

Bibliography of Fisheries and Environment Canada Reports— Arctic Islands Pipeline Route

**J. Sefton
G. Miller**

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Report
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Environmental-Social Program
Northern Pipelines

Programme écologique et social
Pipe-lines du Nord

AIPP PRELIMINARY REPORT 1977

The Arctic Islands Pipeline Route;
a Bibliography of Unpublished Fisheries
and Environment Canada Reports

Joan Sefton*
Gordon Miller**

*Schick Information Systems

**Canadian Wildlife Service
Fisheries and Environment Canada

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This report presents preliminary data and results obtained by Fisheries and Environment Canada for use by the Arctic Islands Pipeline Program. These investigations were carried out under the Environmental-Social Program, Northern Pipelines of the Government of Canada. While the studies and investigations were initiated to provide information necessary for the assessment of hydrocarbon transportation proposals, the knowledge gained is equally useful in planning and assessing other development projects.

Any opinions or conclusions expressed in this report are those of the authors and are not necessarily shared by the Government of Canada.

ABSTRACT

A bibliography of unpublished and little-known reports prepared by Department of Fisheries and the Environment providing information relevant to an evaluation of the environmental impact of an Arctic Islands pipeline. Areas considered include Queen Elizabeth Islands, Prince of Wales Island, Somerset Island, Coats Island, District of Keewatin and northeastern Manitoba.

RÉSUMÉ

Le présent ouvrage est une bibliographie de rapports inédits et peu connus du ministère des Pêches et de l'Environnement qui donnent des renseignements sur l'évaluation de l'incidence environnementale du pipeline des îles de l'Arctique. Les régions traitées comprennent les îles Reine-Elizabeth, l'île Prince-de-Galles, l'île Somerset, l'île Coats, le district de Keewatin et le nord-est du Manitoba.

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INTRODUCTION

The future of oil and gas reserves in the Canadian Arctic Islands is currently a major Canadian concern. Government, industry, native peoples and the public all have a stake in the development of new energy reserves. Interest in this resource began to develop in the early 1960's. The first oil and gas permits were issued in 1960 under the Canada Oil and Gas Regulations. Dome Petroleum drilled the first Arctic Islands well during the winter of 1961-62. Exploratory activity boomed in 1968 with the discovery of oil and gas at Prudhoe Bay and with the formation of the industry-government consortium, Panarctic Oils Ltd. In 1970, Panarctic found major gas deposits. By mid 1972 enough gas reserves had been discovered to warrant consideration of a pipeline from the Archipelago to southern Canada. Finally, in early 1973, the Polar Gas Study Project announced that it was undertaking feasibility and background studies for an Arctic Islands pipeline. Polar Gas is expected to make a formal application to construct this pipeline to the National Energy Board during 1977.

Decisions regarding the development of oil and gas reserves in the Arctic Islands and the construction of pipelines, roads, ports and other peripheral facilities are pending. A major consideration in each of these decision must be the impact that exploitation and construction will have on the natural environment. This bibliography catalogues some of the reports which describe and explain features of the natural environment of the high Arctic, Keewatin and northern Manitoba and which will provide information relevant to an assessment of the environmental impact of an Arctic Islands pipeline.

Scope

The bibliography which follows was prepared under the Department of Fisheries and the Environment's Arctic Islands Pipeline Program (AIPP). It is a compilation of unpublished reports prepared by employees of the various agencies of the Department of Fisheries and the Environment, as well as those prepared in these agencies before they became part of the Department in 1970/71. The bibliography also includes a number of published reports which have not received wide distribution and are not generally available.

The reports included in this list deal with areas in the Northwest Territories and northern Manitoba likely to be most affected by development of oil and gas reserves in the high Arctic and the construction of a pipeline to southern Canada. Areas we have considered include the Queen Elizabeth Islands, Prince of Wales Island, Somerset Island,

Southampton Island, Coats Island, the District of Keewatin east of 100° longitude and the northeastern corner of Manitoba.

Our efforts are intended to supplement existing bibliographic coverage of northern Canada. The Arctic Bibliography provides retrospective and historic coverage for the entire area. Merle Peterson's continuing series of annotated bibliographies, Ecology of the Canadian Arctic Archipelago: selected references, provides equivalent coverage for the high Arctic. Unfortunately, there is no current coverage for the Keewatin or northern Manitoba, although a number of subject-oriented bibliographies do include these areas. A list of other bibliographies that provide coverage of the natural environment of the central and eastern Arctic and northern Manitoba is provided below.

Methods

The references in the bibliography were collected from a variety of sources: we consulted a variety of subject and regional bibliographies and several computer based bibliographic services; we examined the references cited in reports prepared by other AIPP projects, for Panarctic Oils Ltd. and for Polar Gas Ltd.; we contacted and visited a number of libraries and information centers in which we hoped this type of material would be stored; and we contacted and visited many of the researchers who are currently involved in investigations of the natural environment of the high Arctic Islands and the proposed pipeline route. We attempted to examine each report and to provide each citation with an annotation and a set of index terms. The subject index terms we used were adapted from those used in the Peterson bibliographies. Although we attempted to be as comprehensive as possible, the nature of the material we were researching makes it impossible to say that all pertinent reports have been found. However, we are certain that the majority of the pertinent reports are listed below.

Availability

The reports included are generally unpublished and therefore may be difficult to access. We had to rely on personal contacts within the Department to identify and locate most of them. Those who have similar contacts will have little difficulty in locating and using these reports. Others should contact one of the libraries within the Department of Fisheries and the Environment for advice and assistance.

OTHER BIBLIOGRAPHIC SOURCES

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Arctic bibliography. Vols. 1-16. Arctic Institute of North America.

Cameron, J.J. & Smith, D.W. 1977.

Annotated bibliography on northern environmental engineering 1974-75. Dept. of Fisheries and the Environment, Environmental Protection Service, Water Pollution Control Directorate Economic and Technical Review Report EPS 3-WP-77-6.

Carter, N.M. 1968.

Index and list of titles; Fisheries Research Board of Canada and associated publications, 1900-1964. Fisheries Research Board of Canada Bulletin No. 164.

Carter, N.M. 1969.

Index and list of titles of manuscript reports (Biological No. 1-900; Experimental No. 1-61; Oceanographic and Limnological No. 1-299) to their conclusion as three separate series in 1966. Fisheries Research Board of Canada Manuscript Report Series (Biological No. 900).

Carter, N.M. 1973.

Index and list of titles; Fisheries Research Board of Canada and associated publications, 1965-1972. Fisheries Research Board of Canada Miscellaneous Publication No. 18.

Heinke, G.W. 1972.

Bibliography of Arctic environmental engineering, Department of Indian Affairs and Northern Development, Northern Science Research Group.

Henley, T.J. & Eyler, P.L. 1976.

Hudson Bay lowlands bibliography. University of Manitoba, Natural Resources Institute.

National Research Council (Canada). Subcommittee on Hydrology. 1958.

Selected bibliography of hydrology to the end of 1958, Canada. National Research Council and Department of Northern Affairs and National Resources, Water Resources Branch.

National Research Council (Canada). Subcommittee on Hydrology. 1963.

Selected bibliography of hydrology for the years 1959 to 1961, annotated; Canada. National Research Council and Department of Northern Affairs and National Resources, Water Resources Branch.

National Research Council (Canada). Subcommittee on Hydrology. 1966.

Selected bibliography for the years 1962 to 1964, annotated; Canada. National Research Council and Department of Energy, Mines and Resources, Water Resources Branch.

National Research Council (Canada). Subcommittee on Hydrology. 1968.

Selected bibliography of hydrology for the years 1964 to 1967, annotated; Canada. National Research Council and Department of Energy, Mines and Resources, Inland Waters Branch.

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Nicholson, H.F. 1974-76.

Bibliography on the limnology and fisheries of Canadian freshwaters. Vols. 1-4, and Author Index. Dept. of Fisheries and the Environment, Fisheries and Marine Service Technical Reports No. 471,504,566,605,672.

Peterson, N.M. 1974-76.

Ecology of the Canadian Arctic Archipelago; selected references. Vols. 1-4. Department of Indian and Northern Affairs, Arctic Land use Research Program.

Roberts-Richette, P. 1972.

Annotated bibliography of permafrost-vegetation wildlife-landform relationships. Dept. of the Environment, Canadian Forestry Service Information Report FMR-X-43.

Thomas, M.K. 1961.

A bibliography of Canadian climate, 1763-1957. Meteorological Branch, Department of Transport and National Research Council, Division of Building Research.

Thomas, M.K. 1973.

A bibliography of Canadian climate, 1958-1971. Dept. of the Environment, Atmospheric Environment Service.

ENVIRONMENTAL MANAGEMENT SERVICE

Boyd, D.H., Schmidt, R.K., Hayden, W. & Dickson, I.W. 1977. 1

Possible effects of the proposed Polar Gas pipeline project on living resource use in the eastern Arctic. AIPP preliminary report 1977. Prepared for Dept. of Fisheries and the Environment, Arctic Islands Pipeline Program by Interdisciplinary Systems Ltd. Indian and Northern Affairs / Environment Canada, Ottawa. ESCOM Report no. AI-02. 229p.

"Examination of use of living resources by twelve Inuit communities, and potential effects of pipeline on community resource-use patterns"

Pipelines / Rankin Inlet / Whale Cove / Eskimo Point / Pelly Bay / Repulse Bay / Coral Harbour / Resolute / Spence Bay / Arctic Bay / Gjoa Haven / Baker Lake / Chesterfield Inlet

Peterson, E.B. 1977. 2

Possible environmental disruptions from an Arctic Islands gas pipeline. AIPP preliminary report 1977. Prepared by Western Ecological Services Ltd. Indian and Northern Affairs / Environment Canada, Ottawa. ESCOM Report no. AI-10. 33, 29p. maps.

"Part 1; Arctic Islands to Longlac, Ontario. Part 2; Spence Bay to Mansel Island, N.W.T."

Disturbance / Pipelines / Keewatin / Hudson Bay / Queen Elizabeth Islands / Manitoba

CANADIAN WILDLIFE SERVICE

Banfield, A.W.F. 1950.

3

The barren-ground caribou, 1950. Unpublished typescript. Dept. of Resources and Development, National Parks Branch, Canadian Wildlife Service. 150p. appendices.

"Includes summary of factors affecting population decrease and recommendations for conservation"

Caribou / Keewatin / Manitoba

Banfield, A.W.F. 1950?

4

Investigation of barren-ground caribou in Mackenzie and Keewatin Districts, N.W.T., 1948-50. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 150p. appendices.

"Objectives include ascertaining of present status, distribution, movements, population trend, life history, ecological relationship of caribou to its environment, human utilization, and future management considerations"

Caribou / Keewatin / Manitoba

Banfield, A.W.F. 1951.

5

Second report on the barren-ground caribou investigation, 1951. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 3p.

"Preliminary aerial survey population estimate"

Caribou / Keewatin / Manitoba

Banfield, A.W.F. 1955.

Ice reconnaissance flights, 1955. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 53p. appendices.

"Wildlife observations by aerial survey"

Caribou / Seals / Whales / Walrus / Vegetation /
Seabirds / Prince of Wales Island / Devon Island /
Cornwallis Island / Somerset Island

Barrett, P.E. 1972.

Revegetation of track vehicle disturbance on the Truelove Lowlands, Devon Island. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 14p. illus.

"Introduction to literature bearing on this problem and report of summers' activities, observations and recommendations for future work - interpretations are to be considered tentative"

Vegetation / Disturbance / Devon Island

Barry, T.W. 1958.

Waterfowl investigations and wildlife surveys of the western Arctic and some of the central Arctic Islands; annual progress report. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 13p.

"Surveys of Somerset Island and vicinity"

Mammals / Birds / Waterfowl / Boothia Peninsula / Devon Island / Somerset Island

Beckel, D.K.B. 1958.

A pilot study of caribou summer range (calving ground), Kaminuriak Lake, N.W.T. by means of airphoto interpretation and analysis. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 16p. illus.

"Soils and vegetation analyses"

Caribou / Soils / Landforms / Vegetation / Keewatin

10

Briscoe, B.W. 1974.

Waterfowl habitat of the Nelson River estuary and Hudson Bay coastline; preliminary study. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 20p. appendices.

Waterfowl / Soils / Water Quality / Vegetation / Nelson River / Hudson Bay

11

Broughton, E. & Choquette, L.P.E. 1969.

Additional information and comments on disease conditions and parasites of barren-ground caribou. Unpublished typescript. Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 29p.

"Field investigations from April 1966 to July 1968, Kaminuriak Lake"

Caribou / Keewatin

Brown, R.G.B. 1977.

An atlantic puffin (Fratercula arctica) in western Lancaster Sound. Unpublished typescript. Dept. of Fisheries and the Environment, Canadian Wildlife Service Studies on Northern Seabirds Report no.48. 1p.

"Not seen"

Seabirds / Lancaster Sound

Bruggeman, P.F. 1953?

Wildlife observations made in 1953 at Eureka, Fosheim Peninsula, Ellesmere Island, N.W.T. Unpublished typescript. Prepared for Dept. of Resources and Development, Canadian Wildlife Service. 42p. maps.

"Includes muskox observations on herd composition movements, food, predation, population estimates and annotated lists of birds and mammals"

Muskox / Mammals / Birds / Climate / Vegetation / Fosheim Peninsula / Ellesmere Island

Bruggeman, P.F. 1954?

Wildlife observations made in 1954 at Eureka, Fosheim Peninsula, Ellesmere Island, N.W.T. Unpublished typescript. Prepared for Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 45p. maps.

Muskox / Mammals / Birds / Arctic Fox / Wolves / Fosheim Peninsula / Ellesmere Island

Canadian Wildlife Service. 1968.

Manitoba - Keewatin caribou study, progress report no. 2, April, 1966 to September, 1968. Unpublished typescript. Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 18p.

"Reproductive and nutritive conditions, range relationships, age determination and composition, and distribution and movement, with charts"

Caribou / Keewatin / Manitoba

Colls, D.G. 1952.

Report on exploratory trip to Southampton Island, N.W.T., July, 1952. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 7p.

"Some bird and mammal observations on flights along west coast of Hudson Bay, July 4 - 10"

Waterfowl / Birds / Caribou / Mammals / Hudson Bay / Southampton Island

Cooch, F.G. 1952.

Blue goose investigations, Southampton Island, N.W.T. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 4p.

"Preliminary data summary of first year of proposed four year study"

Waterfowl / Southampton Island

Cooch, F.G. 1954.

Blue goose breeding grounds. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 1 vol.

"Includes information on area, climate and breeding season, courtship, behaviour, nest construction and defence, clutch sizes and nest distribution"

Waterfowl / Southampton Island

Cooch, F.G. 1954?

Waterfowl investigations - Eskimo Point, N.W.T. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 13p.

"Investigation of blue and lesser snow geese, July 26 to August 10, 1954, known to breed south of Eskimo Point including sections on breeding area description, banding operations, 1954 breeding season, and predation"

Waterfowl / Eskimo Point

Cooch, F.G. 1955?

Waterfowl reconnaissance of Southampton Island and southwest Baffin Island, July 18, 1955. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service, 15p. maps.

"Aerial survey of blue goose and lesser snow goose breeding colonies"

Waterfowl / Whales / Birds / Southampton Island

Cooch, F.G. 1958.

Report on investigations, problems and future of ornithology in the N.W.T. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 17p. maps.

Birds / Waterfowl / Seabirds / Hudson Bay / Queen Elizabeth Islands

Cooch, F.G. 1960.

Tolerance of blue goose eggs to flooding. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 3p.

"Experiment to measure effect of flooding on hatchability"

Disturbance / Waterfowl

Cooch, F.G. & Barry, T.W. 1957.

Proposed migratory bird sanctuaries, Southampton Island, Keewatin. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 10p.

"Includes nesting populations at Boas River Delta and East Bay"

Waterfowl / Southampton Island

Cooke, F. 1968.

The snow goose colony at La Perouse Bay, Manitoba, June 1968. Unpublished typescript. Prepared for Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 14p.

"Preliminary report describing the genetic and population study of the small colony"

Waterfowl / Hudson Bay

Cooke, F. 1976.

Return of snow geese to breeding colony - estimates based on resighting of colour marked birds. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 25p.

"Assessment of return rates, mortality and migration"

Waterfowl / Hudson Bay

Cooke, F. & Healey, R.F. 1976

Snow geese studies at La Perouse Bay, Manitoba. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 20p.

"Summary of projects undertaken at the colony in summer of 1975"

Waterfowl / Vegetation / Hudson Bay

Cowan, W.F. 1975.

The impact of reduced flows on waterfowl of the lower Churchill River; preliminary assessment. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 30p. appendices.

"Effects of diversion scheme and recommendations for alleviating environmental damage"

Disturbance / Waterfowl / Manitoba / Churchill River

Finney, G.H., Cooke, F., Ryder, J.P. & Seiger, M.B. 1972.

A population study of the lesser snow goose at La Perouse Bay, Manitoba. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 74p.

"To determine the causes and consequences of assortative mating phenomena"

Waterfowl / Hudson Bay

Gaston, A.J. & Nettleship, D.N. 1976.

Studies of seabirds at Prince Leopold Island and vicinity, Northwest Territories; biological investigations of thick-billed murre (Uria lomiva) in 1975. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service Studies on Northern Seabirds Report no. 46.

Seabirds / Prince Leopold Island

Gauthier, M.C. 1976.

An investigation of the food preferences of muskoxen, Peary caribou and Arctic hare on Bathurst Island, N.W.T., 1974. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 35p.

"Observations of the activities of the three species in the dominant range types of the area"

Vegetation / Muskox / Caribou / Mammals / Mosses / Lichens / Vascular Plants / Bathurst Island

Germain, P., Tull, C.E. & Pilate, S. 1971.

Studies on the Arctic environment-distribution of seabirds, fall 1970. Unpublished typescript. Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 36p.

"Contract report by PIROP, Dept. de Biologie, Universite de Moncton including tables of density of main species in Eastern Arctic areas and comparative discussion of observations"

Seabirds / Lancaster Sound

Gillespie, D.I. 1971.

Review of the Hudson and James Bays goose information. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 21p. appendices.

"Information on regulations, seasons, day and possession limits, hunting camps, enforcement kill and hunter statistics, and sanctuaries".

Waterfowl / Hudson Bay

Gray, D.R. 1969.

A study of muskoxen behaviour on Bathurst Island, N.W.T. Unpublished typescript. Prepared for Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 29p.

"Social and communicatory behaviour"

Muskox / Bathurst Island

Gray, D.R. 1970.

Muskox studies, Bathurst Island, 1969; preliminary report. Unpublished typescript. Prepared for Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 17p.

"Includes herd structure and composition, stability, distribution and dominance heirarchy studies"

Muskox / Bathurst Island

Gray, D.R. 1972.

Social organization and behaviour of muskoxen on Bathurst Island, N.W.T. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 53p. appendices.

"Thesis (Ph.D.) - University of Alberta"

Muskox / Bathurst Island

Gray, D.R. 1972.

Winter research on the muskox (Ovibos moschatus Wardi) on Bathurst Island 1970-71. Unpublished typescript. Prepared for Dept. of the Environment, Canadian Wildlife Service. 78p.

"Includes population, herd structure and stability, distribution and behaviour information"

Muskox / Climate / Bathurst Island

Gunn, W.W.H. 1949.

Report on wildlife observations, Arctic weather station re-supply mission July 15 - September 7, 1949. Unpublished typescript. Dept. of Mines and Resources, Dominion Wildlife Service. 63p.

"Personal observations and information from other sources, gathered on U.S. Navy Task Force 49.8 by means of aircraft flights and some shore landings"

Mammals / Birds / Flora / Invertebrates / Fish / Queen Elizabeth Islands

Harrington, C.R. 1961.

Some data on the polar bear and its utilization in the Canadian Arctic. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 33p. illus.

"Summary of surveys taken from 1921 - 1960 and suggested reasons for resultant trends"

Polar Bears / Southampton Island / Simpson Peninsula / Boothia Peninsula

Harington, C.R. 1961.

Summary - Polar bear study, February - March 1961. Unpublished typescript. Dept. of Northern Affairs and National Development, Canadian Wildlife Service. 14p.

"Observations, conclusions, and recommendations"

Polar Bears / Southampton Island

Harington, C.R. 1962.

Lactation in polar bears. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 11p.

"Review of some of few existing observations on the subject"

Polar Bears

Harington, C.R. 1963.

Biological observation on northeastern Devon Island. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 57p.

"Summation of various observations from present and past records"

Physiography / Vegetation / Vascular Plants / Mosses / Polar Bears / Fish / Birds / Seabirds / Waterfowl / Muskox / Caribou / Devon Island

Harington, C.R. 1963.

Polar bear study, Resolute Bay area, N.W.T. 1962. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 38p. illus.

"Data on size, food, parasites, injuries, reproductive condition, and milk composition of specimens as well as information on den sites and behaviour"

Polar Bears / Cornwallis Island / Somerset Island

Harington, C.R. 1964.

Annual progress report 1963-64, Polar bear project. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 6p.

"Summary of 1963 field study results"

Polar Bears / Southampton Island

Harington, C.R. 1964.

Bird observations on Southampton Island. Unpublished. typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 4p.

"Sightings of birds made in course of polar bear field work"

Birds / Southampton Island

Harington, C.R. 1964.

Polar bear study - Southampton Island, Northwest Territories, 1962. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 32p.

"Study to gather observational data and specimens mainly by boat"

Polar Bears / Southampton Island / Coats Island

Harington, C.R. 1964.

Polar bear study - Southampton Island, Northwest Territories, 1963. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 55p. illus.

"Study to collect information on denning habits and den ecology"

Polar Bears / Southampton Island

Harington, C.R. 1965.

Coats Island caribou survey, 1965. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 9p. illus.

"Aerial survey sightings, movements, and population estimates"

Caribou / Coats Island / Bencas Island

Harington, C.R. 1965.

Polar bear survey, Southampton Island, N.W.T.
Unpublished typescript. Dept. of Northern Affairs and
National Resources, Canadian Wildlife Service. 19p. illus.

"Track locations, movement patterns, denning activity,
and sightings"

Polar Bears / Southampton Island

Harrison, A.S. (comp.) 1974.

Arctic Islands supplement to the Arctic Ecology Map
Series. Unpublished typescript. Dept. of the Environment.
Canadian Wildlife Service. 22p.

"Information update and corrections"

Caribou / Muskox / Arctic Fox / Wolves / Polar Bears /
Birds / Queen Elizabeth Islands / Keewatin

Hawley, V.D. 1968.

Report on examination of oil exploration activities,
Melville Island, N.W.T. June 10-13, 1968. Unpublished
typescript. Dept. of Indian Affairs and Northern
Development, Canadian Wildlife Service. 10p. slides

"Assessment of seismic operations and summary of large
mammal observations"

Disturbance / Oil & Gas Exploration & Development /
Polar Bears / Muskox / Caribou / Melville Island

Inglis, J.T. & Jonkel, C.J. 1973

Ellesmere Island range studies. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 28p. illus.

"Includes definition of major terrain units"

Muskox / Caribou / Vegetation / Mammals / Ellesmere Island / Fosheim Peninsula

Ironside, G.R. & Retfalvi, L.I. 1975.

Potential impacts of industrial development on wildlife resources of northern areas and guidelines for their mitigation. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 46p.

"Defines potential hazards based on review of current publications and reports"

Disturbance / Pipelines / Birds / Mammals

Jonkel, C.J. 1968.

Life history, ecology, and biology of the polar bear, annual report no. 7: 1967-68. Unpublished typescript. Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 8p. appendix.

"Summary of season's field work and aerial sightings"

Polar Bears / Hudson Bay

Jonkel, C.J. 1970.

Muskox studies on Bathurst Island, May 1970. Unpublished typescript. Dept. of Indian Affairs and Northern Development, Canadian Wildlife Service. 6p.

"Field trip data and discussion"

Muskox / Bathurst Island

Jonkel, C.J. 1975.

Lancaster Sound - Admiralty Inlet polar bear studies; progress report. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 21p.

"Prepared for Strathcona Sound Project, Dept. of Indian and Northern Affairs"

Polar Bears / Seals / Whales / Walrus / Waterfowl / Seabirds / Lancaster Sound / Devon Island / Cornwallis Island

Jonkel, C.J. & Smith, P.A. 1972.

Muskox population and range studies. Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 48p.

"Not seen"

Muskox / Ellesmere Island

Jorgenson, C. 1972.

Land use inspection report on exploration in the Arctic Islands (February 28 to March 4, 1972). Unpublished typescript. Dept. of the Environment, Canadian Wildlife Service. 9p. illus.

Oil & Gas Exploration & Development / Prince of Wales Island / Graham Island / Amund Ringnes Island / Ellef Ringnes Island / Thor Island / Melville Island / King Christian Island

Kelsall, J.P. 1948.

Preliminary narrative report on observations made from U.S. Task Force 80 in the Canadian Arctic July 11 to September 19, 1948. Unpublished typescript. Dept. of Mines and Resources, Dominion Wildlife Service. 9p.

Muskox / Mammals / Queen Elizabeth Islands

Kelsall, J.P. 1948.

Wildlife and geological observations from Task Force 80, July 15 - September 19, 1948. Unpublished typescript. Dept. of Mines and Resources, Dominion Wildlife Service. 9lp.

Flora / Mammals / Birds / Invertebrates / Devon Island / Cornwallis Island / Ellesmere Island

Kelsall, J.P. 1951.

Concerning white and red foxes in the central Canadian Arctic. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 6p.

"Report regarding open season for white foxes, and competition between red and white foxes"

Arctic Fox / Mammals / Keewatin

Kelsall, J.P. 1953.

Predation on barren-ground caribou. Unpublished typescript. Dept. of Resources and Development, Canadian Wildlife Service. 14p.

"Summary of wolf predation information and observations with a discussion of wolf control"

Wolves / Caribou / Keewatin

Kelsall, J.P. 1955.

Barren-ground caribou resurvey. Unpublished typescript. Dept. of Northern Affairs and National Resources, Canadian Wildlife Service. 2lp. maps.

"A second look at caribou populations to re-assess numbers and distribution by region and individual herds"

Caribou / Muskox / Keewatin / Manitoba

Kelsall, J.P. 1955.

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 HDS 53 Baker Lake
 HDS 66 Coral Harbour
 HDS 67 Ennadai Lake
 HDS 68 Alert
 HDS 69 Resolute Airport
 HDS 70 Eureka
 HDS 71 Mould Bay
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"Project report on Lancaster Sound survey includes depth and velocity measurements"

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