Drilling Co. (CANMAR). 27 pp. + appendices.

----- 1975b. Biological investigations Panarctic Gulf et al. East Drake I-55. Report for Panarctic Oils Ltd., Calgary, Alberta. Pagination unknown.

----- 1978. Heavy metals project, Mackenzie Delta and estuary. Report for Imperial Oil Ltd., Calgary, Alberta. pp. 11-13, 40-44, 58.

----- 1981. Baseline biological and chemical study Issungnak O-61. Beaufort Sea, 1980. Report for Esso Resources Canada, Ltd.. 63 pp. + appendices.

Beamish, Frederick William Henry. 1980. Swimming performance and oxygen consumption of the charrs. pp. 739-748, 6 fig. In Eugene K. Balon.(ed.). Charrs, salmonid fishes of the genus Salvelinus. Dr. W. Junk, The Hague. 928 pp.

Bean, Tarleton Hoffman. 1879. Fishes collected in Cumberland Gulf and Disko Bay. In Ludwig Kumlien. Contributions to the natural history of Arctic America made in connection with the Howgate Polar Expedition, 1877-78. Bull. U. S. Nat. Mus. 15: 107-138.

----- 1881. Notes on some fishes from Hudson's Bay. Proc. U. S. Nat. Mus. 4: 127-129.

----- 1883. A list of the fishes known to occur in the Arctic Ocean north of Bering Strait. pp. 118-119. In Cruise of the revenue steamer Corwin in Alaska and the northwest Arctic Ocean in 1881. U. S. Govt. Printing Office, Washington, D. C.

----- 1884. The whitefishes of North America. Trans. Amer. Fish. Soc. 13th Ann. Meeting. pp. 32-39.

----- 1886. On salmon caught in Lake Alexandria, 81° 40' N. Appendix XII, p. 409. In Adolphus W. Greeley. Three years of Arctic service, an account of the Lady Franklin Expedition of 1881-84 and the attainment of the farthest North. Chas. Scribner's Sons, New York, Vol. 2, 444 pp., illus.

----- 1888.1. Fishes determined from photographs. In G. M. Dawson (ed.). Report on an exploration in the Yukon District, N. W. T. Rep. Geological Survey Canada, 1887-1888, (N. S.) 3 (app. 4): 231B.

----- 1888.2. Trout caught in Lake Alexandria at 81° 40'. p. 55. In Adolphus W. Greeley. Report on the proceeding of the United States expedition to Franklin Bay, Grinnell Land. Vol. 2. Chas. Scribner's Sons, Washington.

----- 1891. Report of the salmon and salmon rivers of Alaska with notes on the conditions, methods, and needs of the salmon fisheries. U. S. Government Printing Office, Washington, D. C. (51st Cong. 1st session, House of Representatives Misc. Doc't. No. 11.) 50 pp., maps, pls.

Beck, Brian and Mansfield, Arthur Walter. 1969. Observations on the Greenland shark, Somniosus microcephalus, in northern Baffin Island. J. Fish. Res. Bd. Canada 26(1): 143-145.

Behnke, Robert John. 1980. A systematic review of the genus Salvelinus. pp. 441-481, 0 fig. In Eugene K. Balon. (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

----- 1981. Organizing the diversity of the Arctic charr complex. International Symposium on Arctic charr. May 4-8, 1981. Freshwater Institute, Winnipeg. p. 5.

Bekker, V. E. 1967. The lantern fishes (Myctophidae) from the "Petr Lebedev" Atlantic expeditions 1961-1964. Trudy Inst. Okeanol. 84: 84-124, 13 fig. (in Russian, English summary).

Bell, L. 1973. Biological survey - winter expedition. Arctic diving. Advisory Committee Northern Development, North of 60° N. Vol IV, pp. 24-29.

Bell, Rober 1880. Report on explorations on the Churchill and Nelson rivers and around God's and Island lakes. Geol. Surv. Canada, Rept. Progress 1878-79. pp. 1c-70c.

----- 1881. Report on Hudson's Bay and some of the lakes and rivers lying to the west of it. Geol. Surv. Canada, Rept. Progress 1879-80. pp. 1c-113c.

----- 1884.1 Observations on the geology, mineralogy, zoology and botany of the Labrador coast, Hudson's Strait and Bay. Geol. Nat. Hist. Surv. Canada, Rept. Progress 1882-83-84, pp. 1DD-62DD.

----- 1884.2. Observations on the geology, mineralogy, zoology and botany of the Labrador coast, Hudson's Strait and Bay. pp. 20-40. In Lieut. A.R. Gordon. Report of the Hudson's

Bay Expedition. Dept. Marine and Fisheries, Ottawa. pp. 1-40, 1 fold. chart.

----- 1901. Report of an exploration of the northern side of Hudson Strait. Ann. Rep. Geol. Surv. Canada N.S. 11: 1M-38M, 4 pl., 1 fold. map.

Berg, Leo Semonovitch. 1916. On the distribution of the fish, Myoxocephalus quadricornis (L.) of the family Cottidae and related problems. Izv. Akad. Nauk SSSR, ser. 6, (15): 1343-1360, 5 fig. (in Russian). Reprinted in his collected works, 1962, Vol. 5: 160-174.

----- 1931. A review of the lampreys of the northern hemisphere. Ann. Mus. Zool. Acad. Sci. U.R.S.S. 32:87-116. Reprinted in his collected works, 1961, Vol. 4: 59-90.

Bergeron, Julien. 1962. Bibliographie de saumon de l'Atlantique (Salmo salar L.). Contrib. Ministère Chasse et Pêche, Québec (88):1-64.

----- and Brousseau, Jacques. 1981. Guide des poissons d'eau douce du Québec. Ministère du Loisir, de la Chasse et de la Pêche, Direction Générale de la Faune. pp. i-xvii + 1-217, illus., maps.

----- 1983. Guide des poissons d'eau douce du Québec. Ibid. i-xxvi + 1-240, illus., maps.

Berkes, Fikret. 1976.1. Subsistence fisheries at Fort George. Inst. Urban Environmental Studies, Brock Univ., St. Catherines. Ontario Preliminary Report. 5 pp.

----- 1976.2. James Bay: The Cree Indian coastal fishery. Canadian Geographical J. 93: 60-65.

----- 1977.1. Fishery management in the James Bay territory. Report for the Hunting, Fishing and Trapping Coordinating Committee established under the James Bay and northern Quebec agreement. pp. 1-63

----- 1977.2. Fishery resource us in a subarctic Indian community. Human Ecology 5: 289-307.

----- 1977.3. Strategies in northern fishery management: test case of a small-scale fishery in James Bay. Brock Univ., Ontario. Manuscript. pagination unknown.

----- 1978.1. A review of fish and fisheries of the lower La Grande River. Part I and II. Report to SOTRAC established under the James Bay and Northern Quebec Agreement. 66 pp., 55 pp. of appendices, 22 pp. recommendations.

----- 1978.2. Management of recreational fisheries in northern Quebec: policies versus tools. Canadian Public Policy 4: 460-473.

----- 1979. An investigation of Cree domestic fisheries in northern Quebec. Arctic 32(1): 46-70, 2 fig.

----- 1980. Issues and perspectives in fish and wildlife management in the James Bay area. Canadian Society Environmental Biologists Newsletter, Toronto. 37(2): 95-101.

----- 1982. Preliminary impacts of the James Bay Hydroelectric Project, Quebec, on estuarine fish and fisheries. Arctic 35(4):524-530.

----- and Farkas, C. S. 1978. Eastern James Bay Cree Indians: changing patterns of wild food use and nutrition. Ecology of Food and Nutrition 7: 155-172.

----- and Mackenzie, Marguerite. 1978. Cree fish names from eastern James Bay, Quebec. Arctic 31(4): 489-495.

Bernier, J. E. 1910. See Hennessey, F. 1910.

Bertelsen, Einar, Krefft, Gerard, and Marshall, Norman B. 1976. The fishes of the family Notosudidae. Dana-Report (86): 1-114, 1 pl.

Bethune, W. C. 1934. Fish. pp. 129-131, 1 photo. In W. C. Bethune. Canada's eastern Arctic: its history, resources, population and administration. Dept. Interior, Ottawa, King's Printer, 166 pp., illus., fold. map.

----- 1937. Fish. pp. 123-129. In W. C. Bethune. Canada's western Northland. Dept. Mines and Resources, Lands, Parks and Forest Branch, King's Printer, Ottawa, 162 pp., illus., 1 fold. map.

Beverley-Burton, M. 1978. Metazoan parasites of Arctic char (Salvelinus alpinus L.) in a high arctic landlocked lake in Canada. Canadian J. Zool. 56(2): 365-368, illus.

Bigelow, Henry B. 1963. Suborder Salmonoidea. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 3: 455-552, fig. 118-130 (except. pp. 457-502, fig. 118-123 by J. R. Dymond.

----- and Schroeder, William C. 1948. Sharks. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 1: 59-546, fig. 6-106.

----- 1953. Sawfishes, guitar-fishes, skates and rays. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 2: 1-514, 117 fig.

----- 1964. Family Osmeridae. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 3: 553-597, fig. 131-139.

Bird, J. B., and Bird, M. B. 1961. Bathurst Inlet, N. W. T., Canada. Dept. Mines and Tech. Surv., Ottawa, Memoir 7: 9-10.

Birket-Smith, Kaj. 1928. Five hundred Eskimo words. Rep. Fifth Thule Expedition 1921-24 3(3): 1-64, 1 map.

Bissett, D. 1967.1. Northern Baffin Island. An area economic survey. Vol. 2 of the Northern Baffin Island Report. Dept. Indian Affairs and Northern Development, Ottawa. 131 pp.

Bissett, D. 1967.2. Resolute. An area economic survey. Volume 2 of the Lancaster Sound Survey. Dept. Indian Affairs and Northern Development, Ottawa. A.E.S.R. 67/1. 175 pp.

Black, Geof A. 1982. Zoogeography of Cystidicola cristivomeri in char, Salvelinus spp. Molec. Biochem. Parasitol. 1982 suppl.: 351-352.

----- 1983.1. Origin, distribution, and postglacial dispersal of a swimbladder nematode, Cystidicola stigmatura. Canadian J. Fish. Aquat. Sci. 40(8): 1244-1253, 4 fig.

----- 1983.2. Cystidicola farionis (Nematoda) as an indicator of lake trout (Salvelinus namaycush) of Bering ancestry. Canadian J. Fish. Aquat. Sci. 40(11): 2034-2040, 3 fig.

----- 1984.1. Biology of Cystidicola stigmatura (Leidy) (Nematoda: Habronematoidea) in North America. Ph. D. thesis, Univ. Guelph, Guelph, Ontario. 95 pp.

----- 1984.2. Morphometrics of Cystidicola stigmatura (Nematoda) in relation to its glacial history. Journal of Parasitology 70(6): 967-974, 3 fig.

----- and Lankaster, M. W. 1981.2. Distribution and biology of swim-bladder nematodes, Cystidicola spp., in charr. International Symposium on Arctic charr. May 4-8, 1981. Freshwater Institute, Winnipeg. p. 45.

----- 1981.2. The transmission, life span, and population biology of Cystidicola cristivomeri White, 1941 (Nematoda: Habronematoidea) in char, Salvelinus spp. Canadian J. Zool. 59(3): 498-509, illus.

----- 1984. Distribution and biology of swimbladder nematodes, Cystidicola spp. (Habronematoidea), in charr, Salvelinus spp. pp. 413-429, 7 fig. In: Lionel Johnson and B. Burns (eds.). Biology of the Arctic charr.

Proceedings of the international symposium on Arctic charr. The University of Manitoba Press, Winnipeg. XXX pp.

Blanchet, G. H. 1930. Keewatin and northeastern Mackenzie, a general survey of the life, activities, and natural resources of this section of the Northwest Territories, Canada. Canada Dept. Int., Northwest Terr. & Yukon Br., King's Printer, Ottawa. 78 pp., photos, map.

Bliss, L. C. and Peterson, E. B. 1975. The ecological impact of northern petroleum development. pp. 505-537. In J. Malaurie (ed). Arctic oil and gas. Problems and possibilities. Fondation française d'études nordiques. Vième Congrès international. Le Havre. 2-5 mai 1973. Contributions du Centre d'études arctiques. XII. pagination unknown.

Blouw, D.M. On the analysis of morphic variation: a critical examination of methodology, and application to a taxonomically difficult group. M. Sc. thesis, Univ. Manitoba, Winnipeg, Manitoba. 137 pp.

Bodaly, R.A. 1977. Evolutionary divergence between currently sympatric lake whitefish, Coregonus clupeaformis, in the Yukon Territory. Ph. D. thesis, Univ. Manitoba, Winnipeg, Manitoba. 119 pp. Also Dissertation Abstracts int. (B) 38 (10):4678-4679.

----- 1979. Morphological and ecological divergence within the lake whitefish (Coregonus clupeaformis) species complex in Yukon Territory. J. Fish. Res. Bd. Canada 36(10): 1214-1222, 7 fig.

Böhlke, James. 1953. A catalogue of type specimens of recent fishes in the Natural History Museum of Stanford University. Stanford Ichthyological Bulletin 5: 1-168.

Bohn, Arne and McElroy, R.O. 1976. Trace metals (As, Cd, Cu, Fe and Zn) in Arctic cod, Boreogadus saida, and selected zooplankton from Strathcona Sound, northern Baffin Island. J. Fish. Res. Bd. Canada 33(12): 2836-2840, 2 fig.

----- and Fallis, B.W. 1978. Metal contaminations (As, Cd, Cu, Pb, and Zn) in shorthorn sculpins, Myoxocephalus scorpius (Linnaeus) and Arctic char, Salvelinus alpinus (Linnaeus), from the vicinity of Strathcona Sound, Northwest Territories. Water Research 12: 659-663.

Boland, J. 1973. The Yukon fishery resource: its existing role and future potential. Fish. Mar. Serv., Pacific Region, Vancouver. Report NOB/ECON 1-73. 42 pp., illus., maps.

Bond, W. A. 1982.1. A study of the fish resources of Tuktoyaktuk Harbour, southern Beaufort Sea coast, with special references to life histories of anadromous

coregonids. Canadian Tech. Rept. Fish. Aquat. Sci. (1119): i-vivi + 1-90, 36 fig.

----- and Erickson, R.N. 1982. Preliminary results of a fisheries study of two freshwater lake systems on the Tuktoyaktuk Peninsula, Northwest Territories. Canadian Data Rept. Fish. Aquat. Sci. 348: 1-68.

----- 1985. Life history studies of anadromous coregonid fishes in two freshwater lakes in the Tuktoyaktuk Peninsula, Northwest Territories. Canadian Tech. Rept. Fish. Aquat. Sci. (1336): i-vii + 1-68.

Boucher, Réjean and Roy, Dominique. 1982. Les conséquences de la coupure de La Grande Rivière sur les poissons en aval du réservoir de LG 2. Société d'Energie de la Baie James, Environnement. 44 pp., 3 appendices with 18 black and white figures and 17 colour photos.

Boulva, Jean. 1970. Morphometrics of sympatric Arctic codfishes. M. Sc. thesis, Dalhousie Univ., Halifax, Nova Scotia. 41 pp., 7 fig.

----- 1972. Morphometrics of three sympatric Arctic codfishes of the genera Arctogadus and Gadus. J. Fish. Res. Bd. Canada 29(3): 243-249, 5 fig., pl.

----- 1979. Comparison of the Arctic cod (Boreogadus saida), the polar cod (Arctogadus glacialis), and the toothed cod (A. borisovi). CAFSAC Research Document 79/50: 1-12, 4 fig.

----- and Simard, André. 1968. Présence du Salvelinus namaycush (Pisces: Salmonidae) dans les eaux marines de l'Arctique occidental canadien. J. Fish. Res. Bd. Canada 25(7): 1501-1504, 1 fig. (map).

Bowes, G. W. and Jonkel, C. J. 1972. Polychlorinated biphenyl (PCB) identification in marine arctic and subarctic food chains. American Chemical Society, Abstracts of Papers 1(164): 12.

----- 1975. Presence and distribution of polychlorinated biphenyls (PCB) in arctic and subarctic food chains. J. Fish. Res. Bd. Canada 32(11): 2111-2123, 4 fig.

Bradstreet, Michael S.W. 1976. Summer feeding ecology of seabirds in eastern Lancaster Sound. Unpub. Rept. by LGL Ltd., Toronto for Norlands Petroleum Ltd., Calgary. 187 pp.

----- 1977. Feeding ecology of seabirds along fast-ice edges in Wellington Channel and Resolute Passage, N.W.T. Unpub. Rept. by LGL Ltd., Toronto for Polar Gas Project, Toronto. 149 pp.

----- 1979. Thick-billed Murres and Black Guillemots in the Barrow Strait area, N. W. T., during spring: distribution and habitat use. Canadian J. Zool. 57(9): 1789-1802.

----- 1980.1 Studies near the Pond Inlet ice edge: occurrence, habitat use, and behavior of seabirds, marine mammals and Arctic cod. Unpub. Rept. by LGL Ltd., Toronto for Petro-Canada Inc., Calgary. 38 pp.

----- 1980.2. Thick-billed Murres and Black Guillemots in the Barrow Strait area, N. W. T., during spring: diets and food availability along ice edges. Can. J. Zool. 58(11): 2120-2140, 6 fig.

----- and Cross, W.E. 1980. Studies near the Pond Inlet ice edge: trophic relationships. Unpub. Rept. by LGL Ltd., Toronto for Petro-Canada, Inc., Calgary. 41 pp.

Bray, J. R. 1975. Marine fish surveys in the Mackenzie Delta area. Fish. Res. Bd. Canada, Manuscript Rept. (1326): 1-10, 2 fig.

Brodie, Paul Frederick. 1971. A reconsideration of aspects of growth, reproduction and behavior of the white whale (Delphinapterus leucas) with special reference to Cumberland Sound, Baffin Island population. J. Fish. Res. Bd. Canada 28(9): 1309-1318.

Bruemmer, Fred. 1969. The sleepy sharks of the Canadian Arctic. North 16(1): 40-43, illus.

Brunskill, G. J., Rosenberg, D. M., Snow, N. B., Vascotto, G. L. and Wagemann, R. 1973. Ecological studies of aquatic systems in the Mackenzie-Porcupine drainage in relation to proposed pipeline and highway developments. A preliminary report for the Environmental-Social Committee, Northern Pipelines, Dept. of the Environ., Fish. Res. Bd., Freshwater Inst. 129 pp. + 15 append pp.

Brunskill, G. J., Rosenberg, D. M., Snow, N. B., and Wagemann, R. 1973. Ecological studies of aquatic systems in the Mackenzie-Porcupine drainage in relation to proposed pipeline and highway developments. Environ. Canada, Fish. Res. Bd., Winnipeg. Task Force on Northern Oil Development, Report 73-40, Vol I, 131 pp.; Report 73-41, Vol. II, 345 pp.

Bryan, James E. 1973. The influence of pipeline development on freshwater fishery resources of northern Yukon Territory. Aspects of research conducted in 1971 and 1972. Canada Dept. Envir., Fish. Mar. Serv. Pacific Region. Report No. 73-6. 63 pp. Also in: Northern Operations Branch, Fisheries Service, Dept. Environ., Ottawa. 56 pp. (Task Force on Northern Oil Development Rep. 73-6.)

----- 1974. Hunger and the capture of grayling and char.
J. Fish. Res. Bd. Canada 31(12): 1945-1948.

----- , Walker, Charles Edward, Kendel, R. E., and
Elson, M. S. 1971. The influence of pipeline development on
freshwater aquatic ecology in northern Yukon Territory.
Progress Rep. on research conducted in 1971. Environ. Canada,
Fish. Serv. 45 pp.

----- 1973.1.
Freshwater aquatic ecology in northern Yukon Territory. Can.
Dept. Environ., Fish. and Mar. Serv., Pacific Region. Report
No. 73-21. 64 pp.

----- 1973.2.
Freshwater aquatic ecology in northern Yukon Territory 1971.
Task Force North. Oil Der. Rep. 73-21. Information Canada
R57-3/1973. 64 pp.

Bryant, W. J., Goldburn, J. R. and Hrudehy, S. E. 1974. Water
pollution aspects from waste drilling mud disposal in
Canada's Arctic. 1974 Offshore Technology Conference May 6-8,
Houston, Texas. 2: 95-106.

Buchanan, R. A. and Renaud, W. E. 1977?. The marine ecology
of Lancaster Sound and adjacent waters: an annotated
bibliography. Dept. Indian and Northern Affairs,
Environmental Studies (7). pagination unknown.

----- , W. E. Cross, and D. H. Thomson. 1977. A survey
of the marine environment of Bridport Inlet, Melville Island.
Report by L.G.L. Ltd. for Petro-Canada, Calgary, Alberta. 265
pp.

Buchwald, David Glen and Nursall, John Ralph. 1969.
Triacnophorus crassus in Arctic lampreys of the Northwest
Territories, Canada. J. Fish. Res. Bd. Canada 26(8): 2260-
2261.

Burke, Victor. 1930. Revision of the fishes of the family
Liparidae. Bull. U. S. Nat. Mus. (150): xii + 1-204, 110 fig.

Butler, Michael J. A. and Berkes, Fikret. 1972. Biological
aspects of oil pollution in the marine environment: a review.
McGill Univ., Marine Sciences Centre Manuscript Report (22):
1-118.

Byers, S. C. and Kashino, R. K. 1980. Survey of fish
populations in Kugmallit Bay and Tuktoyaktuk Harbour, N. W.
T. Unpublished report for Dome Petroleum Ltd. by Dobrocky
SeaTech Ltd., Sidney, B. C. 78 pp.

Byers, Timothy and Prach, Raymond W. 1985 MS. Diet of an

Arctic littoral fish, Liparis tunicatus. 8 pp., 1 fig.
Submitted to Canadian Field-Naturalist.

C

Cameron, J. N., Kostoris, J. and Penhale, P. A. 1973. Preliminary energy budget of the ninespine stickleback (Pungitius pungitius) in an arctic lake. J. Fish. Res. Bd. Canada 30(8): 1179-1189, 7 fig.

Cameron, Thomas Wright Moir and Choquette, Laurent Paul Emile. 1963. Parasitological problems in high northern latitudes with particular reference to Canada. Polar Record 11: 567-577.

Campbell, J.S. and Johnson, Lionel. 1976. Interlake movement of the Arctic char (Salvelinus alpinus L.) in the Nauyuk Lake system, Kent Peninsula, Northwest Territories. Pap. Pres. Meeting Canadian Comm. Fish. Res., Ottawa. pagination unknown.

Canada. Dept. Fisheries. No date. Lake whitefish (Coregonus clupeaformis). Fisheries Fact Sheet 21: 1-2.

----- No date. Inconnu (Stenodus leucichthys mackenzii). Fisheries Fact Sheet 23: 1-2.

----- No date. Lake herring, cisco or tullibee. Fisheries Fact Sheet 56: 1-2.

Canada, Dept. Fish. and Fisheries Research Board. 1957. The commercial fisheries of Canada. Royal Commission on Canada's economic prospects. Queen's Printer, Ottawa. 193 pp., 39 fig., 1 fold. map.

Canada, Dept. Environment. 1973. Impact of a northern gas pipeline. Vol. 5. Impacts of pipelines on traditional activities of hunter-trappers in the Territories. Fisheries Service for the Environmental-Social Program, Northern Pipelines, Ottawa.

Canada, Dept. Indian Affairs and Northern Development. 1973.1. Regional impact of a northern gas pipeline. Vol. 1: Summary Report. Economic Staff Group, Northern Economic Development Branch for the Environmental-Social Program, Northern Pipelines, Ottawa. 187 pp.

----- 1973.2. Atlas of wildlife habitat inventory maps

for Environmental-Social program, Northern Pipelines. Part of a wildlife habitat inventory of the Mackenzie Valley and northern Yukon. Set of 7 atlases. Technical and graphic design by Bryan Chubb, Ottawa. Ring binder, paper cover.

----- 1975. Mackenzie Valley pipeline assessment: Environmental and socio-economic effects of the proposed Canadian Arctic gas pipeline of the Northwest Territories and Yukon. Environmental-Social Program, Northern Pipelines, Ottawa. 442 pp.

Canada, Environment Protection Board. 1974. Environmental impact assessment of the portion of the Mackenzie Gas Pipeline from Alaska to Alberta. Vol. III. Environmental atlas. Prepared by Interdisciplinary Systems Ltd. and Templeton Eng. Co.

Canada, Northern Economic Development Branch. 1973. Regional impact of a Northern Gas Pipeline. pp. 34, 43-45, 118, 125-127. Task Force on Northern Oil Development Report 73-32.

Canadian Arctic Gas Pipeline Ltd. 1974. Social and economic impact of proposed Arctic gas pipeline in northern Canada. Book III. 519 pp.

Carder, G. W. 1981. Data from the commercial fishery for Arctic charr, Salvelinus alpinus (Linnaeus), in the Cambridge Bay area, Northwest Territories, 1979-80. Canadian Data Rep. Fish. Aquat. Sci. (284): Fs 97-13/248E, (284): i-v + 1-22

----- and Peet, R. F. 1983. Data from the commercial fishery for Arctic charr, Salvelinus alpinus (Linnaeus), in the District of Keewatin, Northwest Territories, 1973-81. Canadian Data Rep. Fish. Aquat. Sci. (357): i-viii + 1-65.

----- 1983. Data from the commercial fishery for Arctic charr, Salvelinus alpinus (Linnaeus), in the Cambridge Bay and Rankin Inlet areas, Northwest Territories, 1981-82. Canadian Data Rep. Fish. Aquat. Sci. (391): i-v + 1-24.

Cardinal, André and Caron, Jean. 1978. Bibliographie des travaux océanographiques effectués dans les baies de James, d'Hudson et d'Ungava. GIROQ, Université Laval. Rapport à la Société d'Énergie de la Baie James. vii + 160 pp.

Carter, L. J. 1976. Oil drilling in the Beaufort Sea: leaving it to luck and technology. Science 191(4230): 929-931.

Caulkin, T. B. 1937. Fish. pp. 123-129. In W. C. Bethune (ed.). Canada's western northland: its history, resources, population, and administrations. Canada, Dept. Mines and Resources, Ottawa.

Cavender, Ted M. 1980. Systematics of Salvelinus from the North Pacific basin. pp. 295-322, 13 fig. In Eugene K. Balon (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

Chang-Kue, Ken T.J. and Cameron, R. A. 1980. A survey of the fish resources of the Great Bear River, Northwest Territories, 1974. Manuscript Rep. Fish. Aquat. Sci., Dept. Fish. and Environ., Winnipeg (1510): 1-59.

----- and Jessop, Earl F. 1983. Tracking the movements of adult broad whitefish (Coregonus nasus) to their spawning grounds in the Mackenzie River, Northwest Territories. Proceeding Fourth International Conference on Wildlife Biotelemetry, August 22, 23, 24, 1983, Halifax, Nova Scotia. Halifax, Nova Scotia. The Conference. pp. 248-266, 7 fig.

Clarke, Redmond McVitty. 1973. The systematics of ciscoes (Coregonidae) in central Canada. Ph. D. thesis, Dept. Zoology, Univ. Manitoba, Winnipeg, Manitoba. 219 pp., 19 fig.

Clayton, James W. and Ihssen, Peter E. 1980. Dehydrogenase isozymes in Salvelinus: genetics and interspecies phenotypic comparisons. pp. 339-356, 17 fig. In Eugene K. Balon. (ed.) Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

Cleugh, Thomas Reginald and Russell, L. R. 1980. Fisheries and fish related publications in the Yukon Territory, Canada. Tech. Rep. Fish. Aquat. Sci., Dept. Fish. Oceans, Vancouver (938). 51 un-numbered pages.

Coad, Brian William. 1973. Modifications of the pelvic complex in the ninespine sticklebacks, Pungitius pungitius (L.), of eastern Canada and the Northwest Territories. Le Naturaliste Canadien 100(3): 315-316.

----- 1974. Vertebral frequencies with notes on anomalies in samples of threespine sticklebacks (Gasterosteus aculeatus) from eastern North America. Canadian Field-Nat. 88(2): 220-223, 1 fig.

----- 1983. Plate morphs in freshwater samples of Gasterosteus aculeatus from Arctic and Atlantic Canada: complementary comments on a recent contribution. Canadian J. Zool. 61(5): 1174-1177.

Coleman, John Reed. 1970. The ecology and life history of Salvelinus fontinalis in Ungava. Ph. D. thesis, Dept. Biology, Univ. Waterloo, Waterloo, Ontario. Pagination unknown.

----- 1972. The ecology and life history of Salvelinus fontinalis in Ungava. Dissertation Abstr. Int.

32B(12): 6837.

Comeau, N. A. 1915. Report of a trip to Hudson Bay - Burleigh Expedition. Appendix to Ann. Rep. Dept. Mar. Naval Service. pp. 69-85, 3 pl.

Cooke, Geraldine A. and Perry, Geraldine D. 1977. Yukon bibliography update to 1975. Boreal Institute Northern Studies, Univ. Alberta, Edmonton. Occasional Pub. (8-3): i-xi + 1-408.

----- 1978. Yukon bibliography update to 1977. Boreal Institute Northern Studies, Univ. Alberta, Edmonton. Occas. Pub. (8-4): i-x + 1-476.

Corkum, L. D. and McCart, Peter J. 1981. Review of the fisheries of the McKenzie Delta and nearshore Beaufort Sea. Canadian Manuscript Rep. Fish. Aquat. Sci. Fs 97-4/1613E. (1613): i-v + 1-55.

Cowan, Garry I. McTaggart. 1972. Relationships within the genus Myoxocephalus, (Pisces: Cottidae) based on morphological and biochemical data using numerical and conventional methods of analysis. Canadian J. Zool. 50(5): 671-682, 6 fig.

Cowan, Ian McTaggart. 1972. Supplementary paper - An overview with particular reference to fish and wildlife. Dept. Indian and Northern Affairs. Science and the North. A Seminar. pp. 108-110.

Cox, P. 1920. The lumpfish of Hudson Bay, Cyclopterus lumpus var. hudsonius Cox. Trans. Roy. Soc. Canadian Inst. 12, part 2 (28): 242-245, 4 fig.

----- 1922. Results of the Hudson Bay Expedition, 1920. II. The Gasterosteidae. Contrib. Canadian Biol. 1921, 10: 149- 153.

----- and Anderson, Marion. 1922. A study of the lumpfish (Cyclopterus lumpus L.). Contrib. Canadian Biol., N. S. 1(1): 1-20, 13 fig.

Craig, Peter C. (ed.). 1975. Fisheries investigations in a coastal region of the Beaufort Sea. Report by Aquatic Environments Ltd., Arctic Gas Biol. Rept. Ser. (34). pagination unknown.

----- 1977. Ecological studies of anadromous and resident populations of Arctic char in the Canning River drainage and adjacent coastal waters of the Beaufort Sea, Alaska. Canadian Arctic Gas Study Ltd., Calgary, Canada. Biological Report Series 41(1): 1-116, 33 fig.

----- 1984. Fish use of coastal waters of the Alaskan Beaufort Sea: a review. Transactions of the American Fisheries Society 113(3): 265-282, 6 fig.

-----, Griffiths, W.B., Halderson, Lewis and McElderry, H. 1982. Ecological studies of Arctic cod (Boreogadus saida) in Beaufort Sea coastal waters, Alaska. Canadian J. Fish. Aquat. Sci. 39(3):395-406, 5 fig.

----- 1985. Distributional patterns of fishes in an Alaskan Arctic lagoon. Polar Biology 4: 9-18, 7 fig.

----- and Halderson, Lewis. 1981. Beaufort Sea barrier island-lagoon ecological process studies: final report, Simpson Lagoon. Part 4. Fish. pp. 384-678. Research Unit 467. In Environmental Assessment Alaskan Continental Shelf, OCS Final Rept. Prin. Invest. Vol. 7. BLM/NOAA, OCSEAP, Boulder, Colorado.

----- 1986. Pacific salmon in the North American Arctic. Arctic 39(1): 2-7, 1 fig.

----- and Mann, G. J. 1974. Life history and distribution of the Arctic cisco (Coregonus autumnalis) along the Beaufort Sea coastline in Alaska and the Yukon Territory. In P. J. McCart (ed.). Life histories of anadromous and freshwater fish in the western Arctic. Canadian Arctic Gas Study Ltd., Biological Report Series 20(4): i-iii + 1-33, 6 fig.

----- and McCart, Peter J. 1974. Fall spawning and over-wintering of fish populations along routes of proposed pipeline between Prudhoe Bay, Alaska and Mackenzie Delta 1972- 73. In Peter J. McCart (ed.) Fisheries research associated with proposed gas pipeline routes in Alaska, Yukon and Northwest Territories. Canadian Arctic Gas Study Ltd., Biological Report Series 15(3): 1-36.

----- 1975. Classification of stream types in Beaufort Sea drainages between Prudhoe Bay, Alaska and the Mackenzie Delta, N. W. T., Canada. J. Arctic and Alpine Research 7 (2): 183-198, 6 fig. Also in Canadian Arctic Gas Study Ltd., Calgary, Canada, Biol. Rep. Ser. 17 (1): 1-47.

----- 1976. Fish use of nearshore coastal waters in the western Arctic: emphasis on anadromous species. pp. 361-388, fig. 23.1-23.12 (maps). In D. W. Hood and D.W. Burrell (eds.). Assessment of the Arctic marine environment: selected topics. Occas. Pub. No. 4, Inst. Mar. Sci., Univ. Alaska, Fairbanks. 468 pp. Also in Canadian Arctic Gas Study Ltd., Calgary, Canada, Biological Report Series 34(2): 172-219.

Craig, Peter C. and Poulin, V. 1975. Movements and growth of grayling (Thymallus arcticus) and of juvenile Arctic char (Salvelinus alpinus) in a small Arctic stream, Alaska. J. Fish. Res. Bd. Canada 32(5): 689-697.

Craig, Peter C. and Schnell, Donald M. 1984. Trophic dynamics in an Arctic lagoon. pp. 347-380, 9 fig. in The Alaskan Beaufort Sea: ecosystems and environments. Academic Press, Inc., New York.

Creaser, Charles W. and Hubbs, Carl Leavitt. 1922. A revision of the Holarctic lampreys. Occ. Pap. Mus. Zool., Univ. Michigan (120): 1-14, 1 pl.

Cretney, W.J., Christensen, P.A., McIntyre, B.W. and Fowler, B.R. 1979. Quantification of polycyclic aromatic hydrocarbons in marine environmental samples. Environmental Sci. Res. 16: 315-336, illus.

Crossman, Edmund John and McAllister, Don Evan. 1986. Zoogeography of freshwater fishes of the Hudson Bay drainage, Ungava Bay, and the Arctic Archipelago. pp. 53-104, fig. 3.1 - 3.7. In: Charles H. Hocutt and E.O. Wiley (eds.). Zoogeography of the freshwater fishes of North America. John Wiley & Sons, New York. 866 pp.

Currie, R. 1964. The Yukon Territory littoral, an economic development program report. Industrial Div. Dept. of Northern Affairs and Nat. Res., Ottawa. Area Econ. Surv. Rep. 6 3/3: 1-32. (Restricted).

Curtis, Mark A. 1979. Metazoan parasites of resident Arctic char (Salvelinus alpinus) from a small lake on southern Baffin Island. Naturaliste Canadien 106(2): 337-338, illus.

----- 1985. Parasitological evidence for feeding specialization in Arctic char (Salvelinus alpinus) in northern Quebec. ISCAF (International Society of Arctic Char Fanatics) Informat. Ser., Drottningholm. (3): 12-18.

----- and Hunter, John Gerald. 1980. Parasitism in Diphyllbothrium spp. and the inhibition of migratory behavior in Salvelinus alpinus, the Arctic char, a progress report. First International Society of Arctic Char Fanatics (ISACF) Workshop on Arctic char, 1980. Drottningholm, Sweden Information Series (1): 9-11.

D

Dadswell, Michael John. 1974.1. A physical and biological survey of La Grande River estuary, James Bay, Quebec. Can. Field. Nat. 88(4): 477-480, 2 fig.

----- 1974.2. Distribution, ecology, and postglacial dispersal of certain crustaceans and fishes in eastern North America. Nat. Museums Canada, Pub. Zool. (11):1-110, 16 fig., 20 map.

Dahlke, L.W. and Falk, Melvyn Robert. 1979. Data on Arctic char from the Jayco River, Northwest Territories, 1975. Canadian Fish. Mar. Serv. Data Rept. 156: i-iv + 1-11.

Davidson, V. M. 1932. Discovery of evidence that salt water herring make their way into Hudson Bay. Can. Fisherman, Gardenvale. p. 27.

Davies, W. H. A. 1854. Notes on Ungava Bay and its vicinity. Literary and Historical Society of Quebec 4(2): 119-137.

Davis, R. A., Bradstreet, M., Holdsworth, C., McLaren, M. and Richardson, W. J. 1974. Studies of the numbers and distribution of birds in the central Canadian Arctic - 1974: a preliminary report. Unpublished Report to Polar Gas Project Ltd. by LGL Ltd. 238 pp.

----- , Finley, K., Bradstreet, M., Holdsworth, C., and McLaren, M. 1975. Studies of the numbers and distribution of birds and mammals in the central Canadian Arctic - 1974: a supplement. Unpub. Rept. for Polar Gas Project Ltd. by LGL Ltd. 205 pp.

Day, Lewis Rodman. 1961. Summer surface distribution of redfish larvae in ICNAF subarea 4, 1954-1955. Rapp. Proc.-verb. Réun. Cons. perm. int. Explor. Mer. 150: 195-198, 2 fig.

De Graaf, D. 1974. The life history of the pond smelt Hypomesus olidus Pallas (Osmeridae) in a small unnamed lake in the northern Yukon Territory. Canadian Arctic Gas Study Ltd., Calgary, Alberta, Biological Report Series 18(2): 89 pp. Also: M. Sc. thesis, Dept. Biol., Univ. Calgary, Calgary, Alberta.

----- and Machniak, K. 1977. Fisheries investigations in the Mackenzie Delta in the vicinity of the cross-Delta Alternative Pipeline Route. Canadian Arctic Gas Study Ltd., Calgary, Alberta, Biol. Rept. Ser. 38(4):1-169.

DeLury, R. T., Steigenberger, L. W., and Elson, M. S. 1975. Aspects of the historical and present day fisheries exploitation in the northern Yukon Territory. Northern Yukon

Fisheries Studies, 1971-1974. Vol. 1. ix + 66 pp., illus.

DeMarch, L. and Eddy, W. 1976. A preliminary investigation of aquatic habitats along the route of the proposed Arctic islands pipeline. An interim report for the Arctic Islands Pipeline Project by Dept. Environ., Fish. Mar. Serv. Western Region. pagination unknown.

Dempson, J. Brian. 1985. Geographic variation in meristic characteristics of landlocked Arctic charr (Salvelinus alpinus) from insular Newfoundland and Labrador. ISACF (International Society of Arctic Char Fanatics) Informat. Ser., Drottningholm (3): 19-28, 2 fig.

----- and Best, D. 1978. Evaluation of the 1976 Arctic char fishery in northern Labrador. Fish. Mar. Serv. Tech. Rep. (760): 1-45.

Den Beste, J. and McCart, Peter J. 1978. Nearshore marine fisheries investigations in coastal areas of southeast Baffin Island. Report for Esso Resources Canada Ltd., Aquitaine Co., Can. Ltd., Canada Cities Services Ltd. by Aquatic Environments, Calgary, Alberta. December 1978. xii + 154 pp.

Denis, R. and Desroches, P. 1982. Modèles de l'estuaire de la Grande Rivière de la Baleine et du détroit de Manitounuk. Le Naturaliste Canadien 109(4):843-855, 5 fig.

Derksen, A.J. 1978. A report on the preliminary testing of mercury contamination in fishes from the Hudson Bay drainage system connected with Manitoba. Manitoba Dept. North. Affairs Renewable Resources Transp. Serv., Fish. Res. Sect., Management Br., MS Rept. (78-70). pagination unknow.

Desai-Greenaway, P. and Price, Iola M. 1976. Mercury in Canadian fish and wildlife used in diets of native peoples. Toxic Chemicals Division, Canadian Wildlife Service Manuscript Reports (35): 1-61.

Dewar, D., Johnson, Lionel, Layton, M. and Marshall, Kenneth Eric. 1982 MS. A bibliography of the Arctic species of Gadidae to 1982. MS for Canadian Tech. Rep. Aquat. Sci. 28 pp.

Dick, T. A. 1981. Parasites and Arctic charr management - academic curiosity or practical reality? International Symposium on Arctic charr. Abstracts. May 4-8, 1981. Univ. of Manitoba, Winnipeg. p. 43.

Dick, T. A. and M. Belosevic. 1981. Parasites of Arctic charr Salvelinus alpinus (Linnaeus) and their use in separating sea-run and non-migrating charr. J. Fish. Biol. 18(3):339-347, illus.

Doan, K. H. 1948. Speckled trout in the lower Nelson River region, Manitoba. Bull. Fish. Res. Bd. Canada (79): 1-12.

----- and Douglas, C. W. 1953. Beluga of the Churchill region of Hudson Bay. Bull. Fish. Res. Bd. Canada (98): 1-27.

Dodson, Julian J., Lambert, L. and Bernatachez, L. 1985. Comparative migratory and reproductive strategies of the sympatric anadromous coregonine species of James Bay. In: M. A. Rankin (ed.). Migration mechanisms and adaptive significance. Contr. Mar. Sci. Suppl. 27: 296-315.

----- and Legett, William C. 1985. Program sur l'ecologie reproductrice des poissons. GIROQ (Groupe Interuniversitaire de Recherches Océanographiques du Québec), Rapport 1983-31984, Universités Laval, McGill, Montréal. pp. 2:7-31.

Doran, L. D. 1974. Fishes and aquatic ecosystems. pp. 205-268. In Environmental impact assessment of the portion of the Mackenzie gas pipeline from Alaska to Alberta. Research Report IV. Environmental Protection Board, Winnipeg, Manitoba.

Douglas, C. W. 1951. Report on beluga investigations at Churchill in 1950. Fish. Res. Bd. Canada Manuscript Rept. Biol. Stat. 485: 1-33.

Douglas, William O. 1964. Banks Island. Eskimo life on the Polar Sea. Nat. Geogr. Mag. 125(5): 703-735, photos.

Dresnel, H. C. 1884. Notes on some Greenland fishes. Proc. U. S. Nat. Mus. 7: 244-256.

Dryden, R. L., and Stein, J. N. 1975. Guidelines for the protection of fish resources of the Northwest Territories during highway construction and operation. Fisheries and Marine Service, Environ. Canada, Tech. Rept. Ser. CEN/T-75-1), vi + 32 pp., 4 figs., maps.

-----, Sutherland, B. G., and Stein, J. N. 1973. An evaluation of fish resources of Mackenzie River Valley as related to pipeline development. Vol. 2. Fish. Serv. Dept. Environ., Ottawa. 176 pp. (Task Force on Northern Oil Development 73-2.)

Dubreuil, Marc and Magnin, Etienne. 1977. Etude de la biologie de l'ombre de fontaine, Salvelinus fontinalis Mitchill, dans les rivières Nékopastik et Achazi, tributaires du bassin inférieur de la Grande Rivière. Service Environment, Soc. d'Energie Baie James. Programme 65, Rapport Scientifique. pp. 1-39, 9 fig.

Dunbar, Maxwell John. 1947.1. Marine young fish from the

Canadian eastern Arctic. Bull. Fish. Res. Bd. Canada (73): 1-11, 5 fig.

----- 1947.2. Note on delimitation of the Arctic and Subarctic zones. Canadian Field-Nat. 61(1): 12-14.

----- 1948.1. Report for 1947 on the Eastern Arctic investigations. Append. V. Ann. Rep. Fish. Res. Bd. Canada for 1947. pp. 48-49.

----- 1948.2. Fisheries Research Board vessel for the eastern Arctic of Canada. Arctic Circular 1(5): 53-54.

----- 1949.1. Report for 1948 on Eastern Arctic investigations. Append. VI. Ann. Rep. Fish. Res. Bd. Canada for 1948. pp. 62-63, 1 fig.

----- 1949.2. Marine investigations, Ungava Bay, 1948. Arctic Circular 2(1): 8-10.

----- 1949.3. Marine investigations, Ungava Bay, 1949. Arctic Circular 2(8): 96-99.

----- 1950. Report for 1949 of eastern Arctic fisheries investigations. Append. VII. Ann. Rep. Fish. Res. Bd. Canada for 1949. pp. 64-65, 4 fig.

----- 1951.1. Eastern Arctic waters. Bull. Fish. Res. Bd. Canada (88): 1-131, 32 fig.

----- 1951.2. Resources of Arctic and subarctic seas. Trans. Roy. Soc. Canada 45, ser. 3, sect. 5: 61-67.

----- 1952.1. The Ungava Bay problem. Arctic 5(1): 4-16, 5 photos, 1 map.

----- 1952.2. The "Calanus" Expedition 1951, and plans for 1952. Arctic Circular 5(3): 26-27.

----- 1953.1. Arctic and subarctic marine ecology. Arctic 6(2): 75-90, 4 fig.

----- 1953.2. Arctic and subarctic marine ecology: immediate problems. Arctic 7(2): 213-228.

----- 1954. A note on climatic change in the sea. Arctic 7(1): 27-30.

----- 1958. Physical oceanographic results of the "Calanus" Expeditions in Ungava Bay, Frobisher Bay, Cumberland Sound, Hudson Strait and northern Hudson Bay, 1949-1955. J. Fish. Res. Bd. Canada 15(2): 155-201, 35 fig.

----- 1962. The living resources of Arctic Canada. pp.

125-135. In Royal Society of Canada. Canadian Population Symposium.

----- 1963. Ecological adaptation to the glacial climate. Roy. Soc. Canada Trans., ser. 4, 1(3): 433-440.

----- 1964. Hydrobiology. Bioscience 14(5): 17-21.

----- 1968. Ecological development in polar regions; a study in evolution. Prentice-Hall, Englewoods Cliffs, New Jersey. 119 pp.

----- 1970.1. On the fishery potential of the sea waters of the Canadian North. Arctic 23(3): 150-174, 5 fig.

----- 1970.2. Ecosystem adaptation in marine polar environments. pp. 105-111. In M. W. Holdgate (ed.). Antarctic Ecology. Academic Press, New York. Volume I.

----- 1972.1. The nature and definition of the marine subarctic, with a note on the sea-life area of the Atlantic salmon. Can. Roy. Soc. Trans. 5(10): 249-257.

----- 1972.2. Renewable resources. Dept. Indian and Northern Development. A seminar. Science and the North. pp. 85-107.

----- 1972.3. Stability and fragility in arctic ecosystems. Arctic 26(3): 179-185.

----- 1973.1. The Arctic and sub-arctic marine environment. In D. H. Pimlott, K. M. Vincent, and C. E. Knight (eds.). Arctic alternatives. Mail-O-Matic Printing, Ottawa.

----- 1973.2. Arctic environmental considerations for the marine industries. Proc. 3rd International Conference on Pollution Control in Marine Industries. pp. 264-272.

----- 1973.3. Glaciers and nutrients in Arctic fjords. Science 182(4110): 398.

----- 1975. Biological oceanography in Canadian Arctic and Subarctic waters. J. Fish. Res. Bd. Canada 32(11): 2276-2283.

----- 1976. Man in the polar marine ecosystem. pp. 11-22. In Assessment of the arctic marine environment: selected topics. Institute of Marine Science, Univ. Alaska, Fairbanks.

----- and Grainger, Edward Henry. 1952. Station list of the "Calanus" expeditions, 1947-1950. J. Fish. Res. Bd. Canada 9(2): 65-82, 8 maps.

----- and Hildebrand, H. H. 1952. Contribution to the study of the fishes of Ungava Bay. J. Fish. Res. Bd. Canada 9(2): 83-128, 1 fig.

----- and Moore, D. M. 1978. Marine life and its environment in the Canadian Eastern Arctic: a biogeographic study. Marine Sciences Centre Manuscript No. 33, McGill Univ., Montréal, Québec. 119 pp., 33 fig.

Dunbar, Moira and Dunbar, Maxwell John. 1972. The history of the North Water. Proc. Roy. Soc. Edinburgh 72: 231-241, 2 fig.

Dunn, Jean R. and Vinter, Beverly M. 1984. Development of larvae of the saffron cod, Eleginus gracilis, with comments on the identification of gadid larvae in Pacific and Arctic waters contiguous to Canada and Alaska. Canadian J. Fish. Aquat. Sci. 41(2):304-314, 6 fig.

Dutil, Jean-Denis. 1976. L'omble de fontaine (Salvelinus fontinalis) du lac Guillaume-Delisle, Nouveau Québec. M. Sc. thesis, Université Laval. pp. unknown.

----- 1981. Energetic costs associated with the production of gonads in anadromous Arctic charr of Nauyuk Lake, N. W. T., Canada. International Symposium on Arctic charr. Abstracts. May 4-9, 1981. Freshwater Institute, Winnipeg. p. 32.

----- 1983. Periodic changes in the condition of the Arctic charr (Salvelinus alpinus) of the Nauyuk Lake system. Ph. D. thesis, University of Manitoba, Winnipeg. vi + 149 pp. (Diss. Abstr. Int. 44B(1): 74).

----- and Power, Geoffrey. 1977. Validité de la lecture des otolithes comparé à celle de la lecture des écailles pour la détermination de l'âge de l'omble fontaine (Salvelinus fontinalis). Naturaliste canadienne 104: 361-367.

----- 1980. Coastal populations of brook trout, Salvelinus fontinalis, in lac Guillaume-Delisle (Richmond Gulf), Quebec. Canadian J. Zool. 58(10): 1828-1835.

Dymond, John Richardson. 1932. Notes on the distribution of Salmo salar and Salvelinus alpinus in northeastern Canada. Canadian Field-Nat. 46(8): 185.

----- 1933. Biological and oceanographic conditions in Hudson Bay. 8. The coregonine fishes of Hudson and James Bay. Contrib. Canadian Biol. Fish., N. S. 8(1): 1-12.

----- 1937. New records of Ontario fishes. Copeia (1): 59.

- 1940. Pacific salmon in the Arctic Ocean. Proc. Sixth Pacific Sci. Congress, 1939, 3: 435.
- 1941. Atlantic salmon in Ungava Bay. Canadian Field-Nat. 55(2): 19-20.
- 1943. The coregonine fishes of northwestern Canada. Trans. Roy. Canadian Inst. 24, pt. 2: 171-231, 1 fig., 2 maps.
- 1947. A list of the freshwater fishes of Canada east of the Rocky Mountains, with keys. Misc. Pub., Roy. Ontario Mus. Zool. (1): 1-36.
- 1963. Family Salmonidae, genus Salmo. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 3: 457-502, fig. 118-123.
- and Scott, William Beverly. 1941. Fishes of the Patricia portion of the Kenora District, Ontario. Copeia (4): 243-245.
- and Vladykov, Vadim Dimitrovich. 1934. The distribution and relationship of the salmonoid fishes of North America and North Asia. Proc. Fifth Pacific Sci. Congress, 1933, 5: 3741-3750, 10 fig.

E

- Eco Media Ltd. 1972. Fisheries study reveals Mackenzie pipeline risks. Canadian Conservationist. pp. 20-21.
- Eddy, S.B. and Lankester, M. W. 1978. Feeding and migratory habits of Arctic char, Salvelinus alpinus, indicated by the presence of the swimbladder nematode, Cystidicola cristivomeri White. J. Fish. Res. Bd. Canada 35(11): 1488-1491, 1 fig.
- Edwards, Robert L. 1961. The fishes of Richmond Gulf, Ungava, Canada. Proc. Amer. Phil. Soc. 105(2): 196-205, 2 fig., map.
- and Chamberlin, J. L. 1961. Ecological investigation of Richmond Gulf, Hudson Bay. Year Book Amer. Phil. Soc., Dec. 1961: 285-289.
- Eedy, Wilson. 1974. Environmental cause/effect phenomena relating to technological development in the Canadian Arctic.

National Research Council Associate Committee on Scientific Criteria for Environmental Quality. NRCC (13688): i-vi + 1-125, maps.

Ege, V. 1953. Paralepididae. I. (Paralepis and Lestidium). Dana-Rep. (40): 1-184, 33 text-fig.

Ehrenbaum, Ernst. 1901. Die Fische. Fauna Arctica, Jena. 2: 65-168.

----- 1901-1909. Eier und Larven von Fischen des Nordischen Plankton. 1: 1-414, 148 fig. (1964 reprint by A. Asher & Co., Amsterdam).

Eigenmann, Carl H. 1886. A review of the American Gasterosteidae. Proc. Acad. Nat. Sci. Philadelphia 38: 233-252.

Ekman, Sven. 1953. Zoogeography of the sea. Sidgwick and Jackson, London. 417 pp., 121 fig. incl. maps.

Ellis, Derek Victor. 1955. Some observations on the shore fauna of Baffin Island. Arctic 8(4): 179-190.

----- 1962. Observations on the distribution of some Arctic fish. Arctic 15(3): 179-189, 2 fig.

Elson, M. S. 1973. Historical exploitation of Yukon fish stocks. Fish. Serv., Dept. Environ., Vancouver. (An abridged version of the report is also published in Dept. Environ., Fish. Mar. Serv., PAC/T-76-7).

Elson, M. S. 1974.1. Catalogue of fish and stream resources of east central Yukon Territory. Fish. Mar. Serv., Northern Operations Branch, Vancouver. Report PAC/T-74-4. 54 pp., maps.

----- 1974.2 Potential of inaccessible part of the Kaniapiskau River and its tributaries (Koksoak system, Ungava) for anadromous salmon. Unpub. Rept. for Arctic Biological Station and James Bay Corporation. pagination unknown.

----- 1975. Northern Yukon fish studies, 1971-1974. Vol. 2. Chapt. 1. A preliminary bibliography and summaries of spawning information for fish species present in freshwaters of northern Yukon Territory. Canada Dept. Environ., Fish. Mar. Serv., North. Oper. Br., Pacific Region. PAC/T-75-23. pagination unknown.

Emery, Alan Roy. 1973. Biological survey - summer expedition. Arctic diving. Advisory committee on northern development north of 60° N. Vol. IV. pp. 16-23.

Ennis, G. L., Cinader, A., McIndoe, S., and Munsen T. 1982. An annotated bibliography and information summary on the fishery resources of the Yukon River Basin in Canada. Canadian Manuscript Rep. Fish. Aquat. Sci. 97-4/1657E. 278 pp.

Envirocon Ltd. 1977. Isserk artificial island, environmental baseline and monitoring study, 1977. Report for Imperial Oil Ltd., Calgary. 125 pp.

Environ. Canada. 1973. Annual report 1972. Resource Management Branch - Central Region. Fish. Mar. Serv. 74 pp.

Environ. Canada. 1979. Report of the Environmental Assessment Panel. Lancaster Sound drilling. Environ. Canada, Federal Environmental Assessment Review Office, Ottawa (7):1-127 (Inuktitut, English, French).

Esso resources Canada Ltd. et al. 1979. Environmental impact statement for exploratory drilling in Davis Strait region. Supplement. pp. 26-28; 37-39.

Evermann, Barton Warren and Goldsborough, Edmund Lee. 1907.1. Fishes of Alaska. Bull. U. S. Bur. Fish. 26: 219-360, 28 pl., 114 text-fig.

----- 1907.2. A checklist of the freshwater fishes of Canada. Proc. Biol. Soc. Washington 20: 89-120.

----- and Smith, Hugh McCormick. 1896. The whitefishes of North America. U. S. Comm. Fish Fish., Rep. Commissioner for 1894. Part 20: 283-324, pl. 11-28, 1 text-fig.

F

Faber, Danial James and Khan, Nuzrat Yar. 1974. A morphometric and meristic comparison of the larvae of freshwater and estuarine Myoxocephalus quadricornis. Amer. Soc. Ichth. Herpetol. Prog. 54th Ann. Meeting, Ichth. Abstract. pp. 12-13.

Fabricius, Otto °given as Fabricii, Othonius\$. 1780. Fauna Groenlandica, animalia Groenlandiae occidentalis. Copenhagen & Leipzig. 452 pp., 1 pl.

Fairbairn, Daphne J. 1981. Biochemical genetic analysis of population differentiation in Greenland halibut (Reinhardtius

hippoglossoides) from the Northwest Atlantic, Gulf of St. Lawrence, and Bering Sea. Canadian J. Fish. Aquat. Sci. 38(6): 669-677, 4 fig.

Falk, Melvyn Robert and Dahlke, L.W. 1979. Data on the Arctic char sport fishery at Tree River, Northwest Territories, 1978. Canadian Fish. Mar. Serv. Data Rept. 153: i-iv + 1-32.

----- and Lawrence, M. J. 1973.1. Acute toxicity of petrochemical components and wastes to fish. Resource Management Branch, Fisheries and Marine Service, Dept. Environ., Freshwater Institute, Winnipeg. Tech. Rep. Ser. No. CEN/T-73-1. 108 pp.

----- 1973.2. Seismic exploration: its nature and effect on fish. Resource Management Branch. Technical Report Series CEN T-73-9. 57 pp.

Falk, Melvyn Robert, Miller, M. D. and Kostiuik, S. J. M. 1973. Biological effects of mining in the N. W. T. Environ. Canada Tech. Rep. Ser. CEN/T-73-10. 89 pp.

Farwell, Moreley K., Green, John Marshall and Pepper, Vernon Alfred. 1976. Distribution and known life history of Stichaeus punctatus in the Northwest Atlantic. Copeia (3): 598-602, 2 fig.

Faubert, Normand. 1975. Etude spéciale du corégone anadrome des rivières Eastmain et La Grande rivière, 1974. Rapp. Soc. d'Energie Baie James. Env., Div. Rel. Ecol. Div. Constr., Prog. d'expl. 39: 1-14.

----- 1977. Migration des corégonidés de l'estuaire de La Grande Rivière. Annales L'ACFAS 44(1):162.

----- and Magnin, Etienne. 1977. Biologie des principales espèces de poissons du bassin inférieur de la Grande Rivière. Rapp. Soc. d'Energie Baie James Serv. Env. Service Environnement, Société d'Energie de la Baie James, Programme 62, Rapport Scientifique. 53 pp., 10 fig., 36 tables.

Fechhelm, Robert G., Neill, William H. and Gallaway, Benny J. 1983. Temperature preference of juvenile Arctic cisco (Coregonus autumnalis) from the Alaskan Beaufort Sea. Biological Papers of the Univ. of Alaska (21):XX-XX, XX fig.

Feilden, (Lieut. Colonel), Henry Wemyss. 1878. Notes from an Arctic journal. Zoologist, ser. 3, 2: 313-320.

----- 1889. On the zoology of Captain Markham's voyage to Hudson's Bay in the summer of 1886. Fishes. p. 352. Norfolk and Norwich Naturalist's Soc. Trans. 4: 344-353.

Ferguson, D. 1974. Koluktoo - angler's delight. Arctic in Colour 3(2): 30-36.

Ferguson, J. D. 1961. The human ecology and social economic change in the community of Tuktoyaktuk, N. W. T. Northern Coordination and Research Centre, Dept. Northern Affairs and Natl. Resources, Ottawa. (NCRC 61-1). 80 pp.

Finley, K. J. 1976. Studies of the status of marine mammals in the central Canadian Arctic: June-August, 1975. Unpublished Report for Polar Gas Project Ltd. by LGL Ltd. 183 pp.

-----, Davis, R. A. and Richardson, W. J. 1974. Preliminary studies of marine animals in the central Canadian Arctic - 1974: a preliminary report. Unpublished Report for Polar Gas Project Ltd. 68 pp.

----- and Evans, C.R. 1983. Summer diet of the bearded seal (Erignathus barbatus) in the Canadian high arctic. Arctic 36(1):82-89.

----- and Gibb, E.J. 1982. Summer diet of the narwhal (Monodon monoceros) in Pond Inlet, northern Baffin Island. Canadian J. Zool. 60(12):3353-3363.

----- and Miller, G. 1980. Wildlife harvest statistics from Clyde River, Grise Fjord and Pond Inlet, 1979. LGL Ltd. Rept. for Petro-Canada Exploration, 1980. pagination unknown.

Fisher, Alexander. 1821. A journal of a voyage of discovery to the Arctic regions in His Majesty's ships Hecla and Griper in the years 1819 and 1820. Longman, Hurst, Rees, Orme & Brown, London. 320 pp., 1 fold. map.

Fisher, H. D. 1958. Arctic investigations by the Fisheries Research Board of Canada, 1956-1957. Arctic 10(4): 244-245.

Flaherty, R. J. 1918. Two traverses across Ungava Peninsula, Labrador. Geogr. Review 6(2): 116-132, 12 fig., 1 fold. map.

Foerster, Russell Earle. 1968. The sockeye salmon, Oncorhynchus nerka. Bull. Fish. Res. Bd. Canada (162): 1-422, 96 fig.

Forster, John Reinhold. 1771. Catalogue of the animals of North America, containing an enumeration of the known quadrupeds, birds fish. London. 43 pp., 1 pl. (Reprinted in 1882 by the Willoughby Society).

----- 1773. An account of some curious fishes sent from Hudson Bay. Phil. Trans. Roy. Soc. London 63(1): 149-157, pl. VI.

----- 1809. Of some curious fishes , sent from Hudson's Bay. Phil. Trans. Roy. Soc. London 13: 410-413 (abridged version of above).

Franklin, J. 1823. See Richardson, John. 1823.

Franklin, Sir John. 1828. Narrative of a second expedition to the shores of the Polar Sea in the years 1825, 1826, 1827. J. Murray, London.

Franzin, William Gilbert. 1974. Genetic studies of protein variants and their use in a zoogeographic study of lake whitefish, Coregonus clupeaformis (Mitchill) in western Canada. Ph. D. thesis, Univ. Manitoba, Dept. Zoology,

G

Gadbury, M. N. 1978. Biological investigations on brook trout (Salvelinus fontinalis) populations in the Long Spruce-Limestone area from 1975 to 1977 and implications of hydro-electric development of the lower Nelson River. Manitoba Dept. Renewable Resources and Transportation Services. Fisheries Research Section. Research Manuscript Rep. (78-48): 1-146, 17 fig.

----- 1980. A report on the 1979 study of brook trout (Salvelinus fontinalis) populations in the lower Nelson River system. Manitoba Dept. Nat. Resour. MS Rep. 80-23: 1-45.

Galbraith, D. F., and Fraser, D. C. 1974. Distribution and food habits of fish in eastern coastal Beaufort Sea. Beaufort Sea Project, Dept. Environ., Victoria. 48 pp. (Interim Rept. of Beaufort Sea Project Study B 1, Eastern, Dec. 1974).

----- and Hunter, John Gerald. 1976. Fishes of offshore waters and Tuktoyaktuk Peninsula. Beaufort Sea Project. Dept. Environ. Victoria, B. C. Beaufort Sea Project Technical Rep. (7): 1-16 + append.

Gallaway, Benny J., Griffiths, William B., Craig, Peter C., Gazey, William J. and Helmericks, James W. 1983. An assessment of the Colville River Delta stock of Arctic cisco - migrants from Canada. Biological Papers of the University of Alaska (21):XX-XX, X fig.

Gamble, R.L. 1985. A preliminary study of the native harvest of wildlife in the Keewatin region, Northwest Territories. Canadian Tech. Rept. Fish. Aquat. Sci. (1282): i-iv + 1-48, 7

fig.

Garrod, D. J. 1966. The West Greenland cod fishery. Polar Record 13: 23-28.

Gaston, Anthony J. 1985. The diet of Thick-billed Murre chicks in the eastern Canadian Arctic. The Auk 102(4): 727-734, 2 fig.

-----, Cairns, D.K., Elliot, R.D., and Noble, D.G. 1985. A natural history of Digges Sound. Canadian Wildlife Service Rep. (46): 1-63, 32 fig.

----- and Nettleship, David N. 1981 (1982). The Thick-billed Murres of Prince Leopold Island. Canadian Wildlife Service Monograph Series (6): i-xxvii + 1-350, 127 text-fig., 18 col. pl.

Gilbert, Charles Henry. 1895.1. The ichthyological collections of the steamer Albatross during the years 1890 and 1891. Report on the fishes collected in Bering Sea and the North Pacific Ocean during the summer of 1890. United States Comm. Fish Fish., Rep. Commissioner, Part 19: 393-460, pl. 20-34.

----- 1895.2. Notes on fishes from the basin of the Mackenzie River in British America. Bull. U. S. Fish. Comm. for 1894. 14: 23-25.

Gill, Theodore Nicholas. 1864. Notes on the family of stichaeoids. Proc. Acad. Nat. Sci. Philadelphia 16: 208-211.

----- 1873. Catalogue and bibliography of the fishes of the east coast of North America. Rep. U. S. Comm. Fish. for 1871 and 1872. pp. 779-822.

Gillman, D.V. and Kristofferson, A.H. 1984.1. Biological data on Arctic charr, Salvelinus alpinus (L.), from the Coppermine River, Northwest Territories, 1981-82. Canadian Data Rep. Fish. Aquat. Sci. (440): i-iv + 1-16, 5 fig., 1 maturity flow chart.

----- 1984.2. Biological data on Pacific herring (Clupea harengus pallasii) from Tuktoyaktuk Harbour and the Liverpool Bay area, Northwest Territories, 1981 to 1983. Canadian Data Rept. Fish. Aquat. Sci. (485): i-iv + 1-22, 8 fig.

Glova, G. and McCart, Peter J. 1974. Life history of the Arctic char (Salvelinus alpinus) in the Firth River, Yukon Territory. In Peter J. McCart (ed.). Life histories of anadromous and freshwater fish in western Arctic. Canadian Arctic Gas Study Ltd., Biological Report Series 20(3): 1-50.

----- 1978. Studies of Arctic char populations in Nachvak Fiord, Labrador. Report for Esso Resources Canada Ltd., Aquitaine Co. Canada Ltd., and Canada Cities Service Ltd., under Arctic Petroleum Operators Association Project No. 146 by Aquatic Environments Ltd., Calgary, Alberta. December 1978. ix + 116 pp.

Godt, P. 1964. The Canadian Eskimo co-operative movement. Polar Record 12(77): 157-160.

Golden, P. C. 1974. Oil removal techniques in an Arctic environment. J. Marine Technology Soc. 8(1): 38-43.

Goodwin, C. Ross and Howard, Lynda M. (eds.). 1984. The Beaufort Sea, Mackenzie Delta, Mackenzie Valley, and northern Yukon: A bibliographical review. Office of Northern Research and Science Advisor, Dep. Northern Ind. Aff.

Gordon, A. R. 1884. See Bell, R. 1884.1.

----- 1885. Report of the second Hudson's Bay Expedition. Dept. Marine and Fisheries, Ottawa. pp. 1-112, 2 fold. maps.

----- 1886. Report of the Hudson's Bay Expedition of 1886. Dept. Marine and Fisheries, Ottawa. pp. 1-133, illus., fold. maps.

Gordon, Malcom S. 1957. Observations on osmoregulation in the arctic char (Salvelinus alpinus L.). Biol. Bull. 112(1): 28-33, 1 fig.

Grainger, Edward Henry. 1953. On the age, growth, migration, reproductive potential and feeding habits of the Arctic char (Salvelinus alpinus) of Frobisher Bay, Baffin Island. J. Fish. Res. Bd. Canada 10(6): 326-370, 22 fig.

----- 1954.1. On the age, growth, migratory habits and reproductive potential of the Arctic char (Salvelinus alpinus) of Frobisher Bay, Baffin Island. Ph.D. thesis, Dept. Zoology, McGill Univ., Montréal, Québec. 163 pp.

----- 1954.2. Station list of the "Calanus" Expeditions, 1951-52, together with Frobisher Bay stations, 1948, 1950 and 1951, and Resolution Island stations, 1950. J. Fish. Res. Bd. Canada 11(1): 98-105, 3 maps.

----- 1974. Baseline study of the marine environment in the area of the Mackenzie Delta. Part III(a) pf a series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula region. Canada, Environmental-Social Committee Northern Pipelines, Task Force on Northern Oil Development. Report 74-22: 1-195.

----- and Dunbar, Maxwell John. 1956. Station list of the "Calanus" Expeditions, 1953-54. J. Fish. Res. Bd. Canada 13(1): 41-45, 1 map.

----- and Hsiao, Stephen J.C. 1982. A study of the ice biota of Frobisher Bay, Baffin Island, 1979-1981. Canadian Manuscr. Rep. Fish. Aquat. Sci. (1647): i-ix + 1- 128, 2 fig.

----- and Hunter, John Gerald. 1959. Station list of the 1955-58 field investigations of the Arctic Unit of the Fisheries Research Board of Canada. J. Fish. Res. Bd. Canada 16(4): 403-420, 11 maps.

-----, Mohammed, A.A., and Lovrity, J.E. 1985. The sea ice fauna of Frobisher Bay, Arctic Canada. Arctic 38(1): 23-30, 2 fig.

Gray, John Edward. 1850. Fishes, collected during Mr. Rae's expedition. pp. 204-205. In John Rae. Narrative of an expedition to the shores of the Arctic Sea in 1846 and 1847. T. & W. Boone, London. 247 pp.

Greeley, Adolphus W. 1886. Three years of Arctic service, an account of the Lady Franklin Bay Expedition of 1881-84 and the attainment of the farthest North. 1: 1-428, illus., 1 fold. map; 2: 1-444, illus., 1 fold. map.

Green, D. R., Bowden, C., Cretney, W. J. and Wong, C. S. 1974. The Alert Bay oil spill: a one year study of the recovery of a contaminated bay. Canada Mar. Sci. Directorate. Pacific Region. Pac. Mar. Sci. Rep. 74-9. 46 pp.

Green, John Marshall. 1970. The banded gunnel, Pholis fasciatus, in Newfoundland. J. Fish. Res. Bd. Canada 27(11): 2120-2121.

----- and Steele, Donald Harold. 1977. Observations on marine life beneath sea ice, Resolute Bay, N. W. T. Proc. Circumpolar Conference on Northern Ecology, Sept. 15-18, 1975, National Research Council, Ottawa. II-77-II-86, 2 figs.

Greendale, R. and Hunter, John Gerald. 1978. Feeding of freshwater fishes in estuarine and coastal waters. Fisheries and Environ. Canada, Fish. Mar. Serv. Tech. Rep. (777): i-iii + 1-11, 2 fig.

Griffiths, W.B., Craig, Peter, Walder, G. and Mann, G. 1975. Fisheries investigations in a coastal region of the Beaufort Sea (Nunaluk Lagoon, Yukon Territory). In Peter C. Craig (ed.). Canadian Arctic Gas Study Ltd., Calgary. Biological Report Series 34(2): 1-219.

-----, Sekerak, A.D., and Jones, M. 1974. Distribution of fish species along alternative gas pipeline corridors in

Alaska and the Yukon Territory. In Peter J. McCart (ed.). Classification of streams in Beaufort Sea drainages and distribution of fish in Arctic and Subarctic drainages. Canadian Arctic Gas Study Ltd., Calgary. Biol. Rep. Ser. 19(2): 1-176.

Gross, P., Spence, J. A. and Weinstein, M. 1974. Fisheries studies in the La Grande River and coastal region of James Bay near Fort George. Rep. Indians Que. Assoc. North. Inuit Assoc. 65 pp.

Gruchy, Charles George. 1971. Salmon nomenclature. Nature 234(5328): 360.

Gruchy, Iola M. and McAllister, Donald Evan. 1973. A bibliography of the smelt family, Osmeridae. Fish. Res. Bd. Canada Tech. Rept. (368): i-ii + 1-104.

Guderley, H. and Richard, L. 1985. Changes in the aerobic capacity of swimming muscles during the reproductive migration of the whitefish Coregonus clupeaformis, and the cisco, Coregonus artedii. 69th Ann. Meet. Fed. Amer. Soc. Exp. Biol., Proc. 1985. 44(3): 852.

Günther, Albert Carl Ludwig Gotthilf. 1860. Catalogue of the acanthopterygian fishes in the collection of the British Museum. London. 2: i-xxi + 1-548, illus.

----- 1861. Catalogue of the acanthopterygian fishes in the collection of the British Museum. London. 3: i-xxv + 1-586.

----- 1862. Catalogue of the fishes in the British Museum. London. 4: i-xxi + 1-534.

----- 1866. Catalogue of the fishes in the British Museum. London. 6: i-xv + 1-368, illus.

----- 1868. Catalogue of the fishes in the British Museum. London. 7: i-xx + 1-512.

----- 1870. Catalogue of the fishes in the British Museum. London. 8: i-xxv + 1-549.

----- 1877.1. Account of the fishes collected by Capt. Feilden between 78° and 83° N. Lat., during the Arctic Expedition 1875-76. Proc. Zool. Soc. London 1877: 293-295, col. pl. XXXII, 1 text-fig.

----- 1877.2 Report on a collection of fishes made by Mr. C. Hart during the late Arctic expedition. Proc. Zool. Soc. London. 1877: 475-477, col. pl. L.

----- 1878. Ichthyology. 2: 218-222, 1 fig. In Capt.

Sir G. S. Nares, Narrative of a voyage to the Polar Sea during 1875-76 in H. M. ships Alert and Discovery. 2: 1-378, illus.

----- 1881. Fish from the Arctic regions. In A. H. Markham. A polar reconnaissance, ... Appendix I. London. 361 pp., illus.

H

Hachey, H. B. 1930. Hudson Bay a desert sea. Canadian Fisherman 17(11): 11-13, 1 map, 2 photos.

----- 1931.1. Report on the Hudson Bay fisheries expedition of 1930. Contrib. Canadian Biol. Fish., N. S. 6: 3-9.

----- 1931.2. Biological and oceanographic conditions in Hudson Bay. 2. Report on the Hudson Bay Fisheries Expeditions of 1930. A. Open water investigations with the S. S. Loubyrne. Contrib. Canadian Biol. Fish., N. S., 6(23): 463-471, 1 map.

Hagen, Donald W. and Moodie, G. E. E. 1982. Polymorphism for plate morphs in Gasterosteus aculeatus on the east coast of Canada and an hypothesis for their global distribution. Canadian J. Zool. 60(5): 1032-1042, 3 figs.

Haldorson, Lewis and Craig, Peter C. 1984. Life history and ecology of a Pacific-Arctic population of rainbow smelt in coastal waters of the Beaufort Sea. Trans. Amer. Fish. Soc. 113(1): 33-38, 1 fig.

----- and Craig, Peter C. In press. Pacific salmon in the North American Arctic. Arctic XX:XXX-XXX, X fig.

Halkett, Andrew. 1898. List of zoological specimens, etc., collected by Dr. Wakeham and Mr. Low at various points in Hudson Bay and Strait during season of 1897. Report of the Expedition to Hudson Bay and Cumberland Gulf in the steamship Diana under the command of William Wakeham in the year 1897. Dept. Marine and Fisheries Canada. pp. 80-82.

----- 1905.1. A naturalist in the frozen North. The Ottawa Naturalist 19(4): 79-86, (5): 104-109, (6): 115-117.

----- 1905.2. (Preliminary report on animals of Hudson Bay Expedition, 1903-1904). pp. xlvii-xlix. In F. Gourdeau,

Report of the Deputy Minister, pp. xi-xlix. Sessional Paper No. 22, 37th Ann. Rep. Dept. Marine Fisheries for 1904. King's Printer, Ottawa.

----- 1906. Fishes. pp. 362-368. Report of the Canadian Fisheries Museum. Appendix No. 14, Sessional Pap. No.22, 38th Ann. Rep. Dept. Marine and Fisheries for 1905. King's Printer, Ottawa. pp. 362-370.

----- 1913. Check list of the fishes of the Dominion of Canada and Newfoundland. King's Printer, Ottawa. 138 pp., 14 plates.

----- 1920. Natural history report. Appendix 2. Ann. Rep. Fish. Br. Dept. Naval Service for 1919. Session Paper No. 40: 52-57.

----- 1929. A popular account of the fishes of Canada from the lampreys and hagfishes to the viper fishes inclusive. King's Printer, Ottawa. 38 pp.

----- and Soper, J. Dewey. 1928. Notes on a collection of fish from Baffin Island (by Andrew Halkett). pp. 117-118, Fishes (by J. Dewey Soper). p. 116. In J. Dewey Soper. A faunal investigation of southern Baffin Island. Bull. Nat. Mus. Canada (53): 1-143, 8 pl., 1 chart.

Hall, Charles F. 1879. See Nourse, J.E. (ed.) 1879.

Halliday, Ralph Gilmore. 1970. Growth and vertical distribution of the glacier lanternfish, Bentho-sema glaciale, in the northwestern Atlantic. J. Fish. Res. Bd. Canada 27(1): 105-116, 4 fig.

Hanbury, D. T. 1904. Sport and travel in the northland of Canada. Edward Arnold, London. 319 pp., illus., col. pl., fold. maps.

Hansen, W., Bulleid, E. and Dunbar, Maxwell John. 1971. Scattering layers and the copepod plankton in the upper 300 metres of the Beaufort Sea. McGill Univ. Mar. Sci. Centre Manuscript Report (20): 1-84.

Hanson, H. C. P., Queneau, P. and Scott, P. 1956. The geography, birds and mammals of the Perry River region. Appendix II. Miscellaneous zoological collections and observations. p. 91. Arctic Institute of North America, Spec. Pub. (3): 1-96.

Hargens, A. R. 1972. Freezing resistance in polar fishes. Science 776(4031): 184-186, 2 fig.

Harper, Francis. 1961. Field and historical notes on fresh-water fishes of the Ungava Peninsula and on certain

marine fishes of the North Shore of the Gulf of St. Lawrence. J. Elisha Mitchill Sci. Soc. 77(72): 310-342, 2 pl., 20 maps.

Harrington, Richard. 1985. Lake Hazen, an Arctic Riviera. The Beaver, Spring 1985, Outfit 315:4, pp. 4-9, 9 col. and black and white photos, 1 map.

Hatfield, Christie Tisdall, Stein, J. N., Falk, M. R. and Jessop, C. S. 1972. Fish resources of the Mackenzie River Valley. Interim Report 1, Vol. 1, Environ. Canada, Fish. Serv. 249 pp.

----- and Shepard, D. N. 1972. Ibid. Vol. 2. 289 pp., maps.

Hatfield, Christie Tisdall and Williams, G. L. 1976. A summary of possible environmental effects of disposing of mine tailings into Strathcona Sound, Baffin Island. Indian and Northern Affairs. North of 60. ALUR 75-76-38. Ottawa, Ontario. pp. i-vii + 1-76, 11 fig.

Hattersley-Smith, G. F. 1952. Beaufort Sea Expedition 1951. Arctic Circular 5: 13-17. (Mimeo).

----- 1964. Operation Hazen. pp. 119-124. In The unbelievable land. Queen's Printer, Ottawa. Dept. Northern Affairs Nat. Resources, 140 pp., photos, maps.

Hazel, Pierre Paul. 1978. Croissance en longueur et en masse des meunier rouges Catostomus catostomus du bassin hydrographiques de La Grande Rivière, territoire de la Baie James. Annales L'ACFAS 45(1): 176.

-----, Paul, Mauffette, R., and Legendre, Vianney. 1974. Répartition géographique des poissons dans les bassins hydrographiques des rivières Nottaway, Broadback, Rupert, La Grande (Baie James), Grande Baleine (Baie d'Hudson), et Caniapiscaw (Baie d'Ungava). ASIH, Ottawa, Canada, 19 juin, 1974. pp. 1-11, 3 figs.

-----, Taillefer, J., and Boucher, R. 1974. Poissons capturés en 1973 dans le bassin de la rivière La Grande du millage 23 jusqu'à la baie James (secteur 1). Lab. Ecol. Soc. d'Energie Baie James, Univ. Montréal, Rapp. Rech. 1: 1-91.

Healey, M. C. 1977. Characteristics of northern trout and lake whitefish populations. pp. III-97 - II-101. In Proceedings of the circumpolar conference on polar ecology, September 15-18, 1975. National Research Council of Canada, Ottawa.

----- 1978. Response of a lake whitefish (Coregonus clupeaformis) population to exploitation. Verhandlungen int. Verein. theor. angen Limnol. 20(3):2019-2024, illus.

----- and Nicol, C.W. 1975. Fecundity comparisons for various stocks of lake whitefish, Coregonus clupeaformis. J. Fish. Res. Bd. Canada 32(3):404-407, 1 fig.

Hearne, Samuel. 1796. A journey from Prince of Wales' Fort in Hudson's Bay to the Northern Ocean undertaken by the order of the Hudson's Co. for the discovery of copper mines, a northwest passage, etc. in the years 1767, 1770, 1771, and 1772. London. 458 pp.

Hemstock, C. A. and Cooke, G. A. 1973. Yukon bibliography update 1963-1970. Boreal Institute of Northern Studies, Occasional Pub., Edmonton. Vol. 18-1, 420 pp.

Henn, Arthur Wilbur. 1932. Some fishes of Southampton Island. Section 3, Part II. Zoology. In George Miksch Sutton. The exploration of Southampton Island, Hudson Bay. Mem. Carnegie Mus. 12: 1-3.

Hennessey, Frank. 1910. Report on birds, animals, crustacea found in expedition of the Arctic, 1908-9. p. 513. In Capt. J. E. Bernier. Report on the Dominion of Canada Government Expedition to the Arctic Islands and Hudson Strait on board the D. G. S. Arctic. Dept. Marine and Fisheries, Ottawa. 529 pp., illus., 1 fold. map.

Herlinveaux, R. H. 1970. Icepack 8/68 - oceanographic and biological observations. Fish. Res. Bd. Canada, Tech. Rept., Nanaimo (159): 1-60, photos.

Hildebrand, Henry. 1948. Marine fish of Arctic Canada. M. Sc. thesis, McGill Univ., Montréal, Québec. 123 + xiv pp.

Hildebrand, Samuel F. 1939. An annotated list of the fishes collected on the several expeditions to Greenland, the Foxøe Basin region, and the coast of Labrador by Captain R. A. Bartlett, from 1925 to 1935. Medd. om Gronland 125(1): 1-12.

Hinks, David. 1943. The fishes of Manitoba. Manitoba Dept. Mines and Nat. Res., Saults & Pollard Ltd., Winnipeg. 102 pp., 17 fig., plus illus. of fishes and fishing, 5 maps. (For supplement see Keleher and Kooyman, 1957.)

Holeton, G. F. 1973. Respiration of Arctic char (Salvelinus alpinus) from a high arctic lake. J. Fish. Res. Bd. Canada 30(6): 717-723, 3 fig.

----- 1974. Metabolic cold adaptation of polar fish: fact or artifact? Physiological Zoology 47: 137-152.

----- 1976. Respiratory morphometrics of white and red blooded Antarctic fish. Comparative Biochem. Physiol. (A) 54 (2):215-220, 2 fig.

Holmquist, Otto. 1899. List of the fishes collected during the Peary auxilliary expedition, 1894. Ann. Mag. Nat. Hist. (7): 3: 214-223.

Homan, M. T. 1980. Environmental research & monitoring program - Arctic Pilot Project. Canadian Soc. Environmental Biologists Newsletter, Toronto 37(2): 5-11.

Hopky, G. E. and Ratynski, R. A. 1983. Relative abundance, spatial and temporal distribution, age and growth of fishes in Tuktoyaktuk Harbour, N. W. T., 28 June to 5 September 1981. Canadian Manuscript Rep. Fish. Aquat. Sci. (1713): i-v + 1-71, 29 figs.

Huatiuk, J. 1975. An environmental research program for drilling in the Canadian Beaufort Sea. Society of Petroleum Engineers of AIME. 50th Annual Fall Meeting. 14 pp.

----- 1976. Results of environmental research program in the Canadian Beaufort Sea. Eight Annual Offshore Technology Conference 1976 Proc. 1: 221-234.

Hubbs, Carl Leavitt and Wilimovsky, Norman Joseph. 1964. Distribution and synonymy in the Pacific Ocean, and variation, of the Greenland halibut, Reinhardtius hippoglossoides (Walbaum). J. Fish. Res. Bd. Canada 21(5): 1129-1154, 5 fig.

Hubert, Normand. 1975. Etude spéciale du corégone anadrome des rivières Eastmain et la Grande Rivière, 1974. Programme Société d'Energie de la Baie James No. 39: 1-14, 0 fig.

Hufford, G. L. et al. 1974. An ecological survey in the Beaufort Sea, August and September, 1971-1972. U. S. Coast Guard Oceanogr. Rep. CG 373-64. 368 pp.

Hunt, A. D., MacNabb, G. M., and Tener, John S. 1974. Mackenzie Valley - Northern Yukon pipelines, socio-economic and environmental aspects. Environ. Canada, Ottawa. Photographs, maps. (Report to Task Force on Northern Oil Development 74-17).

Hunter, John Gerald. 1957. Fishery resources survey of the western Arctic. Arctic Biol. Station, Fish. Res. Bd., Ste. Anne de Bellevue, Québec. 24 pp.

----- 1966. The Arctic char. Canada Dept. Fish., Fisheries Fact Sheet, pp. 17-19 (1-4 in reprint), 3 fig. (1 map).

----- 1967.1. Distribution of fishes in the marine waters of Arctic Canada. Abstract. Northeast Fish and Wildlife Conference. Quebec City. p. 45.

- 1967.2. Field activities of the Fisheries Research Board of Canada in the Arctic in 1965. Arctic Circular 17(1): 14-16.
- 1968.1. Production of Arctic char (Salvelinus alpinus Linnaeus) in a small Arctic lake. Ph.D. thesis, McGill Univ., Montréal, Québec. 190 pp.
- 1968.2. Fishes and fisheries. pp. 360-378. In Science, history and Hudson Bay. Dept. Energy Mines and Resources, Ottawa. Vol. 1.
- 1970. Production of Arctic char (Salvelinus alpinus Linnaeus) in a small arctic lake. Fish. Res. Bd. Canada Tech. Rep. (231): i-xvii + 1-190, 29 fig., 1 pl., 1 map.
- 1971. Fisheries Research Board studies in Canada's Arctic. Canadian Geogr. J. 82(5): 100-107.
- 1972. Life in northern seas. Address to Northern Canada Offshore Drilling Meeting, Ottawa, December 1972. 9 pp.
- 1974. Pacific salmon in Arctic Canada. Fish. Res. Bd. Canada Manuscript Rep. (1319): 1-12, 2 fig. (maps).
- 1975. Fishery resources of the western Arctic. Fish. Res. Bd. Canada Manuscript Rep. (1335): 1-24.
- 1976. Arctic char and hydroelectric power in the Sylvia Grinnell River. Fish. Res. Bd. Canada Manuscript Rep. (1376): 1-21, 9 fig.
- 1978. Synopsis of aquatic renewable resources of the Canadian Arctic. Northern Transitions, Ottawa. Vol. II. pp. 181-185, 3 fig.
- 1979. Abundance and distribution of Arctic cod, Boreogadus saida, in the southeastern Beaufort Sea. Canadian Atlantic Fisheries Scientific Advisory Committee (CAFSAC) Research Document 79/39: 1-13, 4 fig. Fisheries and Oceans Canada, Dartmouth, Nova Scotia.
- 1981. Distribution and abundance of fishes of the southeastern Beaufort Sea. Unpublished Report.
- , Jones, Margaret B., and Rich, Leslie M. 1980. Chapter 6. Fish. pp. 97-130. In A marine biological study of Brevoort Harbour and nearby waters of eastern Baffin Island. Canadian Manuscript Rep. Fish. Aquat. Sci. (1557): 1-208, 9 fig.

----- and Kidd, Brian T. 1973. Inventaire des estuaires et des rivières Eastmain, La Grande, Roggan et Grande Baleine. Canadian Min. Environ., Stat. Biol. Arctique.

-----, Kidd, Brian T., Greendale, R., Baxter, R., and Morin, R. 1976. Fisheries resources of the lower reaches and coastal regions of the Eastmain, La Grande, Roggan and Great Whale rivers from 1973 to 1975. Compte-rendu Symp. Env.- Baie James, Montréal, Qué. pp. 299-321, 5 fig.

----- and Leach, Shirley T. 1983. Station lists of fisheries investigations carried out by the Arctic Biological Station during the years 1947 to 1979. Canadian Data Rep. Fish. Aquat. Sci. (413): i-ix, 1-220, 1 fig.

----- 1983. Hydrographic data collected during fisheries activities of the Arctic Biological Station, 1960 to 1979. Canadian Data Rep. Fish. Aquat. Sci. (414): i-ix + 1-87.

Huntsman, Archibald Gowanlock. 1918. Fishery prospects for Hudson and James Bay. Canadian Fisherman 5(8): 896-898.

----- 1931. Biological and oceanographic conditions in Hudson Bay. I. Hudson Bay and the determination of fisheries. Contr. Canadian Biol. Fish., N. S. 6(22): 455-462, 1 fig.

----- 1954. Production of life in Hudson Bay. Trans. Roy. Soc. Canada, ser. 3, 48: 25-29.

I

Imperial Oil Ltd., Aquitaine Co. of Canada and Canada-Cities Service Ltd. 1978.1. Environmental impact statement for exploratory drilling in Davis Strait region. Section 4.2. Biota. pp. 4.2-14 to 4.2-19, fig. 4.2-13 to 4.2-19.

----- 1978.2. Summary environmental impact statement for exploratory drilling in Davis Strait region. Rept. 166-1. pagination unknown.

----- 1979. Supplement to environmental impact statement. Rept. 143-3. pagination unknown.

Iredale. D. G. 1981. Commercial processing of charr in Canada's eastern Arctic. International Symposium on Arctic Charr. Abstracts. May 4-8, 1981. Univ. Manitoba, Winnipeg. p. 41.

J

Jackson, H. H. T., Charters, E. M., Duvall, A. J. and Hildebrand, F. 1949. Literature on the natural history of the Arctic region with special reference to Alaska and Canada. Wildlife Leaflet, U. S. Fish and Wildlife Service 317: 1-48.

James Bay and Northern Quebec Native Harvesting Research Committee. 1976. Research to establish levels of harvesting by native peoples of Northern Quebec. Part I. A report on the harvests by the James Bay Cree. Montreal. 2 volumes.

Jamieson, A. and Turner, R.J. 1978. The extended series of Tf alleles in Atlantic cod, Gadus morhua. NATO Conf. Ser. (Mar. Sci.) 2: 699.

Jangaard, Peter Michael. 1974. The capelin (Mallotus villosus), biology, distribution, exploitation, utilization, and composition. Fish. Res. Bd. Canada Bull. (186): i-x + 1-70, 55 fig. incl. maps, 1 col. pl.

Jenness, Diamond. 1922. Part A. The life of the Copper Eskimos. Report of the Canadian Arctic Expedition 1913-18, Southern Party, 1913-1916, 12: 1-227, 9 pl., 69 text-fig. (see sections on Food, pp. 97-108, and Fishing 152-157, fig. 50).

----- 1928. Eskimo language and technology. Part A: Comparative vocabulary of the western Eskimo dialects. Rep. Canadian Arctic Expedition 1913-1918. 15: 1-134.

----- 1933. Canada's fisheries and fisheries population. Proc. Trans. Roy. Soc. Canada 27, section 2: 4146.

Jensen, Adolf Severin. 1904. The North-European and Greenland Lycopinae. The Danish Ingolf-Expedition 2(4): 1- 99, 10 pl., 1 col. chart, 33 text-fig., station list.

----- 1910. Fishes. Rep. Second Norwegian Arctic Exped. in the Fram, 1898-1902. Kristiana. (25): 1-15.

----- 1926. Investigations of the Dana in West Greenland waters, 1925. Cons. Perm. Int. l'Explor. Mer, Rapports Procès-verb. Réunions 39: 85-102.

----- 1935. The Greenland halibut (Reinhardtius hippoglossoides (Walb.)), its development and migrations. Det. Kgl. Danske Vidensk. Selsk. Skrifter, Naturv. og Math, Afd., ser. 9, 6(4): 1-32, 4 pl., 10 fig., charts A-F.

----- 1939. Concerning a change of climate during recent decades in the Arctic and Subarctic regions, from Greenland in the west to Eurasia in the east, and contemporary biological and physical changes. Det. Kgl. Danske Vidensk. Selskab., Biol. Medd. 14: (8): 1-75, 2 charts.

----- 1941. The marsipobranchs of Greenland. Vidensk. Medd. Dansk. Naturhist., Copenhagen 105: 55-57.

----- 1942. Contributions to the ichthyofauna of Greenland. 1. The northern species of the genus Paralepis. 2. The Greenland species of the genera Leptagonus and Aspidophoroides. 3. The Greenland species of the genus Pholis. Skrifter Universitets Zoologiske Museum, Kobenhavn, 2: 1-44, 8 pl., 8 text-fig.

----- 1944. Contributions to the ichthyofauna of Greenland. 4. The genus Triglops. 5. The Greenland species of the genera Stichaeus and Eumesogrammus, 7. The Greenland species of the genera Cyclopterus, Eumicrotremus and Cyclopteroopsis. Skrifter Universitets Zoologiske Museum, Kobenhavn 4: 1-60, 8 pl., 15 text-fig., 3 charts.

----- 1948. Contributions to the ichthyofauna of Greenland. 8. Squalidae, 9. Rajidae, 10. Synphobranchidae, 11. Saccopharyngidae, 12. Clupeidae, 13. Alepocephalidae, 14. Salmonidae, 15. Argentinidae, 16. Microstomidae, 17. Myctophidae, 18. Gonostomidae, 19. Stomiatidae, 20. Alepisauridae, 21. Anarhichadidae, 22. Brotulidae, 23. Gadidae, 24. Macrouridae. Skrifter Universitets Zoologiske Museum, Kobenhavn 9: 1-182, 4 pl., 26 text-fig., 7 charts.

----- 1950. On some deepsea fishes caught by the Danish Godthaab Expedition 1928, not previously known from west Greenland. Vidensk Medd. Dansk Naturhist. Foren. Kobenhavn, 112: 243-248, 3 fig., incl. 1 map.

----- 1952.1. Recent finds of Lycodinae in Greenland waters. Medd. om Gronland 142(7): 1-28, 2 pl.

----- 1952.2. On the Greenland species of the genera Arteidiellus, Cottunculus, and Gymnocanthus (Teleostei, Scleroparei, - Cottidae). Medd. om Gronland 142(7): 1-21, 1 pl., 2 fig.

----- and Volose, Helge. 1949. A revision of the genus Icelus (Cottidae) with remarks on the structure of its urogenital papilla. Det. Kgl. Danske Videnskab. Selskab.

Biol. Meddel. 21(6): 1-16, 12 fig., 3 maps.

Jessop, Brian Michael. 1972. Aging round whitefish (Prosopium cylindraceum) of the Leaf River, Ungava, Quebec, by otoliths. J. Fish. Res. Bd. Canada 29(4): 452-454, 3 fig., pl.

-----, Lee, R. L. G. and Power, Geoffrey. 1971. Observations on the fish fauna of the Leaf River, Ungava. Canadian Field-Nat. 84(4): 365-367.

----- and Lilley, J. W. 1975. An evaluation of the fish resources of the Mackenzie River Valley based on 1974 data. Fish. Mar. Serv., Environ. Canada, Winnipeg. Tech. Rep. Ser. No. CEN/T-75-6, xi + 97 pp., 29 figs.

----- and Power, Geoffrey. 1973. Age, growth, and maturity of round whitefish (Prosopium cylindraceum) from the Leaf River, Ungava, Quebec. J. Fish. Res. Bd. Canada 30(2): 299-304, 2 fig.

Jessop, C. S., Chang-kue, K. T. J., Lilley, J. W., and Percy, R. J. 1974. A further evaluation of the fish resources of the Mackenzie River Valley as related to pipeline development. Environmental-Social Program, Northern Pipelines, Task Force Rep. 74-7, 95 pp.

-----, Porter, T. R., Blouw, M., and Sopuck, R. 1973. An intensive study of the fish resources of the two main stem tributaries. Fish Resources of the Mackenzie River Valley, Special Rep. pp. 1-148, 68 fig., appendices A-G.

Johansen, Frits. 1917. Fishes and invertebrates. Geol. Surv., Dept. Mines. Summary Rep. for 1916, Sess. Paper (26):384-385.

----- 1925. Fishes and marine invertebrates collected during the cruise of the "Arctic" in 1923. Canadian Field-Nat. 39(9): 203-204.

----- MS. Natural history observations during the Canadian Hudson Strait expedition during 1927. pp. 1-113. 1927.

----- MS. Fishes of Arctic America. Unpublished incomplete manuscript in National Museum of Natural Sciences, Ottawa. Published in part by Walters (1953.1).

Johnson, Lionel. 1962. The relict fauna of Greiner Lake, Victoria Island, N. W. T., Canada. J. Fish. Res. Bd. Canada 19(6): 1105-1120.

----- 1964. Marine glacial relicts of the Canadian Arctic islands. Syst. Zool. 13(2): 76-91, 8 fig.

- 1965. The salinity of Baker lake, N. W. T. J. Fish. Res. Bd. Canada 22(1): 239-241, 1 fig.
- 1973. Stock and recruitment in some unexploited Canadian arctic lakes. Cons. Int. l'Explor. Mer, Extrait Rapp. Procès-Verbaux 164: 219-227.
- 1975. Distribution of fish species in Great Bear Lake, Northwest Territories, with reference to zooplankton, benthic invertebrates, and environmental conditions. J. Fish. Res. Bd. Canada 32(11): 1989-2004.
- 1976. Ecology of arctic populations of lake trout, Salvelinus namaycush, lake whitefish, Coregonus clupeaformis, Arctic char, S. alpinus, and associated species in unexploited lakes of the Canadian Northwest Territories. J. Fish. Res. Bd. Canada 33(11): 2459-2488.
- 1977. The dynamics of arctic fish populations. pp. III-79 - III-90, 9 fig. In Proceedings of the Circumpolar Conference on Northern Ecology, September 15-18, 1975. National Research Council, Ottawa. 646 pp.
- 1980. The Arctic charr. pp. 15-98, 16 fig. In Eugene K. Balon (ed.) Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.
- 1981. Charr and man: the philosophy of limited interaction. International Symposium on Arctic charr. Abstracts. May 4-9, 1981. Freshwater Institute, Winnipeg. p. 51.
- 1983.1. Homeostatic characteristics of single species fish stocks in Arctic lakes. Canadian J. Fish. Aquat. Sci. 40(7):987-1024, 26 fig.
- 1983.2. Assessment of the effects of oil on Arctic marine fish and marine mammals. Canadian Tech. Rep. Fish. Aquat. Sci. (1200):i-viii + 1-15, 1 map.
- 1985. Hypothesis testing: Arctic charr, giant land tortoises, marine and freshwater molluscs, and tawny owls. ISACF (International Society of Arctic Char Fanatics) Informat. Ser., Drottningholm. (3): 51-64, 6 fig.
- and Campbell, J. S. 1975. The seaward migration of Arctic char (Salvelinus alpinus L.) out of Nauyuk Lake, Kent Peninsula, Northwest Territories. Abstract. Proc. 28th Canadian Committee on Freshwater Fish. Res., Vancouver. 7 pp.
- 1976. Production of Arctic char (S. alpinus L.) in the Nauyuk Lake system of Arctic Canada and its exploitation by the Eskimo. Second European Ichthyology Congress, September 1976. Paris. 12 pp., 4 fig.

Jones, D. R., Kiceniuk, J. W. and Bamford, O. S. 1974. Evaluation of the swimming performance of several fish species from the Mackenzie River. J. Fish. Res. Bd. Canada 31(10): 1641-1647, 1 fig.

Jones, M. and Kendel, R. 1973. The Beaufort Sea gillnetting program in the vicinity of King Point, Yukon. Memorandum Rep., Dept. Environ., Fish. Mar. Serv., Whitehorse. pagination unknown.

Jones, Meredith Leam and den Beste, J. 1977. Tuft Point and adjoining coastal areas - Fisheries Project. Report for Imperial Oil Ltd. by Aquatic Environments Limited, Calgary. 152 pp.

Jordan, David Starr and Evermann, Barton Warren. 1896. The fishes of North and Middle America. Part I. Bull. U. S. Nat. Mus. (47): 1- 1240.

----- 1898.1. The fishes of North and Middle America. Part II. Bull. U. S. Nat. Mus. (47): 1241-2183.

----- 1898.2. The fishes of North and Middle America. Part III. Bull. U. S. Nat. Mus. (47): 2184-3136.

----- 1900. The fishes of North and Middle America. Part IV. Bull. U. S. Nat. Mus. (47): 3137-3313 + 392 pl.

----- and Clarke, Howard Walton. 1930. Check list of the fishes and fishlike vertebrates of North and Middle America, north of the northern boundary of Venezuela and Columbia. Appendix X, Rep. U. S. Comm. Fish. for 1928. 670 pp. 1955 reprint by U. S. Government Printing Office, Washington.

----- and Gilbert, Charles H. 1899. The fishes of Bering Sea. pp. 433-492, pl. XIII-LXXXIII. In David Starr Jordan. Fur seals and fur seal islands of the North Pacific Ocean. Vol. 3. Washington.

K

Karrer, Christine. 1973. Uber das Vorkommen von Fischarten in Nord-westAtlantik (Neufundland-Baffinland). Fischerei-Forschung Wiss. Schrift 11(1): 73-90.

----- 1976. über Fischarten aus der Davisstrasse und Labradorsee. Mitt. Zool. Mus. Berlin 52(2): 371-376. (In German with German summary).

Kashino, Randolph K. 1980. The beauty of living things in Arctic waters. Canadian Geographic 100(3): 40-45, 12 col. photos.

Keleher, James John. 1953. Report on field work at Churchill, Manitoba, and growth of ciscoes in the Churchill river. Canadian Fish. Res. Bd. Manuscript Rep. Biol. Ser. 555: 1-19.

----- and Kooyman, B. °Albertus Hermanus§ 1957. Supplement to Hinks' "The fishes of Manitoba." Manitoba Dept. Mines Nat. Resources, F. R. B. (481): 104-117, illus., map.

Kemp, V. A. M. 1928. Report on the Mackenzie River delta. Ann. Rep. Fish. Branch, Dept. Marine & Fish. for 1927-28, Append. 11: 209-210.

Kendall, William Converse. 1909. The fishes of Labrador. Proc. Portland Soc. Nat. Hist. 2, part 8: 207-243.

----- 1924. An annotated list of a collection of fishes made by Francis Harper in the Lake Athabaska region in 1920, to which is appended a list of species collected by Dr. R. T. Morris in the district between Lake Winnipeg and Hudson Bay in 1905. Contrib. Canadian Biol. Fish., N. S. 1(23): 419-440.

Kendel, R. E., and Jones, M. 1973. Report on gillnetting in the Beaufort Sea near Shingle Point and King Point, April, 1973. Fish. Serv. Manuscript, Fish. Res. Bd. Canada 6 pp.

-----, Johnston, R. A. C., Kozak, M. D. and Lobsiger, U. 1974. Movements, distribution, populations, and food habits of fish in the western coastal Beaufort Sea, Dec., 1974. Beaufort Sea Project, Victoria, B. C. Interim Rep. of Beaufort Sea Proj. Study B1. 64 pp.

Kendel, R. E., Johnston, R. A. C., Lobsiger, V. and Kozak, M. D. 1975. Fishes of the Yukon coast. Beaufort Sea Project, Dept. Environ., Victoria. Beaufort Sea Technical Report (6): 1-114, 48 fig., appendices I-XI (photos, tables and figures).

Kennedy, C. R. 1978. The parasite fauna of resident char, Salvelinus alpinus, from Arctic lands with special reference to Bear Island. J. Fish. Biol. 13(4): 457.

Kerswill, Charles James. 1969. Surveys, development and management of renewable resources; arctic fisheries and sealing. Report on Man in Cold Water Conference, Montreal, May 12-13.

----- and Hunter, John Gerald. 1970.1. Fishes. pp. 9-

10. In Fisheries Research Board studies in Canada's Arctic. Misc. Spec. Publ. Fish. Res. Bd. Canada (13): 1-16. (Aussi en français, 1971).

----- 1970.2. F.R.B. studies in Canada's Arctic. Fish. Res. Bd. Canada, Misc. Pub., Ste. Anne de Bellevue (13): 1-16, 1 map, 4 fig., 6 photos.

Khan, Nuzrat Yar. 1968. Intraspecific variations and postglacial distribution of lake trout. M. Sc. thesis. Dept. Biology, Univ. Ottawa, Ottawa, Ontario. 72 pp., 10 fig.

----- 1972. Comparative morphology and ecology of the pelagic larvae of nine Cottidae (Pisces) of the northwest Atlantic and St. Lawrence drainages. Ph. D. thesis. Dept. Biology, Univ. Ottawa, Ottawa, Ontario. 234 pp., 51 fig.

----- and Faber, Daniel James. 1973. A comparison of larvae of the deepwater and fourhorn sculpin, Myoxocephalus quadricornis L.), from North America. I. Morphological development. pp. 703-712, 8 fig. In J. H. S. Blaxter (ed.). The early life history of fish. Springer-Verlag, Berlin. 765 pp.

----- and Qadri, Sami Ullah. 1971. Intraspecific variations and postglacial distribution of lake char (Salvelinus namaycush). J. Fish. Res. Bd. Canada 28(4): 465-476, 6 fig.

Khan, R. A. and Dawe, M. 1982. Blood protozoa as an aid for separating stocks of Greenland halibut, Reinhardtius hippoglossoides, in the northwestern Atlantic. Canadian J. Fish. Aquat. Sci. 39(9): 1317-1322, 1 fig.

Kidd, Brian T. 1973.1. Annual report James Bay project. 15 pp.

----- 1973.2. Marine, anadromous and freshwater fishes of the lower regions of the Eastmain, La Grande, Roggan and Great Whale rivers in Northwestern Quebec. 59 pp.

-----, Greendale, R., Morin, R., and Baxter, R., with assistance from Hunter, John Gerald and Power, Geoffrey. 1975. Interim report of James Bay Project Study by the Arctic Biological Station. Part I. Population, abundance and movements of fish stocks within La Grande and Eastmain rivers and their adjacent marine areas and information on the biology of the economically important fish species. 171 pp., 29 fig., 42 maps. March 1975.

-----, Greendale, R., Baxter, R., and Morin, R. 1976. Fisheries study of the lower reaches and coastal regions of the Eastmain, La Grande, Roggan and Great Whale rivers from

1973 to 1975. Fish. Env. Canada Arct. Biol. Stat. Final Rep. James Bay Proj. Study. 171 pp., 29 figs., 42 maps.

Kirchner, W. B. 1973. A method for description and comparison in synecological studies and its application to the Char Lake benthic community. M. Sc. thesis, State College of New York, Brockport, New York. 184 pp.

Klotz, O. J. 1885. Report on exploratory survey to Hudson's Bay. Ann. Rep. Dept. Interior for 1884, Ottawa. Part II. pp. 13-35, 2 maps, 1 graph.

Kljukanov, V. A. 1972. On systematic relations of the Atlantic and Pacific forms of Mallotus villosus (Müller) and osteological characteristics of the genus Mallotus (Pisces, Osmeridae). Zool. Zhurn. 51(6): 855-862, 3 fig. (Russian with English summary).

----- 1977. (Origin, distribution and evolution of the Osmeridae). pp. 13-27, 7 fig. In The principles of classification and phylogeny of the salmonoid fishes °Collected Scientific Papers§). Editor O. A. Skarlato. Academy of Sciences of USSR, Zoological Institute. (In Russian).

Konstantinov, K. G. and Pondrazhanskaya, S. G. 1973. Nutrition and food relations of grenadier (Macrurus rupestris) and other deepwater fishes of North-West Atlantic. Trudi Polyanyi Nauchno - Issledovatel'skii i Proektnii Institut Morskogo Rybnogo Khoz Yaistva i Okeanografii (PINRO) 28: 96-106, 4 figs. (in Russian; English translation in Fisheries Research Board Translation Series (2537): 1-17, St. John's; Nfld., 1973).

Kornfield, I., Beland, K.F., Moring, J.R. and Kircheis, F.W. 1981. Genetic similarity among endemic Arctic char, Salvelinus alpinus and implications for their management. Canadian J. Fish. Aquat. Sci. 38(1): 32-39.

Kotthaus, Adolf and Kreff, Gerhard. 1957. Fischfaunenliste der Fahrten mit F. F. S. "Anton Dohrn" nach Island-Gronland. Ber. Deutsch. Wiss. Komm. Meeresforsch. 14(3): 169-191.

Kristofferson, A. H. and Carder, G. W. 1980. Data from the commercial fishery for Arctic char, Salvelinus alpinus (Linnaeus), in the Cambridge Bay area, Northwest Territories, 1971-78. Canadian Data Rep. Fish. Aquat. Sci.(184): i-v + 1-25, fig.

----- and Gillman, D.V. In prep. The Arctic charr fishery on the Hornady River, 1984. Canadian Manusc. Rep. Fish. Aquat. Sci. (Title provisional).

-----, Leroux, D. R., and Orr, J. R. 1982. A biological

assessment of Arctic char, Salvelinus alpinus (L.), stocks in the Gjoa Haven-Pelly Bay area of the Northwest Territories, 1979-1980. Canadian Manuscript Rep. Fish. Aquat. Sci. (1591): 1-51, 7 fig.

----- and McGowan, D.K. 1981. Data on Arctic charr, Salvelinus alpinus (Linnaeus), collected from test fisheries in the Baffin Region, Northwest Territories, 1975-79. Canadian Data Rep. Fish. Aquat. Sci. (255): i-vi + 1-43.

----- and Sopuck, R.D. 1983. The effects of exploitation on the Arctic charr population of the Sylvia Grinnell River, Northwest Territories. Canadian Manuscr. Rep. Fish. Aquat. Sci. (1721): i-v + 1-35, 17 fig.

Kumlien, Ludwig. 1879.1. Report of explorations in Baffin Land and Greenland. Ann. Rep. Smithsonian Inst. for 1878. pp. 51, 93, 452-454.

----- 1879.2. Mammals. p. 47-68. In Contributions to the natural history of Arctic America, made in connection with the Howgate Polar Expedition, 1877-78. Bull. U. S. Nat. Mus. (15).

L

Lalli, C. M., Buchanan, R., Thomson, D., and Wells, F. 1973. Polar Gas Preliminary Environmental Study: Marine ecology report. Unpub. McGill Univ. Rep. to Polar Gas Projects Ltd., 98 pp.

Lane, E. David. 1976. Some environmental concerns in considering oil and gas development in the Northwest Territories and Arctic seas. Environment Under fire. Canadian Soc. Environ. Biol., Special Ed. Newsletter 33(2): 7-19, 6 fig.

Lambert, Y. and Dodson, J. 1982. Structure et rôle des facteurs physiques dans le maintien des communautés de poissons de la baie James. Le Naturaliste Canadien 109(4):815-823, 3 fig.

Lantz, A. 1965. Fish cannery in Northwest Territories. Trade News 18(4): 12-13, 6 figs., 1 photo.

----- 1966.1. Eutectic brine freezer for Eskimo fishermen. Can. Fish. Rep. 6: 33-38.

----- 1966.2. A freezer for Eskimo fishermen. Fish. Can. 19(6): 14-15.

Lantz, Andrew William and Iredale, David Gordon. 1972. Canadian Northwest Territories fish and mammal processing plant. Canadian Institute Food. Sci. Tech. J. 5(1): A15-A18.

Lawrence, M.J. and Davies, S. 1978. Aquatic Resources Survey - Keewatin and Franklin Districts. AIPP Report 1978. Dept. Indian Northern Affairs. Environmental - Social Program, Northern Pipeline. ESCOM No. AI-31. pp. i-xiii + 1-108, 9 fig.

-----, Davies, S. , Collins, G., Hnytka, F., Kroeker, K. and Sie, R. 1978. Aquatic Resources Survey - Keewatin District. AIPP Preliminary Report 1977. A survey of aquatic resources of the District of Keewatin and Boothia Peninsula. Environmental - Social Program, Northern Pipelines. ESCOM No. A1-07. pp. i-xiv + 1-357, 92 fig.

-----, Lacho, G. and Davies, S. 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Canadian Tech. Rept. Fish. Aquat. Sci., Winnipeg. (1220): i-x + 1-178, 106 fig.

----- and Schever, E. 1974. Behavioural responses of whitefish and rainbow trout to drilling fluids. Environ. Canada, Fish. Mar. Serv. Tech. Rep. (502): 1-47.

Laycock, George. 1965. We found the hidden char. Field and Stream 70(1): 49-51, 156-157, 159, 161, 163, 167, col. photos

Lear, William Henry. 1975. Trawl caught Atlantic salmon on the Canadian Atlantic shelf. ICES Publs. - CM M:4 pp. 1-7, illus.

----- and May, Arthur William. 1971. Paralepis coregonoides borealis (Osteichthyes, Paralepididae) from Davis Strait and Labrador Sea. J. Fish. Res. Bd. Canada 28(8): 1199-1203, 2 fig.

----- and Payne, R.H. 1975. A comparison of scale analysis and serum electrophoresis methods of determining the stock composition of Atlantic salmon off West Greenland in 1974. ICES Publs. - CM M:5. pp. 1-4, illus.

----- and Sandeman, Edward John. 1980. Use of scale characters and discriminant functions for identifying continental origin of Atlantic salmon. Rapp. Procès Verbaux. Réun. Cons. int. Explor. Mer. 176: 68-75, fig. 19-24.

Lebuis, F. 1971. Le complexe culturel de la pêche de subsistance au Nouveau-Québec. Thèse de maîtrise, Département d'Anthropologie, Université de Montréal.

Lee, David S., Gilbert, Carter R., Hocutt, Charles H., Jenkins, Robert E., McAllister, Don Evan, and Stauffer, James R., Jr. 1980. Atlas of North American freshwater fishes. North Carolina State Museum of Natural History, Raleigh. 867 pp., illus., maps.

Lee, R. L. G. 1969. The ecology of Arctic char (Salvelinus alpinus L.), the brook trout (Salvelinus fontinalis Mitchell), and the Atlantic salmon (Salmo salar L.) in the Leaf River, Ungava. M. Sc. thesis, Univ. Waterloo, Waterloo, Ontario. 147 pp.

----- and Power, Geoffrey. 1976. Atlantic salmon (Salmo salar) of the Leaf River, Ungava Bay. J. Fish. Res. Bd. Canada 33(11): 2616-2621.

Legendre, Pierre and Beauvais, Annette. 1978. Niches et associations de poissons de la Radissonie québécoise. Naturaliste Canadien 105(3): 137-158, 2 fig.

----- and Legendre, Vianney. 1984. Postglacial dispersal of freshwater fishes in the Québec Peninsula. Canadian J. Fish. Aquat. Sci. 41(12):1781-1802, 8 fig.

Legendre, Vianney. 1949-54. Les poissons d'eau douce. Tome 1. Clef des poissons de pêche sportive de Québec, Ministère de la Chasse et des Pêcheries. 84 pp., 80 fig. Other editions: 1954, 1st English edition, 180 pp., 80 fig., 3 col. maps; 1954.2. 2nd French edition, 180 pp., 80 fig., 3 col. maps.

-----, Hunter, John Gerald and McAllister, Don Evan. 1975. French, English and scientific names of marine fishes of Arctic Canada./ Noms français, anglais et scientifique des poissons marins de l'Arctique canadien. Syllogeus (7): 1-15, frontispiece + 1 fig. (map).

----- and Rousseau, Jacques. 1949. La distribution de quelquesuns de nos poissons dans le Québec arctique. Annales de l'ACFAS 15: 133-135, 1 map.

Leim, Alexander Henry and Scott, William Beverly. 1966. Fishes of the Atlantic coast of Canada. Fish. Res. Bd. Canada (155): 1-485, 9 text-fig., illus. (1 map), frontispiece.

----- 1972. Poissons de la côte atlantique du Canada. Offices des Recherches sur les Pêcheries du Canada (155): 1-530, 9 text-fig. (1 carte), planche ci-contre, illustrée.

Lejeune, R. 1961.1. Etude préliminaire d'une population d'ombles chevaliers (Salvelinus alpinus) de la baie d'Ungava. Ann. ACFAS 27: 63.

----- 1961.2. L'omble chevalier de la baie d'Ungava.

Act. Mar. 5(2): 10, 1 map.

----- 1961.3. Un poisson-miracle: l'omble chevalier.
Act. Mar. 5(1): 6-8.

----- 1961.4. Résultats pratiques d'une recherche:
l'omble chevalier de la baie d'Ungava. Act. Mar. 5: 10-12.

----- 1963.1. Contribution à la biologie de l'omble
chevalier, Salvelinus salvelinus ^{°sic} Linné du fleuve
Kangertialuksoak (George River), Baie d'Ungava, Québec. M.
Sc. thesis, Université Laval, Québec. 56 pp.

----- 1963.2. L'omble chevalier de Kangertialuksoak:
caractéristiques et évaluation. Ann. ACFAS 29: 66.

----- 1964. Rapport d'opérations district d'aménagement
de l'Ungava. Travaux en cours 1963, Service Faune Québec,
Rapport (3): 253-256.

----- 1965. Répertoire préliminaire des poissons du
Nottaway. Nat. Can. 92: 69-75.

----- 1967. L'omble chevalier anadrome du
Kangertialuksoak. Qué. Min. Tour. Chasse Pêche Serv. Faune.
Bull. 10: 1-45, 4 fig. Translation: The sea-run Arctic char
of Kangertialuksoak (George River). St. John's, Newfoundland.
Fish. Mar. Serv. Translation Ser. 4360.

----- 1968. La pêche industrielle sur les côtes du
Nouveau-Québec. Que. Min. Rich. Nat. Dev. Nouv-Que. Probl.
Humains et Econ.: 5-9.

----- 1976. L'ouananiche de la rivière Caniapiscou et le
corégone de la Grande-Rivière. Compte-rendu du Symp. Env.
Baie James, Montréal, Qué.: 351-358.

----- Harvey, B.P. and Vigneault, Y. 1984. Prospection
de quelques habitats d'omble chevalier, Salvelinus alpinus
(Linné) du Québec méridional. Rapp. Manusc. Canadien Sci.
Halieut. Aquat. (1804): 1-55.

----- and Legendre, Vianney. 1968. Extension d'aire du
saumon d'eau douce (Salmo salar) au Québec. Nat. Canadien 95:
1169-1173, 3 fig.

Lindberg, G. U. and Legeza, M. I. 1955. (Review of genera and
species of the fishes of the subfamily Cyclopterinae
(Pisces)). Trud. Zool. Inst. Akad. Nauk SSSR 18: 389-458, 33
fig. (In Russian; English translation for Nat. Sci.
Foundation by Israel Program for Scientific Translation
(617): 1-75).

Lindsey, Casimir Charles. 1959. Fisheries and wildlife in the

North. British Columbia Natural Resources Conference, Harrison Hotsprings. pp. 40-50.

----- 1962. Distinctions between the broad whitefish Coregonus nasus, and other North American whitefishes. J. Fish. Res. Bd. Canada. 19(4): 867-714, 6 fig.

----- 1964. Problems in zoogeography of the lake trout, Salvelinus namaycush. J. Fish. Res. Bd. Canada 21(5): 977-994, 3 fig.

----- 1966. Body sizes of poikilotherm vertebrates at different latitudes. Evolution 20(4): 456-465, 4 fig.

----- 1974. Proglacial lakes and fish dispersal in southwestern Yukon Territory. International Association of Theoretical and Applied Limnology Proceedings 19: 2364-2370, maps.

----- 1978. Aquatic zoogeography and the ice-free corridor. AMQUA. Abstracts of the Fifth Biennial Conference of the American Quaternary Association. pp. 31-34, 1 map.

----- and McPhail, John Donald. 1985. Zoogeography of fishes of the Yukon and Mackenzie basins. pp. 639-674, fig. 17.1-17.4. In: Charles H. Hocutt and Edward O. Wiley (eds.). The zoogeography of North American freshwater fishes. John Wiley & Sons, New York. 866 pp.

Lotz, J. R. 1964. Yukon bibliography. Northern Coordination and Research Centre, Dept. Northern Affairs and National Resources. 155 pp.

Low, A. P. 1896. Report on explorations in the Labrador Peninsula along the East Main, Koksoak, Hamilton, Manicuagan and portions of other rivers in 1892-93-94-95. Ann. Rep. Geol. Surv. Canada for 1895, N. S., 8: 1L-387L, 3 pl., with Appendix III. List of the principal food fishes of the Labrador Peninsula, with short notes on their distribution. pp. 329L-332L.

----- 1898. Report on a traverse of the northern part of the Labrador Peninsula from Richmond Gulf to Ungava Bay. Ann. Rep. Geol. Surv. Canada for 1896, N. S. 9: 1L-43L, 4 pl.

----- 1901. Report on an exploration of the east coast of Hudson Strait and Ungava Bay. Ann. Rep. Geol. Surv. Canada for 1898, N. S. 11: 11L-46L, 5 pl.

----- 1902. Report on an exploration of the east coast of Hudson Bay from Cape Wolstenholme to the south end of James Bay. Ann. Rep. Geol. Surv. Canada, N. S., 13: 1D-84D, ? pl.

----- 1906. Report on the Dominion Government Expedition to Hudson Bay and the Arctic Islands on board the D. G. S. Neptune, 1903-1904. Government Printing Bureau, Ottawa. 355 pp., illus., map.

----- 1913. List of the principal food fishes of the Labrador Peninsula, with short notes on their distribution. Appendix III. pp. 112-113. In Extracts from reports on the district of Ungava. Dept. Colonization, Mines and Fisheries, Mines Branch, King's Printer, Québec.

----- 1915. A report on the fish and fisheries of the west coast of James Bay. Appendix to Ann. Rep. Naval Service for 1914. pp. 29-67, 8 pl. incl. 3 maps.

M

MacCallum, Wayne and Regier, Henry. 1981. The biology and bioenergetics of Arctic charr in Charr Lake, N. W. T. International Symposium on Arctic charr. Abstracts. May 4-8, 1981. Univ. Manitoba, Winnipeg, Manitoba. p. 31.

MacCrimmon, Hugh Ross and Gots, Bara Louise. 1980. Fisheries for charrs. pp. 797-839, 7 fig. In Eugene K. Balon (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

MacDonald, G. and Fudge, R. 1978. Arctic land use research program 1978: a survey of the fisheries resources of the Kazan Upland, (southern District of Mackenzie, southern District of Keewatin). Dept. Indian and Northern Affairs, Environmental Studies (11): pagination not known.

----- and Stewart, D. B. 1980. Arctic land use research program 1979.; A survey of the aquatic resources of the central Keewatin region for the Northwest Territories. Dept. Indian and Northern Affairs. Northern Affairs Program, Environmental Studies (17): i-iii + 1-111.

MacDonald, Stuart D. 1953. See Walters, Vladimer. 1953.1.

MacDonald, Stuart D. 1953. Report on biological investigations at Alert, N. W. T. Nat. Mus. Canada Bull. (128): 241-256.

----- 1954. Report on biological investigations at Mould Bay, Prince Patrick Island, N. W. T. in 1952. Ann. Rep. Nat. Mus. Canada 1952-53. Bull (132): 214-238.

Machniak, K. and de Graaf, D. 1975. Fisheries investigations of the Mackenzie Delta in the vicinity of the cross-Delta alternative pipeline route - a preliminary report. Unpub. Rept. by Aquatic Environments Ltd. for Canadian Arctic Gas Study Ltd. pagination unknown.

MacInnis, Joseph B. and Curtsinger, William R. 1973. Diving beneath Arctic ice. National Geographic 144(2): 248-267, 22 photos, 2 maps.

Mackay, Isobel and Power, Geoffrey. 1968. Age and growth of round whitefish (Prosopium cylindraceum) from Ungava. J. Fish. Res. Bd. Canada 25(4): 657-666, 1 fig.

Mackenzie, Alexander. 1801. Voyages from Montreal on the River St. Lawrence, through the continent of North America to the Frozen and Pacific Oceans; in the years 1789 and 1793. With a preliminary account of the rise, progress, and present state of the fur trade of that country. London. 412 pp.

----- 1803. Voyages from Montreal on the River St. Lawrence, through the continent of North America to the Frozen and Pacific Oceans in the years 1789 and 1793. Evert Duyckinck, New York.

MacLaren Atlantic Ltd. 1977.1. Report on preliminary nearshore environmental studies on southeast Baffin Island. Report for Imperial Oil, Aquitain Co. Canada, Cities Service, Arctic Petroleum Operators Association. Project 138. November 1977. Section 1, p. 3; Sect. 3, p. 2; Sect. 4, pp. 15-18.

----- 1977.2. Report on biological literature review of the Labrador Sea Region. Sect. 2, p. 4; Sect. 5, 10 pp.; Sect. 8. pagination unknown.

----- 1977.3. Report on biological literature review Ungava Bay and Hudson Strait. Prepared for Imperial Oil Ltd., et al. Arctic Petroleum Operators Association. Project 138. November 1977. Sect. 2, p. 4; Sect. 5, p.1-5; Sect. 8, p. 5. November 1977.

----- 1977.4. Report on primary data collected for the 1977 Davis Strait biological programme and analyzed prior to Dec. 1977. Report for Imperial Oil Ltd., Aquitaine Co. Canada Ltd., and Canada Cities Service Ltd., Arctic Petroleum Operators Association. Project 138. Tables 15, 21, 29, 35, 37. December 1977.

----- 1978.1. Report on biological studies. Offshore cruises 77-2 and 77-3, April-June, 1977 in the Davis Strait. Report for Imperial Oil Ltd., et al., Arctic Petroleum Operators Association. Project 134. May 1978.

----- 1978.2. Report on biological studies. Offshore cruise 77-4 through 77-7, July-December, 1977 in the Davis Strait. Prepared for Imperial Oil et al. Arctic Petroleum Operators Association. Project 138. May 1978. pagination unknown.

----- 1978.3. Revised biological literature review of the Davis Strait region. Report for Imperial Oil Ltd. et al. Arctic Petroleum Operators Association. Project 138. January 1978. Sect. 2, p. 5-6; Sect. 5, p. 1-8; Sect. 8, p. 8-10.

----- 1978.4. Report on Inuit natural resource use in south-east Baffin region. EAMES South Study Rept. 75. pagination unknown.

----- 1979. Report on feeding studies of marine mammals and birds from the southern Davis Strait region. Report for Esso Resources Canada Ltd. et al. Arctic Petroleum Operators Association. Project 146. Sect. 7, p. 3-4. February 1979.

Maclellan, Delphine C. 1979. Theses and publications of the Marine Sciences Centre 1964-1979. McGill Univ., Marine Sciences Manuscript Report (31): 1-61.

MacPherson, Andrew H., Watson, G. H., Hunter, John Gerald, and Hatfield, Christie Tisdall. 1972. Potential effects on social values in wildlife and fisheries resources. Proc. Canadian Northern Pipeline Res. pp. 79-90.

MacPherson, Elizabeth. 1971. The marine molluscs of Arctic Canada. Nat. Mus. Nat. Sci., Publ. Oceanogr. (3): 1-149, illus.

Macoun, James Melville. 1911. Flora and fauna of west coast Hudson Bay. Summary Rep. Geol. Surv. Br., Dept. Mines Canada for 1910, Sess. Pap. 26: 281-283.

Macoun, John. 1888. List of fishes known to occur in the Mackenzie Basin submitted by Professor Macoun. In Report on the select committee of the Senate appointed to enquire into the resources of the Great Mackenzie Basin. Appendix I. Canadian Parliament, Session 1888, Senate Journals 22: 264-265.

Magnin, Etienne. 1965. Croissance de l'esturgeon Acipenser fulvescens Raf., vivant dans le bassin hydrographique de la rivière Nottaway, tributaire de la baie James. Naturaliste Canadien 92: 193-204, 5 fig. (Also as Trav. Pêche Québec (11)).

----- 1966. 1. Quelques données biologiques sur la reproduction des esturgeons Acipenser fulvescens Raf. de la rivière Nottaway de la baie James. Canadian J. Zool. 44: 257-

263, 1 fig.

----- 1966.2. Recherches sur les cycles de reproduction des esturgeons Acipenser fulvescens Raf. de la rivière Nottaway, tributaire de la baie James. Travaux Pêch. Québec (16): 1018-1024, 2 fig. Also in Verh. Int. Ver. Limnol.

----- 1977.1. Ecologie des eaux douces du territoire de la baie James. Soc. d'Energie Baie James, Service Envir. 454 pp., 107 fig.

----- 1977.2. Les poissons. pp. 357-451, 1 pl., 36 text-fig. In Etienne Magnin. Ecologie des eaux douces du territoire de la Baie James. Soc. d'Energie Baie James. Montréal, Québec. 454 pp., illus.

----- 1977.3. Croissance, régime alimentaire et fécondité des esturgeons Acipenser fulvescens Rafinesque du bassin hydrographique de la Grande Rivière (Québec). Naturaliste Canadien 104(5): 419-427, illus.

----- and Clément, A.-M. 1979. Croissance et régime alimentaire de ménominis ronds Prosopium cylindraceum (Pallas) du territoire de la Baie James. Naturaliste Canadien 106(3): 377-386, illus.

----- and Harper, Pierre Paul. 1970. La nourriture des esturgeons, Acipenser fulvescens, de la rivière Nottaway, tributaire de la Baie James. Naturaliste Canadien 97: 73-85, 1 map.

Makushok, V. M. 1958. The morphology and classification of the northern blennioid fishes (Stichaeoidea, Blennioidei, Pisces). Trud. Zool. Inst. Akad. Nauk SSSR. 25: 3-129, 83 fig. (In Russian; English translation by A. R. and W. A. Gosline, reproduced by Ichthyological Lab., U. S. Fish and Wildlife Serv., Washington, 1959.).

Malins, Donald C. (ed.). See Anonymous 1977.4.

Mann, Garry James. 1974.1. Life history types of the least cisco (Coregonus sardinella, Valenciennes), in the Yukon Territory north slope and eastern Mackenzie River Delta drainages. M. Sc. thesis, Dept. Zoology, Univ. of Alberta, Edmonton. xvi + 144 pp.

----- 1974.2. Alternate life histories of the least cisco (Coregonus sardinella Valenciennes) in the Yukon Territory, North Slope, and eastern Mackenzie River drainages. Chapter III. Canadian Arctic Gas Study Ltd. Calgary, Alberta. Biological Rep. Ser. 18(3): i-xiv + 1-132, col. pl. 1-18, 31 text-fig.

----- 1975. Winter fisheries survey across the Mackenzie

Delta. Canadian Arctic Gas Study Ltd. Calgary. Biological Rep. Ser. 34(3): 54. (October, 1975.).

----- and McCart, Peter J. 1981. Comparison of sympatric dwarf and normal populations of least cisco (Coregonus sardinella) inhabiting Trout Lake, Yukon Territory. Canadian J. Fish. Aquat. Sci. 38(2): 240-244.

Manning, Thomas H. 1942. Notes on some fish of the eastern Canadian Arctic. Canadian Field-Nat. 56(8/9): 128-129.

----- 1944. Hunting implements and methods of the present-day Eskimos of northwest Hudson Bay, Melville Peninsula, and southwest Baffin Island. Geographical Journal 103(4): 137-152.

----- 1953. Notes on the fish of Banks Island. Arctic 6(4): 276-277.

----- 1954. Defense Research Board's 1953 Banks Island Expedition. Arctic Circular 7: 11-15.

----- 1956. Narrative of a Second Defense Research Board Expedition to Banks Island, with notes on its country and its history. Arctic 9(1), 9(2). pagination unknown.

----- and MacPherson, Andrew H. 1961. A biological investigation of Prince of Wales Island, N. W. T. Trans. Roy. Canadian Inst. 33(69), part 2: 116-239, 13 figs., 1 map, 1 aerial photo.

Mansfield, Arthur Walter. 1955. Eastern Arctic Fisheries Investigations, 1947-55. Arctic 8(2): 133-135, 1 fig.

----- 1977. Marine ecology in Arctic Canada. pp. 1127-1147. In Circumpolar Conference on Northern Ecology. Proceedings. Nat. Research Council, Ottawa.

----- 1983. The effects of vessel traffic in the Arctic on marine mammals and recommendations for future research. Canadian Tech. Rep. Fish. Aquat. Sci. (1186):1-97.

-----, Smith, Thomas Georges, and Beck, Brian. 1975. The narwhal, Monodon monoceros in eastern Canadian waters. J. Fish. Res. Bd. Canada 3(7): 1041-1046.

de March, L., de March, B. and Eddy, W. 1978. Limnological, fisheries and stream zoobenthic studies at Stanwell-Fletcher Lake. Arctic Islands Pipeline Project Preliminary Report 1977. Environmental-Social Program, Northern Pipelines. ESCOM No. A1-04, pp. i-xiv + 1-84, 20 fig.

Margolis, Leo and Arthur, J. R. 1979. Synopsis of the parasites of fishes of Canada. Fish. Res. Bd. Canada Bull.

(199): 1-269.

Markham, Albert Hastings. 1889. See Feilden, Henry Wemyss. 1889.

Marshall, Kenneth Eric. 1977. A bibliography of the Arctic char, Salvelinus alpinus (L.) complex to 1976. Fish. Mar. Serv. Tech. Rep., Winnipeg (621): i-iv + 1-49.

----- 1981. A bibliography of the Arctic charr, Salvelinus alpinus (L.) complex to 1980. Canadian Tech. Rep. Fish. Aquat. Sci. (1004): i-iv + 1-68.

----- and Kays, M. 1978. An index to the publications of the staff of the Freshwater Institute, Winnipeg. Fish. Mar. Serv. Tech. Rep., Winnipeg (764): i-iv + 1-49.

----- and Layton, M. 1981. An index to the publications of the staff of the Western Region, Department Fisheries and Oceans, 1978-79. Canadian Tech. Rep. Fish. Aquat. Sci. (992): 1-56.

----- 1984. An index to the publications of the staff of the Western Region, Department of Fisheries and Oceans, 1980-81. Canadian Tech. Rep. Fish. Aquat. Sci. (1273): i-iv + 1-82.

----- 1985.1. A bibliography of the Arctic charr, Salvelinus alpinus (L.) complex: 1981 through 1984. Canadian Tech. Rep. Fish. Aquat. Sci. (1345): i-iv + 1-20.

----- 1985.2. A bibliography of the lake trout, Salvelinus namaycush (Walbaum), 1977 through 1984. Canadian Tech. Rep. Fish. Aquat. Sci. (1346): i-iv + 1-19.

----- and Woods, Cedric. S. 1971. A bibliography of the coregonid fishes. Fish. Res. Bd. Canada Tech. Rep. (151): 1-60.

Martin, Nigel Vernon and Olver, Charles H. 1980. The lake charr, Salvelinus namaycush. pp. 205-277, 2 fig. In Eugene K. Balon (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

Martin, William Robert. 1939. The Arctic char of North America. M. A. thesis, Univ. Toronto, Toronto, Ontario. 64 pp.

Mary-Rousselière, Guy. 1959. Shark fishing at Pond Inlet. Eskimo. Oblate Fathers, Hudson Bay Vicariate 52: 10-13, 5 photos.

Mattox, W.G. 1971. Fishing in West Greenland 1910-1966. The

development of a new native fishing industry. Ph. D. thesis, McGill Univ., Montréal. 618 pp.

Mauffette, R. 1974. Poisson capturés en 1973 dans le bassin de la rivière Eastmain, exception faite du bassin de la rivière Opinica, un de ses affluents (Secteur 14). Lab. Ecol. Soc. Energie Baie James, Progr. 14, Rapp. Rech. (12). pagination unknown.

Mauffette, R., and Hazel, Pierre Paul. 1976. Distribution géographique des poissons récoltés par le service environnement de la SEBJ sur le territoire de la baie James depuis 1973. Compte-rendu Symp. Env. Baie James. Montréal, Québec. pp. 211-227.

McAllister, Donald Evan. 1960.1. List of marine fishes of Canada. Nat. Mus. Canada Bull. (168): i-iv + 1-76.

----- 1960.2. Keys to the marine fishes of Arctic Canada. Nat. Hist. Pap., Nat. Mus. Canada (5): 1-21, 1 fig.

----- 1961. The origin and status of the deepwater sculpin, Myoxocephalus thompsonii, a nearctic glacial relict. Nat. Mus. Canada Bull. (172): 44-65, 3 fig.

----- 1962. Fishes of the 1960 "Salvelinus" program from western Arctic Canada. Nat. Mus. Canada Bull. (185): 17-39, 4 fig.

----- 1963.1. A revision of the smelt family, Osmeridae. Nat. Mus. Canada Bull. (191): 1-53, 14 fig. incl. maps.

----- 1963.2. Systematic notes on the sculpin genera Arctediellus, Icelus and Triglops on the Arctic and Atlantic coasts of Canada. Nat. Mus. Canada Bull. (185): 50-59, illus.

----- 1964.1. Fish collections from eastern Hudson Bay. Canadian Field-Nat. 78(3): 167-178, 8 fig.

----- 1964.2. Dans l'Arctique... au bout de monde. Le Jeune Scientifique, L'ACFAS. 3(1): 17-19, 4 fig.

----- 1965.1. Distribution of freshwater fish in northern Canada. Arctic Circular 16(2): 22-24.

----- 1965.2. Type specimens of fishes in the National Museum of Canada, with brief historical notes. Nat. Mus. Canada, Nat. Hist. Pap. (31): 1-13, 2 fig.

----- 1966.1. Bibliography of the marine fishes of the Canadian Arctic. Institute of Fisheries, Univ. of British Columbia, Vancouver, Museum Contribution (8): 1-16.

----- 1966.2. Numerical taxonomy and the smelt family,

Osmeridae. Canadian Field-Nat. 80(4): 227-238, 2 fig.

----- 1968. Mandibular pore pattern in the sculpin family Cottidae. Nat. Mus. Canada Bull. (223): 58-59, 1 fig.

----- 1970. Arctic activities of the National Museum of Natural Sciences, 1969 and 1970. The Arctic Circular 20(1): 17-18.

----- 1974. Abstract of: Zoogeography of the marine fishes of Arctic Canada. Program of the 54th Annual Meeting of the American Society of Ichthyology and Herpetology, Ottawa. Program Abstracts. p. 22.

----- 1977. The ecology of marine fishes of Arctic Canada. Circumpolar Conference on Northern Ecology Proceedings, September 15-18, 1975. National Research Council, Ottawa. pp. 49-65, 2 fig.

-----, Anderson, Michael Eric and Hunter, John Gerald. 1981. Deep-water eelpouts, Zoarcidae, from Arctic Canada and Alaska. Canadian J. Fish. Aquat. Sci. 38(7): 821-839, 5 fig.

----- and Andriashev, Anatoly Petrovich. 1977. Ophidium parrii Ross, 1826 (Pisces); application for suppression. Z. N. (s.) 1578. Bull. Zoological Nomenclature 34, part 1: 58-60.

----- and Aniskowicz, Jadwiga. 1976. Vertebral number in North American sculpins of the Myoxocephalus quadricornis - complex. J. Fish. Res. Bd. Canada 33(12): 2792-2799, 3 fig.

----- and Bleakney, J. Sherman. 1960. Some freshwater fishes from northeastern Quebec and Labrador. Nat. Mus. Canada Bull. (166): 31-39, 1 fig.

----- and Crossman, Edwin John. 1973.1. A guide to the freshwater sport fishes of Canada. National Museums of Canada, National Museum of Natural Sciences, Ottawa. Natural History series (1):i-xi + 1-89, 15 col. pl.

----- 1973.2. Poissons de pêche sportive d'eau douce du Canada. Musées nationaux du Canada, Musée national des sciences naturelles, Ottawa. Collection d'histoire naturelle (1): i-xi + 1-91, 15 col. pl.

-----, Legendre, Vianney and Hunter, John Gerald. 1986 MS. List of Inuktitut (Eskimo), French, English and scientific names of marine fishes of Arctic Canada. 106 pp., 1 fig. (submitted to Environmental Biology of Fishes in 1987).

----- and Lindsey, Casimir Charles. 1961. Systematics of the freshwater sculpins (Cottus) of British Columbia. Bull.

Nat. Mus. Canada (172): 66-89, 5 fig.

-----, Murphy, Robert, and Morrison, John. 1978.1. The complete minicomputer cataloging and research system. Curator 21(1): 63-91, 4 fig.

----- 1978.2. Méthodes modernes de gestion et d'exploitation des collections. Revue des Travaux de l'Institut scientifique et Technique des Pêches maritimes. (1976). 40(3/4): 461-480, 9 fig.

----- and St-Onge, Denis. 1980. Postglacial fossil fishes from Coppermine River, Northwest Territories, Canada. Canadian Field-Nat. 95(2): 203-205.

McCart, Peter J. 1974.1. Fisheries research associated with proposed gas pipeline routes in Alaska, Yukon and Northwest Territories. By Aquatic Environments Ltd. Arctic Gas Biol. Rep. Ser. (15). pagination unknown.

McCart, Peter J. (ed.). 1974.2. Classification of streams in Beaufort Sea drainage and distribution of fish in Arctic and sub-Arctic drainages. Canadian Arctic Gas Study Ltd., Biol. Rep. Ser. 17(1): 1-47.

----- 1974.3. Life histories of three species of freshwater fishes in Beaufort Sea drainages, Yukon Territory. Aquatic Environments Ltd. Arctic Gas Biol. Rept. Ser. (18). pagination unknown.

----- 1974.4. Late winter surveys of lakes and streams in Canada and Alaska along gas pipeline routes under consideration by Canadian Arctic Gas Study Ltd., 1972-73. Canadian Arctic Gas Study Ltd. Calgary. Biological Rep. Ser. 19(1): 1-381.

----- 1974.5. Life histories of anadromous and freshwater fish in the Western Arctic. Canadian Arctic Gas Study Ltd., Biol. Rep. Ser. 20(3): 1-50.

----- 1974.6. Preliminary assessment of the impact on aquatic habitats of proposed "Outer Mackenzie Delta" alternative. Report to Northern Engineering Services Co., Ltd., for Canadian Arctic Gas Study Ltd. by Aquatic Environments Ltd. 13 pp.

----- 1974.7. Is the angayukaksurak a rare and threatened species? American Society of Ichthyologists and Herpetologists 54th Annual Meeting, 17-22 June 1974, Ottawa, Canada. Program Abstracts. p. 12.

----- 1977. (ed.) Fisheries investigations along the North Slope and Beaufort Sea coast in Alaska with emphasis on Arctic char. Aquatic Environments Ltd. Arctic Gas Biol. Rept.

Ser. (41). paginatin unknown.

----- 1980. A review of the systematics and ecology of Arctic charr, Salvelinus alpinus, in the western Arctic. Canadian Tech. Rep. Fish. Aquat. Sci. (935): 1-89.

----- 1981. Systematics of Arctic charr in Beaufort Sea drainages, Mackenzie Delta, Canada, to Colville River, Alaska. International Symposium on Arctic charr. Abstracts. May 4-8, 1981. Univ. of Manitoba, Winnipeg. p. 12.

----- and Bain, H. 1974. An isolated population of Arctic char (Salvelinus alpinus) inhabiting a warm mineral spring above a waterfall at Cache Creek, Northwest Territories J. Fish. Res. Bd. Canada 31(8): 1408-1414, 2 fig.

----- and Beste, J. Den. 1979. Aquatic resources of the Northwest Territories. Science Advisory Board, Northwest Territories. 55 pp.

-----, Craig, Peter C. and Bain, H. 1972. Report on fisheries investigations in the Sagavanirktok River and neighboring drainages. Alyeska Pipeline Service Co. Bellevue, Washington. 186 pp.

-----, Griffiths, W., Gossen, C., Bain, H., and Tripp, D. 1974. Catalogue of lakes and streams in Canada along routes of the proposed Arctic Gas Pipeline from the Alaskan Canadian border to the 60th parallel. Canadian Arctic Gas Study, Ltd. Calgary. Biological Rep. Ser. 16: 1-251.

McGowan, D. K. and Carder, D. W. 1981. Management of the commercial fishery for anadromous charr in Cambridge Bay area, N. W. T., Canada. International Symposium on Arctic charr. Abstracts. May 4-9, 1981. Univ. Manitoba, Winnipeg. p. 39.

McKinnon, G. A., Sutherland, G., and Robinson, P. R. 1982. The aquatic resources of three Mackenzie River tributaries to be crossed during highway construction, 1976 data. Canadian Data Rep. Fish. Aquat. Sci. No. 97-13/323E. 104 pp.

McLaren, Ian Alexander. 1958. The biology of the ringed seal (Phoca hispida Schreber) in the eastern Canadian Arctic. Bull. Fish. Res. Bd. Canada (118): 1-97, 31 fig.

----- 1959. Aquatic biology. In G. Hattersley-Smith. (ed.). Operation Hazen. Narrative and preliminary reports, 1957-58. Defense Research Board, Ottawa. D. Phys. R. (G.) Hazen 4: 70-73.

----- 1964. A list of vascular plants from around Ogac Lake, south coast of Frobisher Bay, N. W. T. Canadian Field-Nat. 78(3): 70-77.

----- 1967. Introduction to biological studies of Ogac Lake, a landlocked fiord on Baffin Island. J. Fish. Res. Bd. Canada 24(5): 975-980, 2 figs.

McLeod, C.L., Wiebe, P.J., and Mohr, R.A. 1976. An examination of aquatic ecosystems in the Baker Lake-lower Thelon River, N.W.T. area in relation to proposed Polar Gas pipe-line development. Renewable Resources Consulting Services Ltd. pagination unknown.

McMillan, J. G. 1910. Animal life on Melville Island. pp. 473-479. In J. E. Bernier (ed.). Report of the Dominion of Canada Government Expedition to the Arctic Islands and Hudson Strait on board the D. G. S. Arctic. Ottawa.

McPhail, John Donald. 1960. Annotated bibliography on Arctic North American fresh water fishes. Univ. of British Columbia, Institute of Fisheries, Vancouver, Museum Contribution (6): 1-24.

----- 1961. A systematic study of the Salvelinus alpinus complex in North America. J. Fish. Res. Bd. Canada 18(5): 793-816, 6 fig. incl. maps.

----- 1963. Geographic variation in North American ninespine sticklebacks, Pungitius pungitius. J. Fish. Res. Bd. Canada 20(1): 27-44, 6 fig. (all maps).

----- 1966. The Coregonus autumnalis complex in Alaska and northwestern Canada. J. Fish. Res. Bd. Canada 23(1): 141-148, 4 fig.

----- and Lindsey, Casimir Charles. 1958. Preliminary list of fish collections in the Institute of Fisheries from Alaska, Yukon River and Gulf of Alaska drainages. Institute of Fisheries, Univ. of British Columbia, Vancouver. 16 pp.

----- 1970. Freshwater fishes of northwestern Canada and Alaska. Fish. Res. Bd. Canada Bulletin (173): 1-381, 26 text-fig., unnumbered illustrations, maps and coloured plates.

McPherson, Elizabeth H. et al. 1972. Potential effects on social values in wildlife and fisheries resources. pp. 79-80 In R. G. Leggett and I. C. MacFarlane (eds.). Canadian Pipeline Research Conference, Ottawa, 1972. Proc. National Research Council of Canada, Ottawa. (National Research Council. Tech. Memo. no. 104).

Mélançon, Claude. 1958. Les poissons de nos eaux. La Société Zoologique de Québec. Québec. 258 pp., 126 fig.

Melvill, C. D. 1915. Report on the east coastal fisheries of

James Bay. Append. to Ann. Rep. Dept. Naval Service. pp. 1-28, 12 pl., 1 fold. map.

Melvill, C. D., Lower, A. R. M., and Comeau, N. A. 1915. Reports of fisheries investigations in Hudson and James Bays and tributary waters in 1914. Canada Dept. Nav. Serv. Sess. Pap. 39A: 1-75.

Melville, J. C. D. 1914. Notes on the distribution and economic importance of the "inconnu" (Stenodus mackenzii) in the Mackenzie River Valley. Dept. Mar. Fish. Canada, 47th Ann. Rep. pp. 238-240.

Menzies, R. J. 1977. Origin and evolution of the Arctic marine ecosystem. pp. II-13-II-26, 6 figs. In Circumpolar Conference on Northern Ecology Proceedings. National Research Council, Ottawa.

Mercer, Edward A. 1972. An ecological perspective on domestic problems in estuarine pollution. Policy, Planning and Research Service, Resource and Environmental Law Division, Canada Dept. Environment, July 1972. 150 pp. + appendices, 43 maps, 16 fig.

Miller, L.K. 1978. Physiological studies of Arctic animals. Comparative Biochem. Physiol. (A) 59(4): 327-334, illus.

Mills, H. 1984. Arctic marine conservation. Canadian Tech. Rep. Fish. Aquat. Sci. (1242): 1-67.

Milne, A. R. 1976. Canadian environmental studies of the southern Beaufort Sea. pp. 87-94, 1 fig. In Assessment of the arctic marine environment: selected topics. Institute of Marine Science, Univ. of Alaska, Fairbanks.

----- and Smiley, B. D. 1976. Offshore drilling for oil in the Beaufort Sea: a preliminary environmental assessment. Revised January 20, 1976. Beaufort Sea Project, Dept. of Environ., Victoria, B. C. (Beaufort Sea Tech. Rep. No. 39).

----- 1978. Offshore drilling in Lancaster Sound: possible environmental hazards. Dept. Fish. Environ., Inst. Ocean Sci., Patricia Bay, Sydney. pp. 54- 55. February 1978.

Minion, Robin. 1985. Fish and fisheries of northern Canada and Alaska. Boreal Inst. North. Stud., Edmonton. 56 pp.

Moles, A. 1982. Parasite-host records of Alaskan fishes. U. S. Nat. Mar. Fish. Serv., Spec. Sci. Rep. Fish. (760): i-iii + 1-41.

Moore, I. A. and Moore, J. W. 1974. Food of the shorthorn

sculpin, Myoxocephalus scorpius in the Cumberland Sound area of Baffin Island. J. Fish. Res. Bd. Canada 31(3): 355-359, 1 fig.

Moore, J. W. 1975.1. Reproductive biology of anadromous Arctic char, Salvelinus alpinus (L.), in the Cumberland Sound area of Baffin Island. J. Fish. Biol. 7(2):143-151, 1 fig.

----- 1975.2 Distribution, movements, and mortality of anadromous Arctic char, Salvelinus alpinus L. in the Cumberland Sound area of Baffin Island, Canada. J. Fish. Biol. 7(3):339-348, 4 fig.

----- and Moore, I.A. 1974.1. Biological survey of rivers tributary to Cumberland Sound, Baffin Island. Canada Dept. Environ. Res. Man. Br., Tech. Rep. pagination unknown.

----- 1974.2. Food and growth of Arctic char, Salvelinus alpinus (L.), in the Cumberland Sound area of Baffin Island. J. Fish. Biol. 6:79-92, 8 fig.

Moreau, G. and Barbeau, C. 1979. Différenciation de populations anadromes et dulçicoles de grands corégones (Coregonus clupeaformis) par la composition minérale de leurs écailles. J. Fish. Res. Bd. Canada 36(12): 1439-1444, illus.

----- and Legendre, Louis. 1979. Relation entre habitat et peuplements de poissons: essai de définition d'une méthode numérique pour des rivières nordiques. Hydrobiologica 67(1):81-87, illus.

Morin, Roderick. 1980. Ecology of anadromous coregonid fishes in estuaries of eastern James-Hudson Bay. Thèse de Maîtrise, Université Laval, Québec, Québec. 102 pp.

----- and Dodson, Julian. 1985 MS. The ecology of Hudson Bay fishes. 59 pp., 11 fig. MS Chapter in: Canadian inland seas.

-----, Dodson, Julian and Power, Geoffrey. 1980. Estuarine fish communities of the eastern James-Hudson Bay coast. Environ. Biol. Fishes 5(2):135-141, 1 fig.

----- 1981. The migrations of anadromous cisco (Coregonus artedii) and lake whitefish (Coregonus clupeaformis) in estuaries of eastern James Bay. Canadian J. Zool. 59(8):1600-1607.

----- 1982. Life history variations of anadromous cisco (Coregonus artedii), lake whitefish (Coregonus clupeaformis), and round whitefish (Prosopium cylindraceum) populations of eastern James-Hudson Bay. Canadian J. Fish. Aquat. Sci. 39(7): 958-967.

Morrow, James W. 1974. Illustrated keys to the freshwater fishes of Alaska. Alaska Northwest Publishing Co., Anchorage, Alaska. 78 pp., 142 fig.

----- 1977. Illustrated keys to otoliths of forage fishes of the Gulf of Alaska, Bering Sea and Beaufort Sea. Final Rep. Nat. Ocean Atmospher. Admin. Outer Continental Shelf Environmental Asses. Prog., Inst. Arctic Biol., Univ. Alaska, Fairbanks. 67 pp., 142 fig.

Morton, William Markham. 1980.1. Charr or char: a history of the English name for members of the salmonid genus Salvelinus. pp. 4-6. In Eugene K. Balon. Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

----- 1980.2. Analysis of the Dolly Varden charr, Salvelinus malma, of northwestern North America and northeastern Siberia. pp. 323-338, 12 fig. In Eugene K. Balon. Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

Moshenko, R.W. 1980. Biological data on the major fish species from fifty-nine inland lakes in the Northwest Territories, 1959-68. Canadian Data Rep. Fish. Aquat. Sci. (175): i-viii + 1-81.

----- 1981. A preliminary assessment of the Arctic charr sport fishery on the Robertson River (Koluktoo Bay), Northwest Territories. Canadian Data Rep. Fish. Aquat. Sci. 97-13/306E. i-iv + 1-9.

-----, Peet, R.F., Dowler, D.H., and Dahlke, L.W. 1981. The Arctic charr sport fishery at Tree River, Northwest Territories, Canada, 1964-1978. International Symposium on Arctic Charr. Abstracts. May 4-8, 1981. Univ. Manitoba, Winnipeg. p. 38.

-----, Peet, R.F., Dahlke, L.W., and Dowler, D.H. 1983. The Arctic charr sport fishery at Tree River, Northwest Territories, Canada, 1964-78. In Lionel Johnson, R. McVitty Clarke and K. E. Marshall (eds.). Biology of the Arctic charr, Winnipeg, Manitoba, May 1981. University of Manitoba Press, Winnipeg.

Moulton, L., Tarbox, K., and Thorne, R. 1980. Beaufort Sea fishery investigations - summer 1979. In Environmental studies of the Beaufort Sea - summer 1979. Unpub. Rept. by Woodward Clyde Consultants Ltd. for Prudhoe Bay Unit. pagination unknown.

Mudry, D.R. and McCart, Peter J. 1976. Metazoan parasites of the Arctic char (Salvelinus alpinus) from the northern slope of Canada and Alaska. J. Fish. Res. Bd. Canada 33(2): 271-275.

Muth, Kenneth Maxwell. 1969. Age and growth of the broad whitefish (Coregonus nasus) in the Mackenzie and Coppermine rivers, N.W.T. J. Fish. Res. Bd. Canada 26(8):2252-2256.

N

Nafpaktitis, Basil G. 1975. Review of the lanternfish genus Notoscopelus (Family Myctophidae) in the North Atlantic and Mediterranean. Bull. Mar. Sci. 25(1): 75-87, 6 fig.

-----, Backus, Richard H., Craddock, J. E., Haedrich, Richard Lee, Robison, B. H., and Kranetta, C. 1977. Family Myctophidae. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. (1), part 7: 13-265, 180 fig.

Nares, G. S. 1878. See Günther, Albert. 1878.

National Film Board. 1974. Sapotit, home of the Arctic char. Canada Dept. Fish. Trade News 17(3): 3-5, 9 photos.

Neill, William J., Fechhelm, Robert G., Gallaway, Benny J., Bryan, James D. and Anderson, Scott W. 1983. Modeling movements and distribution of Arctic cisco (Coregonus autumnalis) relative to temperature-salinity regimes of the Beaufort Sea near the Waterflood Causeway, Prudhoe Bay, Alaska. Biological Papers of the Univ. of Alaska (21): XX-XX, XX fig.

Neilson, J. D. and Gillis, D. J. 1979. Stomach contents of adult Atlantic salmon, Salmo salar, from Port Burwell, Northwest Territories, Canada. Canadian J. Zool. 57(7): 1502-1503.

Neilsen, Jørgen G. and Jensen, Jens Møller. 1967. Revision of the Arctic cod genus Arctogadus (Pisces, Gadidae). Meddelelser om Grønland 184(2):1-26, 6 text-fig., 7 fig., 1 pl.

Nettleship, David N. 1976. Studies of seabirds at Prince Leopold Island and vicinity, N. W. T. Preliminary Report of Biological Investigations. Canadian Wildlife Serv. Rep. (40): 1-24.

----- 1977. Studies of seabirds at Prince Leopold Island and vicinity, Northwest Territories. Preliminary report of biological investigations in 1975. Canadian Wildlife Serv. Progress Notes (73): 1-11, 6 fig.

----- and Gaston, A. J. 1978. Patterns of pelagic distribution of seabirds in western Lancaster Sound and

Barrow Strait, Northwest Territories, in August and September 1976. Canadian Wildlife Serv. Occasional Paper (39): 1-40, 21 fig.

Nicholson, Harold Frederick. 1974. Bibliography on the limnology and freshwater fisheries of Canadian freshwaters. Fish. Mar. Serv. Tech. Rep. (471): 1-120.

----- 1975.1. Ibid. No.2, (504): no pagination.

----- 1975.2. Ibid. No.3, (566): no pagination.

----- 1976.1. Ibid. Appendix A. Cumulative author index. Fish. Mar. Serv. Tech. Rep. (606): no pagination.

----- 1976.2. Ibid. No. 4. (672): i-xiv + 1-114.

----- 1978. Ibid. No. 5. (804): i-vii + 106 un-numbered pages.

----- 1980. Ibid. No. 6. (911): i-vi + 1-105.

----- 1984 MS. Ibid. No. 8 Dep. Fish. Oceans, Great Lakes Fishery Res. Branch, Burlington, Ontario (about 200 pp., pages not consecutively numbered; replaces all previous lists).

Norman, James R. 1934. A systematic monograph of the flatfishes (Heterosomata). Vol. 1. Psettodidae, Bothidae, Pleuronectidae. British Museum, London. 459 pp., 317 fig.

Nourse, J. E. (ed.). 1879. Narrative of the Second Arctic Expedition made by Charles F. Hall: his voyage to Repulse Bay, sledge journeys to the Straits of Fury and Hecla and to King William's Land. Government Printing Office, Washington. 644 pp., illus., fold. maps.

Nursall, John Ralph and Buchwald, David Glen. 1972. Life history and distribution of Arctic lamprey, Lethenteron japonicum (Martens) of Great Slave Lake, N.W. T. Fish. Res. Bd. Canada Tech. Rep. (304): i-iv + 1-28, 8 fig.

0

Ochman, S. and Dodson, J. 1982. Composition and structure of the larval and juvenile fish community of the Eastmain River and estuary, James Bay. Le Naturaliste Canadien 109(4):803-813, 4 fig.

Olmstead, W.R. 1977. Fish communities. Parts 2-4 and 3-4. In 1976 summer aquatic studies. Arnak L-30 artificial island site and Tuft Point borrow site. Unpub. Rept. by F.F. Slaney and Co. Ltd. for Imperial Oil Ltd., Calgary. pagination unknown.

Orr, Craig D. and Parsons, John L. 1982. Ivory gulls, Pagophila eburnea, and ices edges in Davis Strait and the Labrador Sea. Canadian Field-Nat. 96(3): 323-328, 2 fig.

Ough, John. 1965. Sapotit. North 12(1): 28-32, photos.

Ough, P. 1961. Sport fishing near the Arctic Circle. Canadian Geogr. J., Feb. 1961. pp. 52-57.

P

Pallas, Peter Simon. 1814. Zoogeographica Rosso-asiatica, sistens omnium animalium in extenso Imperio Rossico et adjacentibus maribus observatorum recensionem, domicilia, mores et descriptiones anatomem atque icones plurimorum. 3 volumes. Petropoli. 3: 1-423 + i-cxxv pp. (date of publication ex Opinion 212 of Int. Comm. Zool. Nomencl.).

Parry, William Edward. 1819. Appendix No. VIII. A brief sketch of the quadrupeds, birds, and fishes, seen by those employed on the late expedition to Davis's Straits and Baffin Bay. pp. 99-104. In William Edward Parry. Journal of a voyage of discovery to the Arctic regions, performed between the 4th of April and the 18th of November 1818, in His Majesty's ship Alexander. London. Printed for Richard Phillips by G. Sidney. 104 pp., 3 pl., fold map.

----- 1824. See Fisher, Alexander. 1821 and Sabine, Edward. 1824.

----- 1826. See Ross, James Clark. 1826.

Patriquin, David G. 1966. The biology of the relic cod, Gadus morhua L. in Ogac Lake, a landlocked fjord on Baffin Island. Master's thesis, Marine Sciences Centre, McGill Univ., Montréal, Québec.

----- 1967. Biology of Gadus morhua in Ogac Lake, a landlocked fjord on Baffin Island. J. Fish. Res. Bd. Canada 24(12): 2573-2594, 6 fig.

Payne, R. H. 1980. The use of serum transferrin polymorphism to determine the stock composition of Atlantic salmon, Salmo salar, in the West Greenland fishery. Rapp. Procès Verbaux Réun. Cons. Int. Explor. Mer. 176: 60-64.

Pechenik, L. N. 1959. Industrial (fish) resources of Davis Strait. Rybnoe Khozyaystov, VNIRO Glavn. Gosplain, SSSR 35(5): 9-17. (Translation Naval Oceanographic Office NSTL Station, St. Louis. 1978. 11 pp.).

Peet, R. F. 1975. Data on biology of Arctic charr from the Eastern Arctic, Northwest Territories. Unpublished Rep., Fisheries Management Section, Dept. Fish. Oceans, Winnipeg. 45 pp.

----- 1976. Data on the biology of Arctic charr from northwest Baffin Island, Northwest Territories. Unpublished Rep., Fisheries Management Section, Dept. Fish. Oceans, Winnipeg. 66 pp.

Pennant, Thomas. 1784. Arctic zoology. Vol. 1. Introduction. Class I. Quadrapeds. Henry Hughs. London. 185 pp., illus. (see pp. cxc-cxii, Report on fishes of Hudson's Bay.).

----- 1787. Supplement to the Arctic zoology. London, Henry Hughs. 163 pp., 2 fold. maps. (see Class IV. Fish of North America, pp. 97-149.)

----- 1792. Introduction to the Arctic zoology. Vol. 1. 2nd edition. London. Printer for Robert Faulder. p. i-cccxxiv, illus., 2 fold. maps. Arctic zoology. Vol. 2. Class II. Birds, III. Reptiles, IV. Fishes, V. Insects. London. Printed for Robert Faulder. 418 pp. illus.

Percy, R. 1975. Anadromous and freshwater fishes of the outer Mackenzie Delta. Dept. Environ., Beaufort Sea Project, Tech. Rep. (8): 1-114.

-----, Eddy, W., and Munro, D. 1974. Anadromous and freshwater fish of the outer Mackenzie Delta. Fish. Mar. Serv., Environ. Canada. Interim Report, Beaufort Sea Project Study B2 Eastern. 51 pp.

Peterson, N. Merle. 1974.1. North of 60 - ecology of the Canadian Arctic Archipelago: selected references. Western Ecological Services Ltd. Edmonton, Alberta. Vol. 1. Indian and Northern Affairs. pp. i-vi + 1-425 pp., 1 fig.

----- 1974.2. Ibid. Volume 2. pp. 426-846, 1 fig.

----- 1975. Ibid. Volume 3. pp. i-vi + 847-1304, 1 fig.

----- 1976. Ibid. Volume 4. pp. i-v + 1305-1790, 1 fig.

Pfaff, J. R. 1937. Fishes collected on the Fifth Thule Expedition. Rep. Fifth Thule Expedition, 1921-24, 2(7): 1-19.

Pimlott, D. H., Vincent, K. M. and McKnight, C. E. (eds.). 1973. Arctic alternatives. Seminar. Carleton Univ., Ottawa. Mail-O-Matic Printing, Ottawa.

Pippy, J.H.C. 1980. The value of parasites as biological tags in Atlantic salmon at West Greenland. Rapports Procès Verbaux Réun. Cons. perm. int. Explor. Mer. 176: 76-81, illus.

Polar Gas Ltd. 1978?. Public interest. Part A. Environmental statement. Chapters 1 to 4. Report in support of applications to the National Energy Board for a certificate of public convenience and necessity authorizing the construction of pipeline facilities and to the Department of Indian Affairs and Northern Development for authorization to use land. Volume 5, Book 1. (No date).

Polar Gas Ltd. 1978?. Public interest. Part A. Environmental statement. Chapters 5. Environmental description. Report in support of applications to the National Energy Board for a certificate of public convenience and necessity authorizing the construction of pipeline facilities and to the Department of Indian Affairs and Northern Development for authorization to use land. Volume 5, Book 2. (No date).

Polar Gas. 1978?. Public interest. Part A. Environmental statement. Chapters 6 to 9. Report in support of applications to the National Energy Board for a certificate of public convenience and necessity authorizing the construction of pipeline facilities and to the Department of Indian Affairs and Northern Development for authorization to use land. Volume V, Book 3. (No date).

Porsild, Alf Erling. 1950. A biological exploration of Banks and Victoria Island. Arctic 3: 45-54.

Poulin, V.A. 1975. Fish. Part 7. pp. 116-156. In Summer environmental program, Mackenzie River estuary. Vol. 1. Aquatic Studies. Unpub. Rept. by F.F. Slaney and Co. Ltd. for Imperial Oil Ltd. and Sun Oil Ltd. pagination unknown.

----- 1976. Part 7. Summer fisheries investigations in the coastal waters of the Mackenzie estuary, N.W.T., 1975. pp. 116-149. In Summer environmental program, Mackenzie River estuary. Vol. 1. Aquatic Studies. Unpub. Rept. by F.F. Slaney and Co. Inc. for Imperial Oil Ltd., Calgary. pagination unknown.

----- 1977. Environmental assessment of construction and construction support activities on fish communities of the Mackenzie estuary related to the proposed ten-year Beaufort Sea offshore exploration program. Unpub. Rept. by

F.F. Slaney and Co. Ltd. for Imperial Oil Ltd., Calgary. 34 pp.

----- and Martin, L.C. 1976. Part 3. Biological studies in Hans Bay region, N.W.T., 1976. pp. 15-35. In Environmental studies, Hans Bay region. Vol. 1. Aquatic studies. Unpub. Rept. by F.F. Slaney and Co. Inc. for Gulf Oil Canada Ltd., Calgary. pagination unknown.

Power, Geoffrey. 1956.1. Biological work at the George River, northern Quebec. Arctic 9(4): 271, 1 fig.

----- 1956.2. Salmon in the Ungava. Atl. Salmon J. 2: 15-16.

----- 1958. 1. Salmon investigations on the Koksoak River, 1957. Arctic 11(1): 63-64.

----- 1958. 2. The evolution of freshwater races of the Atlantic salmon (Salmo salar L.). Arctic 11(2): 86-92, 1 fig.

----- 1959.1. Field measurements of the basal oxygen consumption of Atlantic salmon parr and smolts. Arctic 12(4): 195-202, 4 fig.

----- 1959.2. Studies on the Atlantic salmon (Salmo salar Linn.) of subarctic Canada. Ph. D. thesis, Dept. Zoology, McGill Univ., Montreal. 168 pp.

----- 1961.1. Information on the Atlantic salmon in Ungava relevant to the establishment of an Eskimo fishery. Rept. for Dept. North. Affairs and Centre Etudes Nordiques.

----- 1961.2. Salmon investigations on the Whale River, Ungava in 1960 and the development of an Eskimo fishery for salmon in Ungava Bay. Arctic 14(2): 119-120.

----- 1964. A report on the 1964 fishery for Atlantic salmon in Ungava. Manuscript Rep. for Dept. North. Aff. and Centre Etudes Nordiques, Université Laval. 21 pp.

----- 1966. Observations on speckled trout (Salvelinus fontinalis), in Ungava. Naturaliste Canadien 93(3): 187-199, 2 figs.

----- 1969. The salmon of Ungava Bay. Arctic Inst. North America Tech. Rep. 22: 1-72, 20 fig.

----- 1975. Distribution post-glaçaire des poissons dans la péninsule Québec-Labrador. In Colloque Direction Nord. Centre d'Etudes nordiques, Université Laval, Québec. pp. 107-117.

----- 1976. History of the Hudson's Bay Company salmon

fisheries in the Ungava Bay region. Polar Rec. 18(113): 151-161, 6 fig.

----- 1978. Fish population structure in arctic lakes. J. Fish. Res. Bd. Canada 35(1): 53-59.

----- 1980. The brook charr, Salvelinus fontinalis. pp. 141-203, 20 fig. In Eugene K. Balon (ed.). Charrs, salmonid fishes of the genus Salvelinus. W. Junk, The Hague. 928 pp.

----- and Cressman, D. 1975. Atlantic salmon (Salmo salar) taken in the sea in Northern Labrador. J. Fish. Res. Bd. Canada 32(2): 307-309.

----- and Farmer, W. C. 1963. A report on the 1963 fishery for Atlantic salmon in Ungava. Mimeographed Rep. to Dept. North. Aff. pp. 1-21.

----- and Gleave, J. P. 1963. A report on the 1962 fishery for Atlantic salmon in Ungava. Mimeographed Rep. to Dept. North. Aff. and to Centre Etudes Nord. : 1-22.

----- and Le Jeune, R. 1976. Le potentiel de pêche du Nouveau-Québec. Cahiers de Géographie de Québec 20: 409-428.

----- and Oliver, Don R. 1961. Notes on the distribution and relative abundance of freshwater fish in Ungava. Canadian Field-Nat. 75(4): 221-224, 1 fig.(map).

Preble, Edward A. 1908. Fishes of the Athabaska-Mackenzie region. pp. 502-515. In A biological investigation of the Athabaska-Mackenzie region. U. S. Dept. Agric., Bur. Biol. Surv., North American Fauna (27): 1-574, illus., map.

Prince, Edward E. 1898. Description of specimens of sea-trout, capelin and sturgeon from Hudson Bay. Rep. British Association Adv. Sci. 66th Meeting. pp. 687-688.

----- 1920. See Senate of Canada 1920.

Q

Qadri, Sami Ullah. 1968. Osteology and morphology of the genera Cristivomer and Salvelinus and their relationships with other Salmonidae. Ph. D. thesis, Dept. Biology, Univ. Ottawa, Ottawa, Ontario. 296 pp., pls. 1A-1S, 9 text-fig.

----- 1974. Taxonomic status of the Salvelinus alpinus

complex. J. Fish. Res. Bd. Canada 31(8): 1355-1361, 3 fig.

Quast, J. C., and Hall, E. L. 1972. List of fishes of Alaska and adjacent waters with a guide to some of their literature. July 1972. NOAA Technical Report, NMFS SSRF No. 658. iv + 47 pp.

R

Radforth, Isobel. 1944. Some considerations on the distribution of fishes in Ontario. Contrib. Roy. Ontario Mus. (25): 1-116, 32 fig. (maps).

Rae, John. 1850. See Gray, John Edward. 1850.

Ramseier, R. O., Gantcheff, G. S. and Colby, L. 1973. Oil spill at Deception Bay, Hudson Strait, Canada. Inland Waters Branch, Scientific Series No. 29. 61 pp.

Rannou, Michel. 1976. Key for the determination of Macrouridae (Pisces, Gadiformes) of the Atlantic and Mediterranean. Bull. Mus. Natl. Hist. Nat. Zool. 276: 923-943. (In French with French and English summary).

Rasmussen, Knud. 1931. The Netsilik Eskimos. Rep. Fifth Thule Expedition 1921-24. 7(1/2): 1-542.

----- 1932. Intellectual culture of the Copper Eskimos. Rep. Fifth Thule Expedition 1921-24. 9: 1-350.

----- 1942. The Mackenzie Eskimos. After Knud Rasmussen's posthumous notes. Rep. Fifth Thule Expedition 1921-24. 9: 1-164.

Ratynski, R.A. 1983. Mid-summer ichthyoplankton populations of Tuktoyaktuk Harbour, N.W.T. Canadian Tech. Rep. Fish. Aquat. Sci. (1218):i-iv + 1-25, 12 fig.

Read, C. J., and Stephansson, S. E. 1976. Distribution and migration routes of marine mammals in the central Arctic region. Canadian Fish. Mar. Serv. Tech. Rep. (667): 1-13.

Reay, P. J. 1970. Synopsis of biological data on North Atlantic sand-eels of the genus Ammodytes (A. tobianus, A. dubius, A. americanus and A. marinus). FAO Fish. Synop. (82): i-v, 1: 1-8, 2: 1-5, 1 fig., 3: 1-13, 4: 1-16, 5: 1-5, 6: 1, 8: 1-5, 5 fig., 4 tables, 1 map.

Reed, J. C., and Satir, J. E. (eds.). 1974. The coast and shelf of the Beaufort Sea. Proceedings of a symposium on Beaufort Sea Coast and Shelf. Arctic Institute of North America. Washington.

Reiger, G. 1982. River of record char. Fishing World 29(2): 82-94.

Reist, James D. and Bodaly, R.A. 1986. External scarring on whitefish from the Northwest Territories. Abstract. Canadian Comm. Freshw. Fish. Res., Ottawa. p. 30.

Renewable Resources Consulting Services Ltd. 1972. Canadian Wildlife Service, Arctic Ecology map series, Descriptive reports. Published by Environ. Canada, Canadian Wildlife Service. 324 pp.

Richards, Sarah Wheatland. 1965. Description of the postlarvae of the sand lance (Ammodytes) from the east coast of North America. J. Fish. Res. Bd. Canada 22(5): 1313-1317, 1 fig.

-----, Perlmutter, Alfred, and McAneny, Donald C. 1963. A taxonomic study of the genus Ammodytes from the east coast of North America (Teleostei: Ammodytes). Copeia (2): 358-377, 4 fig.

Richardson, Boyce. 1972. James Bay. The plot to drown the North Woods. Sierra Club. Toronto, Vancouver: Clarke, Irwin and Company Ltd.

Richardson, (Sir) John. 1823. Notices of the fishes. pp. 705-728, 2 pl. Appendix VI. In John Franklin. Narrative of a journey to the shores of the Polar Sea in the years 1819, 20, 21, and 22. John Murray. London. 768 pp., 30 pl., maps.

----- 1824. Account of some fishes observed during Capt. Franklin and Dr. Richardson's journey to the Polar Sea. Memoirs Wernerian Nat. Hist. Soc., Edinburgh. vol. 5, part 1: 509-522.

----- 1825. Journal de l'expédition du Capitaine Franklin dans les terres polaires: appendice renfermant des notices des poissons recueillis dans cette expédition. Bull. Sci. Nat. (Férussac). 5: 122-124.

----- 1835. Salmones. pp. lv-lvii. In Sir John Ross. Appendix to the narrative of a second voyage in search of a North-west Passage and of a residence in the Arctic regions during the years 1829, 1830, 1832, 1833. A. W. Webster. London. 120 + cxliv + cii + 8 pp., illus.

----- 1836.1. The fish. Part Third. Fauna Boreali-Americana: containing descriptions of natural history

collected on the late northern land expeditions, under the command of Captain Sir John Franklin, R. N. John Murray, London. pp. xv + 327, pl. 74-97, 2 text-fig.

----- 1836.2. Appendix No. I. Zoological remarks. pp. 475-522 (p. 485, List of fish caught and section Fish, p. 518-522, 3 pl. In George Back. Narrative of the Arctic Land Expedition to the mouth of the Great Fish River and along the shores of the Arctic Ocean in the years 1833, 1834, and 1835 by Captain Back, R. N., commander of the expedition. John Murray, London. 663 pp., map, plates.

----- 1837. Report on North American zoology. Rep. Sixth Meeting British Assoc. Advancement Sci. (Bristol, 1836). 5: 121-224.

----- 1851. Arctic searching expedition, a journal of a boat voyage through Rupert's Land and the Arctic Sea, in search of the Discovery ships under command of Sir John Franklin. 2 vols., illus. London. Brown, Green, & Longmans, London. 1: 1-413, 9 pl., 1 fold. map, 8 woodcuts in text; 2: 1-426, frontispiece.

----- 1854. Reptiles and fishes. pp. 156-171. In Edward Forbes (ed.). The zoology of the voyage of H. M. S. "Herald" under the command of Henry Kellett, R. N., during the years 1845-51. London.

----- 1855. Account of the fish. Appendix to Vol. 2, pp. 347-376, pl. 23-30. In Sir Edward Belcher. The last of the Arctic voyages in search of Sir John Franklin. Lovell Reeve, London. 40 pls.

----- 1861. Zoology. pp. 274-284. In The Polar regions. Edinburgh.

----- 1870. Fish. pp. 518-522, appendix. In George Back (ed.). Narrative of the Arctic Land Expedition to the mouth of the Great Fish River and along the shores of the Arctic Ocean in the years 1833, 1834, and 1835. Charles F. Tuttle, Rutland, Vermont. 663 pp.

-----, Vigers, N. A., Lay, G. T. et al. 1839. Fishes. pp. 41-75. In Zoology of Captain Beechey's voyages compiled from collections and notes made by Captain Beechey, the officers and naturalists of the expedition during a voyage to the Pacific and Behring's Straits performed in H. M. S. Blossom under the command of Captain F. W. Beechey... in the years 1825, 1826, 1827, and 1828. Henry G. Bohn, London.

Rigler, F. H. 1968. Char Lake Project, Cornwallis Island: one of the Canadian contributions to the International Biological Program. pp. 85-89. In Proceedings of the Second National Northern Research Conference, Whitehorse, Yukon. Boreal

Institute, Univ. Alberta. Edmonton.

----- 1970. The Char Lake project. A study of the energy flow in a high Arctic lake. Proceedings IBP-UNESCO Symposium on Productivity. Problems of freshwaters. Kazimierz Dolny, Poland.

----- 1972. The Char Lake project. A study of energy flow in a high Arctic lake, pp. 287-300. In Z. Kajak and A. Hillbrick-Ilkowska (ed.). Productivity problems of freshwaters. Proceedings of the IBP-UNESCO Symposium on Productivity Problems of Freshwater, May 6-12, 1970, Kazimierz Dolny, Poland.

----- 1974.1. Char Lake Project PF-2. Final report, 1974. Canadian Committee for the International Biological Program, Dept. Zoology, Univ. Toronto. 96 pp.

----- 1974.2. Fish productivity. In Final Report of Char Lake Project PF-Z. Canadian Committee of International Biological Program. Dept. of Zoology, Univ. of Toronto, Toronto, Ontario. pp. 43-46.

----- 1975. The Char Lake Project. pp. 171-198. In T. W.M. Cameron and L.W. Billingsley (eds.). Energy flow - its biological dimensions. Royal Society, Ottawa. pagination unknown.

Riske, M. E. 1960. A comparative study of North Pacific and Canadian Arctic herring, Clupea. M. Sc. thesis. Univ. Alberta, Edmonton, Alberta. 151 pp.

Roberts, F. L. 1970. Atlantic salmon (Salmo salar) chromosomes and speciation. Transactions Amer. Fish. Soc. 99(1): 105-111, fig., pl.

Robitaille, J.A., Côté, Y., Schooner, G., and Hayeur, G. 1984. Crossance estuarienne du saumon atlantique (Salmo salar) dans le fleuve Koksoak, en Ungava. Rapp. Tech. Canadien Sci. Halieut. Aquat. (1314): 1-30.

Rogers, E. S. 1972. Ojibwa fisheries in northwestern Ontario. Division of Fish and Wildlife, Ontario Ministry of Natural Resources, Toronto. 49 pp.

----- and Black, M. B. 1976. Subsistence strategy in the fish and hare period, northern Ontario: The Weagamow Ojibwa, 1880-1920. Journal of Anthropological Research 32: 1-43.

Rokicki, J. 1976. Aegidae dorsza (Gadus morrhua) na obszarze ICNAF (Polnocno-zachodni Atlantyk). Wiadomosci parazyt. 18(3): 303-307, 2 fig. (in Polish; English summary).

Ronald, K. and Wilson, Kerry Alexander. 1968. A check list of

the parasites of the order Petromyzontiformes (Lampreys).
Tech. Rep. Fish. Res. Bd. Canada (48): 2-23.

Ross, James Clark. 1826. Fishes. pp. 109-111. In William Edward Parry. Natural history - Zoology appendix. Journal of a third voyage for the discovery of a North-West Passage from the Atlantic to the Pacific; performed in the years 1824-1825, in his Majesty's ships, Hecla and Fury, under the orders of Captain William Edward Parry, R. N., F. R. S., and commander of the expedition. John Murray, London. 186 + 151 pp., appendix, engr. pls., charts, 1 fold. map.

----- 1828. Fish. pp. 199-200. In Appendix of : Narrative of an attempt to reach the North Pole... in 1827 by William Edward Parry. John Murray. London.

----- 1835. Fish. pp. xlvi-lviii. In Sir John Ross. Appendix to the narrative of a second voyage in the Arctic regions during the years 1829, 1830, 1831, 1832, 1833. Account of the objects in the several departments of natural history seen and discovered during the present expedition by J. C. Ross. A. W. Webster. London 120 + cxliv + cii + 8 pp., illus.

Rostlund, E. 1952. Freshwater fish and fishing in native North America. Univ. of California, Publ. Geog. 9: 1-313.

Roy, D. 1980. Environmental protection at the La Grande Complex: realizations in the framework of the LG2 Project. The Canadian Society of Environmental Biologists Newsletter, Toronto 37(2): 44-55.

----- 1982. Répercussions de la coupure de la Grande Rivière à l'aval de LG 2. Le Naturaliste Canadien 109(4):883-891, 5 fig.

Roy, R. 1976. Recherche de salmonidés bagués, 1975. Rapp. Soc. d'Energie Baie James, Serv. Env., Div. Rel. Ecol. Dir. Constr., Chantier Explor. Progr. Exped. 66: 1-274.

Rust, B. R. and Coakley, J. B. 1970. Physico-chemical characteristics and post-glacial desalination of Stanwell-Fletcher Lake, Arctic Canada. Can. J. Earth Sci. 7: 900-911.

Ryder, Richard Armitage. 1961. First Ontario record of the Arctic char, Salvelinus alpinus. Copeia (3): 359-360.

-----, Scott, William Beverly, and Crossman, Edwin John. 1964. Fishes of northern Ontario, north of the Albany River. Contrib. Life Sci., Roy. Ont. Mus., Univ. Toronto (60): 1-30, 4 maps.

S

Sabine, (Captain Sir) Edward. 1821. Fishes. pp. 33-36. An account of the late Northern Expedition whilst within the Arctic Circle. Being No. X of the Appendix to Capt. Parry's Voyage of discovery. pp. 3-68. W. Clowes, Northumberland Court, London.

----- 1824. Fish. pp. cxxi-cxxiv. In William Edward Parry. Appendix X., Zoology. A supplement to the appendix of Captain Parry's voyage for the discovery of a North-West Passage in the years 1819-1820, containing an account of the subjects of natural history. John Murray, London, pp. clxxxiii-cccx, pls. (see few comments by Fisher, A. 1821. on fish of same expedition.).

----- 1826. Fishes. Pages 109-111. In Captain William Parry (ed.) . Journal of a third voyage for the discovery of the Northwest Passage from the Atlantic to the Pacific performed in the years 1824-25 in H. M. S. Fury and Hecla under orders of Captain William Edward Parry. John Murray, London.

Sabo, G., III and Jacobs, J.D. 1980. Aspects of Thule Culture adaption in southern Baffin Island. Arctic 33(3):487- 504, illus.

Saint-Charles, C. and Roy, D. 1974.1. Description écologique de la faune ichthyenne des bassins des grandes rivières de la Radissonie orientale et de la baie d'Ungava. Rapport préliminaire. Montréal. Soc. d'Energie Baie James, Serv. Env. pagination unknown.

----- 1974.2. Description de l'ichthyofaune des bassins des grandes rivières de la Radissonie orientale et de la baie d'Ungava. Rapp. Soc. d'Energie Baie James, Serv. Env. Div. Ecol. pp. 1-48.

Salisbury, Richard F., Filion, Fernand, Rawji, Farida, and Stewart, Donald A. 1972. Development and James Bay: Socio-economic implications of the proposals for the hydroelectric scheme. Program in the Anthropology of Development. McGill Univ. A report prepared under contract for the JBDC. August 1972.

Salonius, P. O. 1971. Salmo salar in Hudson's Bay. Atl. Salmon J. 4: 6-9.

----- 1973. Barriers to range extension of Atlantic and Pacific salmon in Arctic North America. J. Arctic Inst. North

America 26(2): 112-122.

Saunders, Lloyd H. and McKenzie, Joseph A. 1971. Comparative electrophoresis of Arctic char. Comp. Biochem. Physiol. B. 38(3): 487-492, 3 fig.

Schindler, D. W., Kalff, J., Welch, H. E., Brunskill, G. J., Kling, H. and Kritsch, N. 1974. Eutrophication in the high Arctic - Meretta Lake, Cornwallis Island (75° N lat.). J. Fish. Res. Bd. Canada 31(5): 647-662, 16 figs., 3 tabs.

Schmidt, Peter Y. 1905. Ueber die Verbreitung der Fische in nordlichen Stillen Ozean und die damit zusammen hangenden Zoogeographischen Probleme. Comptes Rendus 6th Congr. Int. Zool., Berne (1904): 561-572, 2 fig.

----- 1950. (Fishes of the Sea of Okhotsk). Izdatelstvo Akademii Nauk SSSR, Moskva and Leningrad, Trudi Tikhookeanskogo Komiteta 6: 1-370, 20 pls., 50 text-fig. (In Russian; see English translation edited by P. V. Ushakov. Israel Program for Scientific Publications, Jerusalem, 1965, 392 pp., 20 pls., 50 text-fig.)

Scholander, Per F. et al. 1957. Supercooling and osmoregulation in arctic fish. J. Cell. Comp. Physiol. 49 (1): 5-24, illus.

-----, Flagg, W., Walters, Vladimir, and Irving, L. 1953 Climatic adaptation in arctic and tropical poikilotherms. Physiol. Zool. 26: 67-92.

Schwartz, F.H. 1982. Native land use in the Lancaster Sound area. North. Env. Protect. Renewable Res. Br., Dep. Indian North. Aff., North Developm. Environm. Stud. (27): 1-47.

Scotfield, Norman Bishop. 1898. Liparis herschelini. pp. 2123-2124. In David Starr Jordan and Barton W. Evermann. The fishes of North and Middle America. Part II. Bull. U. S. Nat. Mus. (47): 1241-2183.

----- 1899. List of fishes obtained in the waters of Arctic Alaska. pp. 493-509. In David Starr Jordan. The fur seals and fur-seal islands of the North Pacific Ocean. Report of the fur-seal investigations 1896-1897. Washington. Part 3: 1-609, maps, illus.

Scoresby, W. J. 1820. An account of the Arctic regions , with a history and description of the northern whale fishery. Constable and Co., Edinburgh. 2 vol.

Scott, David Paul. 1981. Biannual report - 1976-78, Western Region, Fisheries and Marine Service, Dept. Fish. Environ. Canadian Tech. Rep. Fish. Aquat. Sci. (1019): 1-36. (Aussi en français).

Scott, William Beverly^e. 1958. A checklist of the freshwater fishes of Canada and Alaska. Royal Ontario Museum, Div. Zool. Palaeontol. 30 pp.

----- and Crossman, Edwin John. 1973. Freshwater fishes of Canada. Fish. Res. Bd. Canada Bull. (184): 1-966.

Sefton, J. and Miller, G. 1977. Bibliography of Fisheries and Environment Canada reports - Arctic Islands pipeline route. AIPP Preliminary Report 1977. Environmental-Social Program, Northern Pipelines. ESCOM No. AI-12, pp. i-x + 1-154

Séguin, Richard L. 1956. Limites géographiques et facteurs climatiques de la distribution naturelle de la truite mouchetée. Revue Canadienne Géographique 10(2/3): 113-117, 1 map.

Sekerak, A.D. 1982. Young of the year cod, Boreogadus, in Lancaster Sound and western Baffin Bay, Canada. Arctic 35 (1): 75-87.

Sekerak, A. D., Buchanan, Robert A., Griffiths, William B. and Foy, Malcolm G. 1976. Biological oceanographic studies in Lancaster Sound, 1976. Report by LGL Ltd. for Norlands Petroleum Ltd., Calgary, Alberta. pp. 139-142.

----- and Richardson, W. J. 1978. Studies of the ecology of fast-ice edges in the high arctic. Report for LGL Ltd. for Polar Gas Project. pp. 60-65.

-----, Thompson, D., Bain, H., and Acreman, J. 1976. Summer surveys of the marine ecology of Creswell Bay, Somerset Island and Assistance Bay, Cornwallis Island, N. W. T. 1975. Prepared for Polar Gas Project, Toronto, Ontario by LGL Ltd., Environmental Research Associates, Toronto, Ontario. xv + 215 p., 34 figs.

Selley, L. J. and Beamish, Frederick William Henry. 1977. The Cyclostomata, an annotated bibliography. W. Junk, The Hague. 962 pp.

Semkin, R. and Bannon, P. 1979. Environmental assessment of Dome/Canmar's 1978 offshore drilling operations in Beaufort Sea. Canada Dept. Environ. Protection Serv. Rep. MS-NW-79-1.

Senate of Canada. 1920. Report of the special committee to report on the navigability and fishery resources of Hudson Bay and Strait. Senate of Canada, 4th Sess., 13th Parliament, 10-11, George V., 1920. pp. 1-58 (reports by V. Stefansson, J. Bernier, R. White, E. E. Prince, W. G. Walton, J. B. Tyrell and J. W. Tyrell).

Sergeant, David Ernst. 1962. Biology and hunting of beluga

and white whales in the Canadian Arctic. Arctic Unit, Fish. Res. Bd. Canada, Circular (8):1-13.

----- 1973. Feeding, growth and productivity of northwest Atlantic harp seals (Pagophilus groenlandicus). J. Fish. Res. Bd. Canada 30(1): 17-29, 4 fig.

Sherbin, I. Griff. 1979. Mercury in the Canadian environment. Environ. Canada, Environmental Protection Service. Environmental Impact Control Directorate. Economic and Technical Review Report EPS-3-EC-79-6. April 1979. pp. i-x + 1-359.

Shotton, R. T. 1973. Fish survey 1972. Base Data Report for Environmental Protection Board sponsored by Canadian Arctic Gas Study Ltd.. Appendix II. Towards an environmental impact assessment of the portion of the Mackenzie Gas Pipeline from Alaska to Alberta. Winnipeg, Manitoba. 199 pp.

Simpson, Thomas. 1843. Narrative of the discoveries on the north coast of America effected by the officers of the Hudson's Bay Company during the years 1836-39. Richard Bentley, London. 419 pp., 2 maps (1 fold.).

Sinclair, Sol, Trachtenberg, S. and Beckford, M. L. 1967. Physical and economic organization of the fisheries of the District of Mackenzie, Northwest Territories. Fish. Res. Bd. Canada Bull. (158): 1-70, 10 fig., 1 fold. map.

Sinclair, W. F. and Sweitzer, O. 1973. The economic value of the Yukon sports fishery. Economic Unit, Northern Operations Branch, Fish. Mar. Serv., Pacific Region. Dept. Environ. Tech. Rep. NOB/ECON 2-73, 91 pp.

Slaney, F. F. 1973. Environmental field program, Taglu-Richards Island, Mackenzie Delta Interim report for Imperial Oil Ltd. Calgary, Alberta.

----- & Company Ltd. 1973.1. Environmental impact assessment: Immerk artificial island construction studies. Report for Imperial Oil Limited, Calgary, Canada by F. F. Slaney & Company Limited, Vancouver, B.C. Vol I. 59 pp.

----- 1973.2. Environmental impact assessment. Immerk artificial island construction. Vol. II. Aquatic resources. Report for Imperial Oil Ltd., Calgary, Canada by F. F. Slaney & Co., Vancouver, B. C. 59 pp. + append.

----- 1973.3. Environmental impact assessment, Immerk artificial island construction. F. F. Slaney and Co. Ltd. Vancouver, B. C. Vol. 3. 58 pp.

----- 1973.4. Aquatic resources of Tuktoyaktuk Harbour. Unpublished report for Imperial Oil Ltd., Calgary

by F.F. Slaney and Co., Vancouver, B.C. 12 pp.

----- 1973.5. Fishes. pp. 17-19. In Environmental impact assessment, Immerk artificial island construction, Mackenzie Bay, N. W. T. Vol. 1. Environmental Statement. Vancouver, Canada. 28 pp.

----- 1973.6. Fishes. Pages 28-32, app. 9-14. In Environmental impact assessment Immerk artificial island construction Mackenzie Bay, N. W. T. Vol. 2. Environmental Studies. F. F. Slaney and Co. Ltd. Vancouver. 59 pp.

----- 1974.1. 1972-1974 environmental program, Mackenzie Delta, N. W. T., Canada. Aquatic resources. Report for Imperial Oil Ltd., Calgary, Canada by F. F. Slaney & Company Limited, Vancouver, Canada. Volume 6: 1-111 + literature cited, glossary and appendices, maps, photos, figures.

----- 1974.2. 1972-1974 environmental program, Mackenzie Delta, N. W. T., Canada. Winter study supplement. Report for Imperial Oil Ltd., Gulf Oil Canada Limited, Shell Canada Limited, Canadian Arctic Gas Study Limited by F. F. Slaney & Company Limited, Vancouver, B.C. 74 pp.

----- 1974.3. 1972-1974 environmental program, Mackenzie Delta, N. W. T., Canada. Impact assessment. Report prepared for Imperial Oil Ltd., Gulf Oil Canada Limited, Shell Canada Limited, Canadian Arctic Gas Study Limited by F. F. Slaney & Company Ltd., Vancouver, B.C. 323 pp. + literature cited, glossary and appendices, 3 maps, photos.

----- 1974.4. 1973-1974 winter benthic and oceanographic surveys, offshore Mackenzie Delta, N. W. T. Report for Imperial Oil Co. Ltd., Calgary by F.F. Slaney & Company Ltd. 25 pp. and appendix.

----- 1974.5. Winter environmental program Unark, Pelly, and Garry artificial island sites, East Mackenzie Bay, N. W. T. Report for Sunoco E. & P. Ltd., Calgary, Canada by F. F. Slaney & Company Ltd., Vancouver, B.C. 21 pp.

----- 1975.1. 1974 summer environmental program. Mackenzie River estuary. Vol. I. Aquatic studies. Part. 7. Fish. pp. 116-156, 21 figs., 22 tabs., 5 maps. Report for Imperial Oil Ltd. and Sunoco Limited, Calgary, Alberta).

----- 1975.2. Summer environmental program - Mackenzie River Estuary. Vol. 3. F. F. Slaney and Co. Ltd. Vancouver, B. C. 49 pp.

----- 1976. Environmental studies, Hans Bay

region. Vol. I. Aquatic studies. Report for Gulf Oil Canada Ltd., Calgary.

----- 1977. 1976 summer aquatic studies - Arnak L-30 artificial island site and Tuft Point borrow site. 136 pp., 40 figs., 45 tabs., 2 maps, 13 appendices.

Slastenenko, E. P. 1958. The freshwater fishes of Canada. Kiev Printers, Toronto. 385 pp., 138 fig., 1 map.

Slavenwhite, D. D. 1967. Arctic style charr. North 14(3): 1-7.

Smidt, E. L. B. 1968. Report on Greenland halibut and halibut eggs and larvae. ICNAF Special Publication (7): 175-179.

----- 1969. Greenland halibut, Reinhardtius hippoglossoides (Walb.), biology and exploitation in Greenland waters. Danmarks Fiskeri-og havundersogelser Meddelelser 6(4): 79-148, maps, fig.

Smith, D. G. 1969. The Mackenzie Delta, domestic economy of the native peoples. A preliminary study. Northern Coordination and Res. Center, Dept. Indian Affairs and Northern Development, Ottawa. (Mackenzie Delta Res. Project 3)

Smith, E. C., Berkes, Fikret, and Spence, John Andrew. 1975. Mercury levels in fish in the La Grande river area Northern Quebec. Bull. Env. Contam. Toxicol. 13(6): 673-677.

Smith, Stanford Henry. 1957. Evolution and distribution of the coregonids. J. Fish. Res. Bd. Canada 14(4): 599-604, 1 fig.

Smith, Thomas Georges. 1975. Mercury in seals, terrestrial carnivores, and principal food items of the Inuit, from Holman, N. W. T. J. Fish. Res. Bd. Canada 32(6): 795-801, 1 fig.

----- 1977. The wolffish, cf. Anarhichas denticulatus, new to the Admunsen Gulf area, Northwest Territories and the probable prey of the ringed seal. Canadian Field-Nat. 91(3): 288.

----- and Armstrong, Francois Adolph John. 1975. Mercury in seals, terrestrial carnivores, and principal food items of the Inuit, from Holman, N. W. T. J. Fish. Res. Bd. Canada 32(6): 795-801, 1 fig.

Snowdon, Donald S. 1961. Eskimo commercial fisheries. Polar Record 9(67): 382-384.

Snyder, Margaret Leslie. 1986. Fishing technology of the

Siglit, Mackenzie Delta region, Northwest Territories, Canada. Incomplete reference.

Soper, Joseph Dewey. 1928. See Halkett, Andrew and Soper, John Dewey. 1928.

----- 1935. Report of Mr. J. D. Soper. pp. 131-132. In W. C. Bethune. (ed.). Canada's western Arctic. Dep. Interior, King's Printer, Ottawa. 166 pp., illus., fold map.

Sopuck, R.D. 1977. The Arctic char fishery of the Sylvia Grinnell River, Northwest Territories, in 1976. Fish. Mar. Serv., Dept. Environ., MS Rept., Winnipeg. pagination unknown.

Spence, John Andrew, and Medford, B. 1972. The fish of the Fort George river and upper Caniapiscaw River drainages in relation to the proposed hydroelectric development. Rep. James Bay Task Force Ind. Que. Assoc. And North. Que. Inuit Assoc.: 1-102.

Sprague, John Booty. 1973. Aquatic resources in the Canadian North, knowledge, dangers and research needs. pp. 169-189. In D. H. Pimlott, K. M. Vincent and C. E. McKnight (eds.). Arctic Alternatives. Mail-O-Matic Printing, Ottawa.

Sprules, William Memberry. 1952. The Arctic char of the west coast of Hudson Bay. J. Fish. Res. Bd. Canada 9(1): 1-15, 4 fig.

Stefansson, Vilhjalmur. 1937. Food of the ancient and modern stone age man. J. Amer. Dietetic Assoc. 13(2): 102-119.

----- 1944. Fishes. pp. 118-124. In Arctic Manual. Prepared under the direction of the Chief of the Air Corps. U. S. Army, with a special introduction and index. MacMillan Co., New York.

----- 1960. Food and food habits in Alaska and northern Canada. Reprinted from Human Nutrition, Historic and Scientific Monograph 3: 23-60. International Universities Press, New York.

Steigenberger, L. W., Birch, G. J., Bruce, P. G., and Robertson, R. A. 1974. Northern Yukon freshwater fishery studies, 1973. Fish. Mar. Serv. Environ. Canada, Ottawa. 51 pp. maps. (Task Force on Northern Oil Development Rep. 74-20).

-----, Bruce, P. G., Birch, G. J. and Yole, Y. E. MS. 1973. Fish resources of the northern Yukon. Fish survey 1973 base data. Appendix Vol. I. An explanation of the computer listing of data (including figures of sampling locations).

Dept. Environ., Fish. Mar. Serv., Vancouver. pagination unknown.

-----, DeLury, R. T., Birch, G. J. and Fisher, J. 1973. Fish resources of the northern Yukon, fish survey 1972 base data, Appendix Volume I. Environmental-Social Program, Task Force on Northern Oil Development.

----- and Elson, M. S. 1977. Northern Yukon fisheries studies 1972-74, Vol. 3., Fish. Mar. Serv. Tech. Rep. PAC/T-77-4, 142 pp.

-----, Bruce, P. G. and Yole, Y. E. 1975. Northern Yukon fisheries studies, 1971-1974. Vol. 2., Dept. Environ., Fish. and Mar. Serv., Vancouver. Rep. No. PAC/T-75-23. pagination unknown.

----- and DeLury, R. T. 1975.1. Biological-engineering evaluation of the proposed pipeline crossing sites in northern Yukon Territory. Canada, Dept. Environ., Fish. Mar. Serv., Pacific Region, Vancouver, Rept. No. PAC/T-75-11. 455 pp.

----- 1975.2. Northern Yukon fisheries studies 1971-74. Northern Operations Branch, and Mar. Serv., Environmental Social Program. Vancouver. PAC/T-75-19. Vol. 1, pagination unknown, illus., maps.

-----, Robertson, R. A., Johansen, K., and Elson, M. S. 1975. Biological engineering evaluation of the proposed pipeline crossing sites in Northern Yukon Territory. Pacific region, Fish. Mar. Serv., Vancouver. PAC/T-75-11. pagination unknown.

Stein, J. N., Jessop, C. S., Porter, T. R., and Chang-Kue, K. T. J. 1973.1. Fish resources of the Mackenzie River Valley. Interim Rep. II. Fish. Serv. Dept. Environ. for the Environmental-Social Program, Northern Pipelines. 260 pp.

1973.2. An evaluation of the fish resources of the Mackenzie River Valley as related to pipeline development. Vol 1. Fish. Serv. Dept. Environ., for the Environmental-Social Program, Northern Pipelines. Ottawa. 121 pp., maps, photos. (Task Force on Northern Oil Development Rep. 73-1).

1973.3. An evaluation of fish resources of the Mackenzie River Valley. Vol. 2. Fish. Serv., Dept. Environ. for the Environmental-Social Program, Northern Pipelines. Ottawa. pagination unknown.

Stenzel, Andreas. 1986. Shoreline habitat preference of juvenile Arctic charr (Salvelinus alpinus). Abstract.

Canadian Comm. Freshw. Fish. Res., Ottawa. 1 page not numbered.

Stewart, D. Bruce. 1982. An aquatic resource survey of Bathurst, Melville, Prince of Wales and northern Victoria islands, District of Franklin, Northwest Territories, 1980. Dept. Indian and Northern Affairs, Lands Directorate Environmental Study in preparation.

Stewart, D. Bruce and Bernier, L. M. J. 1982.1. An aquatic resource survey of islands bordering Viscount Melville Sound, District of Franklin, Northwest Territories. Land Use Information Series, Environ. Canada Lands Directorate, Indian and Northern Affairs Canada, Northern Environ. Branch, Background Report (2): 1-110, 11 fig.

Stewart, D. Bruce and Bernier, Lionel M.J. 1983. An aquatic resource survey of Victoria and King William islands and the northeastern district of Keewatin, Northwest Territories. Environ. Canada Lands Directorate, Indian and Northern Affairs Canada, Northern Environ. Branch, Land Information Series, Background Report (3):i-vii + 1-124, 31 text-fig., 2 col. pl.

----- 1984. An aquatic resource survey of Melville Peninsula, Southampton Island, and northeastern District of Keewatin, Northwest Territories. Environ. Canada Lands Directorate, Indian and Northern Affairs Canada, Northern Environ. Branch, Land Information Series, Background Report (4):i-vii + 1-144, 30 text-fig., 1 col. pl. with 2 fig.

----- and MacDonald, G. 1978. Arctic land use research program 1977 - a survey of the fisheries resources of the central Northwest Territories. Dept. Indian and Northern Affairs, Environmental Studies Number 8.

----- 1981. Arctic land use research program 1980: An aquatic resource survey of Devon, Cornwallis, Somerset and northern Baffin islands, District of Franklin, Northwest Territories, 1980. Contracted report for Arctic Land Use Research Program, Northern Environmental Protection and Renewable Resources Branch, Dept. Indian and Northern Affairs. Northern Affairs Program, Environmental Studies (20):i-v + 1-84, 12 fig., 2 col. pl.

Stocker, Z. S. T. 1973. The ecology of streams at Char Lake, Resolute Bay, Northwest Territories. M. Sc. thesis, Univ. Waterloo. 122 pp.

Suckley, George. 1862. Notices of certain new species of North American Salmonidae, chiefly in the collection of North-West Boundary Commission, in charge of A. Campbell, Esq., Commissioner of the U. S., collected by Doctor C. B. R.

Kennerly, Naturalist to the Commission. Ann. Lyceum Nat. Hist. New York 7: 306-313.

----- 1874. On the North American species of salmon and trout. Append. B., Rep. Commissioner, U. S. Comm. Fish Fisheries for 1872 and 1873, part II, pp. 91-160.

Sutherland, B. G. and Golke, W. R. 1978.1. A summary of fisheries data collected for the land use information series during 1975 and 1976. Indian and Northern Affairs. North of 60, Environmental Studies (5): i-iv + 1-97, 2 fig. (maps) + 2 unnumbered maps in appendix. Indian and Northern Affairs. North of 60. Environmental Studies (5): i-iv, 1-104, 2 fig.

----- 1978.2. Un résumé des données ichthyologiques recueillies en 1975 et en 1976 pour la série de cartes relatives à l'utilisation des terres. Affaires indiennes et du Nord Canada. Au Nord du 60e, Etudes environnementales (5):i-iv + 1-104, 2 fig.

Sutherland, Peter C. 1852. Fishes. Vol. 1. pp. 25-27; 414-415; vol. 2: 341. Journal of a voyage in Baffin's Bay and Barrow Straits, in the years 1850-51, performed by H.M.S. "Lady Franklin" and "Sophia" under the command of Mr. William Penny in search of the missing crews of H.M.S. "Erebus" and "Terror"; with a narrative of sledge excursions on the ice of Wellington Channel and observations on the natural history and physical features of the countries and frozen seas visited. Longman, Brown, Green and Longmans, London. Maps, plates, and wood engravings.

Svardson, Gunnar. 1957. The coregonid problem. VI. The Palearctic species and their intergrades. Inst. Freshwater Res., Drottningholm Rept. (38): 267-356.

Svetovidov, A.N. 1948. Cod-like species. Fauna SSSR, Zool. Inst. Akad. Nauk SSSR, N.S. (34) 9(4):1-221, 72 pl., 39 text-fig. (in Russian; English translation published for National Science Foundation, Washington, D.C. and the Smithsonian Institution by the Israel Program for Scientific Publications, Jerusalem. 1962. 304 pp.)

----- 1952. Herrings (Clupeidae). Fauna SSSR, Zool. Inst. Akad. Nauk SSSR, N.S. (48) 2(1):1-331, 53 pl., 54 text-fig. (in Russian; English translation published for the National Science Foundation, Washington, D.C. and the Smithsonian Institution by the Israel Program for Scientific Publications, Jerusalem. 1963. 428 pp.)

----- 1965. On the specific differences between the European and North Pacific Eleginus species and the systematic position of the form of Arctic, Alaska and Canada. Zool. Zhurn. 44:220-227. (in Russian; English summary).

T

Talbot, J. 1977.1. Etude ichthyologique sommaire de la baie de Rupert. Rapp. Giroq. pour Soc. d'Energie Baie James. Mandat NBR-E-3: 1-66.

----- 1977.2. Inventaire ichthyologique sommaire du détroit de Manitounuk et de l'estuaire du fleuve Grande-Rivière-de-la-Baleine. Rapp. GIROQ pour Hydro-Québec, mandat OGB-76-1. pp. 1-42.

Tanner, A. 1966. Trappers, hunters and fishermen: Wildlife utilization in the Yukon Territory. Yukon Research Project-5. i-v + 1-79 pp.

Templemann, Wilfred. 1959. Redfish distribution in the North Atlantic. Bull. Fish. Res. Bd. Canada (120): 1-173, 71 fig.

----- 1961. Redfish distribution off Baffin Island, Northern Labrador, and in Ungava Bay in August - September 1959. Rapp. Procès Verbaux. Réun. Cons. perm. int. Explor. Mer. 150: 157-162, 1 fig. Also as: Int. Comm. N. W. Atlantic Fish., Spec. Pub. (3): 157-162.

----- 1963. Distribution of sharks in the Canadian Atlantic (with special reference to Newfoundland waters). Bull. Fish. Res. Bd. Canada (140): 1-77, 30 fig. (maps & photos).

----- 1965a. Rare skates of the Newfoundland and neighbouring areas. J. Fish. Res. Bd. Canada 22(2): 259-279, 13 fig.

----- 1965b. Some instances of cod and haddock behavior and concentrations in the Newfoundland and Labrador areas in relation to food. Int. Comm. N. W. Atlantic Fish., Spec. Pub. (6): 449-461.

----- 1967. Predation on living fishes on longlines in Baffin Bay by the amphipod Eurythenes gryllus (Lichtenstein), and a new distribution record. J. Fish. Res. Bd. Canada 24(1): 215-217, 3 fig.

----- 1970. A review of the morid fish genus Lepidion of the North Atlantic with first records of Lepidion egues from the western North Atlantic. J. Fish. Res. Bd. Canada 27(3): 457-498, 16 fig.

----- 1973. Distribution and abundance of the Greenland halibut, Reinhardtius hippoglossoides (Walbaum), in the Northwest Atlantic International Commission for the Northwest Atlantic Fish. Res. Bull. (10): 83-98, 6 figs.

----- and Squires, Hubert Jacob. 1960. Observations on fishes, hydrography, plankton, and general operations on the northern cruise of the A. T. Cameron. Fish. Res. Bd. Canada, Rep. Biol. Sta. St. John's, Newfoundland for 1959-60. Appendix 8. pp. 33-38. Mimeo'd

Thibault, E. 1975. Regional socio-economic overview study, Yukon Territory. Indian Affairs and Northern Development, Environ. Canada for Environmental Social Program, Northern Pipelines, Ottawa. 78 pp.

Thibert, Arthur. 1970. English-Eskimo dictionary, Eskimo-English. Centre Canadien de Recherches en Anthropologie. Canadian Research Centre for Anthropology. Saint Paul Univ., Ottawa. Rev. Ed., 180 pp.

Thompson, D.H. 1975. Climatic change and the migration of Atlantic salmon (Salmo salar L.). M. Sc. thesis, McGill Univ., Montréal, Québec. 82 pp.

-----, Cross, W.E., Bain, H., and Patterson, L. 1978. Aspects of the spring and summer environment of Brentford Bay, Boothia Peninsula, N.W.T. Unpub. Rept. by LGL Ltd., Toronto for Polar Gas Project, Toronto. 207 pp.

-----, Woods, S. and Acreman, J. 1975. Marine ecology survey in the central portion of the Canadian Arctic Islands, 1974. Unpubl. McGill Univ. Rep. to Polar Gas Project, Ltd. 77 pp.

Thompson, J. A. 1957. On the ecology of the Arctic char, Salvelinus alpinus (L.), of Netilling Lake, Baffin Island, Northwest Territories. M. Sc. thesis, McGill Univ. and Report to Polar Gas Project, Ltd. 58 pp.

Tremblay, Constantin and Ayelsen, Fritz. 1981. Biologie et pêche du flétan du Groenland Reinhardtius hippoglossoides (Walbaum) dans le golfe du Saint-Laurent. Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec, Direction générale des pêches maritimes. Travaux sur les pêcheries du Québec (48): 1-101, 25 fig.

Tuck, L. M. 1960. The murre - their distribution, populations and biology - a study of the genus Uria. Canadian Wildlife Series. Ottawa. (1): 1-260, illus.

Tuck, L. M. and Squires, Hubert Jacob. 1955. Food and feeding habits of Brunnich's murre (Uria lomvia lomvia) on Akpatok Island. J. Fish. Res. Bd. Canada 12(6): 781-792.

Turgeon, M. 1976.1. Etude des poissons anadromes des rivières Eastmain et La Grande Rivière 1975. SEBJ, Serv. Env., Div. Rel. Ecol. Dir. Constr., Prog. Exped. 64: 1-8, 5 fig.

----- 1976.2. Inventaire de La Grande Rivière en aval de LG-1, 1975. Soc. d'Energie Baie James, Serv. Env. Div. Rel. Ecol. Dir. Constr. Progr. Exped. 62: 1-12.

Turnbull, T. L. 1974. Arctic III Expedition: Biological report. The James Allister MacInnis Arctic Diving Expeditions 4: 1-83.

Turner, Lucien McShan. 1885. Fishes of Ungava District, Hudson's Bay Territory. Washington, D. C., Smithsonian Institute. (Manuscript Report deposited with Smithsonian Institution, Washington, D. C. 52 pp. Copy at McGill Univ., Montreal and National Museum of Natural Sciences, Ottawa).

Tyler, Albert Vincent. 1979. Apparent influence of fluctuations in physical factors on food resource partitioning, a speculative review. pp. 164-169, 3 fig. In Sandy J. Lipovsky and Charles A Simenstad (eds.). Fish food habits studies proceedings of the Second Pacific Northwest Technical Workshop, October 10-13, 1978. A Washington Sea Grant Publication, Univ. of Washington, Seattle.

U

U. S. Department of the Interior. 1972. Fish and wildlife. pp 150-158. In Final Environmental Impact Statement. Proposed Trans-Alaska Pipeline. Vol. 2. Environmental setting of the proposed Trans-Alaska Pipeline System. Prepared by a Special Interagency Task Force for the Federal Task Force on Alaskan Oil Development, Washington, D. C.

U. S. Department of the Interior. 1975. Fisheries Resources. Beaufort Sea (North Slope) Drainage, Mackenzie River Drainage. Pages III-563 to III-568. In Alaska Natural Gas Transportation System. Draft Environmental Impact Statement. Part III. Canada. Vol. 1 of 3, June, 1975. Washington, D. C.

Usher, P. J. 1966. Banks Island, an area economic survey, 1965. Industrial Division, Dept. Indian Affairs and Northern Development, Ottawa. 91 pp. (NCRCC-65-2).

----- 1971.1. Bankslanders: economy and ecology of a frontier trapping community. Northern Administration Branch,

Dept. Indian Affairs and Northern Development, Ottawa. 88 pp.
(N. S. R. G. 71-2).

----- 1971.2. The Bankslanders: Economy and ecology of a
frontier trapping community. Vol. 2 - Economy and ecology.
Northern Science Research Group. Dept. Indian Affairs and
Northern Development. Ottawa, February, 1971. Fish. pp.
81-82.

V

Van Guelpin, Louis. 1985. Hookear sculpins (genus
Arteidiellus) of the North American Atlantic: taxonomy,
morphological variability, distribution, and aspects of life
history. Canadian J. Zool. 64: 677-690, 9 fig.

dan Stone, J. W. 1959. The economy and population shifts of
the Eskimos of Southampton Island. Northern Affairs and
National Resources, Ottawa. Northern Co-ordination and
Research Centre NCRC 59-1. 9 pp.

Vigneault, Y. 1974. Etude du corégone de l'estuaire de La
Grande-Rivière (1973). Rapport préliminaire, Centre Etude
Nord. (pour Soc. d'Energie Baie James). 135 pp.

----- and Le Jeune, R. 1976. Etude du corégone du fleuve
Grande-Rivière. Rapp. du Centre d'Etude Nord., Univ. Laval,
Québec à la Soc. d'Energie Baie James. pp. 1-55.

Vincent, R. E. 1973. Data report. Late winter surveys of
lakes and streams in Canada and Alaska along the gas pipeline
routes under consideration by Canadian Arctic Gas Study Ltd.
Prepared by Aquatic Environments Ltd. pagination unknown.

Vladykov, Vadim Dimitrovich. 1933. Biological and
oceanographic conditions in Hudson Bay. 9. Fishes from the
Hudson Bay region (except for the Coregonidae). Contrib.
Canadian Biol. Fish., N. S. 8(2): 13-61, 5 fig., maps.

----- 1934. On the occurrence of some North Pacific
fishes in Hudson Bay with remarks on the fish fauna of the
latter area. Proc. Fifth Pacific Sci. Congress, Canada, 1933,
5: 3787-3789.

----- 1954. Taxonomic characters of the eastern North
American chars (Salvelinus and Cristivomer). J. Fish. Res.
Bd. Canada 11(6): 904-932.

----- 1964. A review of the salmonid genera and their broad geographical distribution. Trans. Roy. Soc. Canada (4) 1, sect. 3: 459-504, 17 fig.

----- 1972. Morphological differences in male gonads among nine genera of Gadidae (Pisces). J. Fish. Res. Bd. Canada 29(12): 1709-1716, 8 fig.

----- and Greeley, John R. 1964. Order Acipenseroidi. Fishes of the Western North Atlantic. Mem. Sears Found. Mar. Res. 1, part 3: 24-60, fig. 7-10.

----- and Kott, Edward. 1979. List of northern hemisphere lampreys (Petromyzonidae) and their distribution. / Liste des lamproies (Petromyzonidae) de l'hémisphère nord et leur distribution. Dept. Fish. and Oceans, Ottawa. Miscellaneous Special Publication (42): 1-30, 12 fig.

W

Wacasey, J. W. 1974. Zoobenthos of the southern Beaufort Sea. Rep. Arctic Inst. North America 697-704, 3 fig.

Wakeham, William. 1898. Report of the expedition to Hudson Bay and Cumberland Gulf in the steamship "Diana". Part IV. pp. 71-78. The fishing capabilities of the region, and the extent to which aliens carry on fishing or whaling within our territorial limits. Queen's Printer, Ottawa. 83 pp.

Walker, C. A. 1976. Studies on the freshwater and anadromous fishes of the Yukon River within Canada. Canada Dept. Environ., Fish. Mar. Serv. Pacific region. North B. C. and Yukon Branch. PAC T76-7. pagination unknown.

Walker, David. 1862. Notes on the zoology of the last Arctic expedition under Captain Sir F. L. M'Clintock, R. N. (Fishes. p. 67.). J. Royal Dublin Soc. (1860-61) 3: 61-77.

Walker, S. J. 1931. Biological and oceanographic conditions in Hudson Bay. 2. Report on the Hudson Bay Fisheries Expedition of 1930. B. Investigations at Churchill, Manitoba. Contrib. Canadian Biol. Fish., N. S., 6(23): 472-473.

Wallace, R. R. 1975. A bibliography of recent literature. Environ. Canada Tech. Review EPS 3-NW-75-2. pagination unknown.

Walters, Vladimir. 1953.1. The fishes collected by the Canadian Arctic Expedition, 1913-18, with additional notes on the ichthyofauna of western Arctic Canada. Bull. Nat. Mus. Canada (128): 257-274.

----- 1953.2. List of fishes. pp. 251-253. In Stuart D. MacDonald. Report on biological investigations at Alert, N. W. T., Bull. Nat. Mus. Canada (128): 241-256, 1 fig.

----- 1953.3. Notes on fishes from Prince Patrick and Ellesmere islands, Canada. Amer. Mus. Nov. (1643): 1-17.

----- 1955. Fishes of western Arctic America and eastern Arctic Siberia. Bull. Am. Mus. Nat. Hist. 106: 255- 368, 4 maps.

----- 1961. Winter abundance of Arctogadus glacialis in the Polar Basin. Copeia (2): 236-237.

Watson, George E. and Divoky, George J. 1974. Marine birds of the western Beaufort Sea. pp. 681-695, 4 fig. In John C. Reed and John E. Sater (eds.). The coast and shelf of the Beaufort Sea. Proceedings of a symposium on Beaufort Sea Coast and Shelf Research. Arctic Institute of North America, Arlington, Virginia.

Welch, Harold E. 1979. Swimming performance of the Arctic char from the Saqvaqjuac River, Northwest Territories. Fish. Mar. Serv. Tech. Rep., Freshwater Institute, Winnipeg. (854): 1-7, 4 fig.

Wenzel, George W. 1981. Clyde Inuit adaptation and ecology: the organization of subsistence. National Museum of Man, National Museums of Canada Mercury series, Canadian Ethnology Service (77): 1-179.

Wilber, C.G. and del Pomo, M. 1949. Comparative study of lipids in whole carcasses of arctic and non-arctic fish. Proc. Soc. Experimental Biology and Medicine 72: 418-420.

Wilimovsky, Norman Joseph. 1954. List of the fishes of Alaska. Stanford Ichthyol. Bull. 4(5): 279-294.

----- 1956.1. A new name, Lumpenus sagitta to replace Lumpenus gracilis (Ayres), for a northern blennioid fish (Family Stichaeidae). Stanford Ichthyological Bulletin 7(2): 23-24.

----- 1956.2. Appendix I. In Beaufort Sea Report. Folder at U. S. Fish Wildlife Office, Anchorage, Alaska. pagination unknown.

----- 1958. Provisional keys to the fishes of Alaska.

Fish. Res. Lab., U. S. Fish. Wildl. Serv., Juneau, Alaska.
113 pp.

Williams, G. L., Smith, G. M., and Hatfield, C. T. 1981.
Survey of selected living aquatic resources along the
proposed polar gas pipeline route on Victoria Island, N. W.
T. 1980. Prepared for Polar Gas Project by Hatfield
Consultants Ltd., West Vancouver, B. C. pagination unknown.

Wilson, David S. 1956. Processing of Arctic char at
Coppermine. Northern Affairs Bull. 3(3): 7-9, (April-May,
1956).

Wright, D.G. 1980. A twenty-five year scenario of anticipated
resource developments that may have an impact on fish and
fish habitat in the Prairie Provinces and the Northwest
Territories. Canadian Manusc. Rep. Fish. Aquat. Sci. i-iv +
11-31. (Source missing publication number).

Wynne-Edwards, V. C. 1947. North West Canadian fisheries
surveys in 1944-1945. Chap. 2. (The Yukon Territory); Chap. 3
(The Mackenzie River). Fish. Res. Bd. Canada Bull. (72):
6-30.

----- 1952. Freshwater vertebrates of the Arctic and
Subarctic. Fish. Res. Bd. Canada Bull. (94): 1-28, 3 fig.

Z

Zakharov, G. P., and Chekhova, V. A. 1972. Distribution and
biological characteristics of beaked redfish of the Davis
Strait. Trudy polyar. Nauchno-issled. proekt. Inst. morsk.
ryb. Khoz. Okeanogr. 28: 184-198, 3 figs., 2 maps. (in
Russian).

Zalewski, B. R. and Weir, J. B. 1981. Range extensions for 15
teleost fishes in Hudson Bay Lowlands, Ontario. Canadian
Field-Nat. 95(2): 212-214, 1 fig. (map).

