

**BIBLIOGRAPHY**

**ARCTIC BAY 48C**

**GENERAL REFERENCES**

April, Jacqueline. 1978. Nantivik: Plomb et Zinc au 73<sup>rd</sup>. *North-Hord*. April 1978. Indian Affairs and Northern Development. Ottawa.

Beardmore, R. 1977. *Regional Analysis of Natural Region 37: The Eastern Arctic Lowlands*. Parks Canada, Department of Indian Affairs and Northern Development, Ottawa.

Bisset, Don. 1967. *An Area Economic Survey, Volume I Lancaster Sound Survey*. Department of Indian Affairs and Northern Development. Ottawa.

Buchanan, R.A. and W.C. Renaud. 1977. *The Marine Ecology of Lancaster Sound and Adjacent Waters: An Annotated Bibliography*. Unpublished report prepared by L.G.L. Ltd., Toronto for the Institute of Ocean Sciences, Fisheries and Environment, Victoria, B.C.

Canada, Department of Fisheries and Environment. 1970. *Pilot of Arctic Canada*. Vol. 1, 2nd Edition. Canadian Hydrographic Service, Ottawa.

Canada, Geological Survey. 1970. *Geology and Economic Minerals of Canada*. Economic Geology Report No. 1. Department of Energy, Mines and Resources. Ottawa.

Canadian Arctic Resources Committee. 1976. *Nantivik, Northern Perspectives*. Volume Four, Number Two. 1976. Ottawa.

Collin, A.E. 1962. *The Oceanography of Lancaster Sound*. Ph.D. Thesis, McGill University, Montreal.

Department of Indian Affairs and Northern Development. 1980. *The Lancaster Sound Region: 1980 - 2000*. Green Paper Draft. Perspectives and Issues on Resource Use. Preliminary Data Atlas. Prepared by the Working Group on the Lancaster Sound Regional Study. December, 1980.

Fish, Richard. 1979. Nantivik Mines in Canada's High Arctic. *Canadian Mining Journal*. September 1979.

Fisheries and Environment Canada. 1978. *An Arctic Atlas*. Background Information for Developing Marine Oilspill Countermeasures. Arctic Marine Oilspill Program Report EP-9-EC-78-1. Environmental Impact Control Directorate. August 1978.

Foundation of Canada Engineering Corporation Limited. 1974. *The Northwest Passage, An Environmental Study Related to Offshore Operations with Emphasis in Lancaster Sound*. Norlands Petroleum Limited.

Freeman, M., Research Ltd. 1976. *Limit Land Use and Occupancy Project*, 3 Vols. Prepared for the Department of Indian and Northern Affairs. Ottawa.

Korhonen, Paul. (ed.) 1977. *Canada North Atlantic*. Research Institute of Northern Canada. ATP Preliminary Report 1977. ESCOM Report No. AI-02.

Marking, M.E. 1977. *Ice Climatology of Lancaster Sound*. Unpublished technical report. Atmospheric Environment Service, Toronto.

Milne, A.R. and B.R. Smiley. 1978. *Offshore Drilling in Lancaster Sound: Possible Environmental Hazards*. Institute of Ocean Sciences, Department of Fisheries and Environment. Sidney, B.C.

Nettleship, D.N. and P.A. Smith. (eds). 1975. *Ecological Sites in Northern Canada*. Canadian Committee for the International Biological Programme. Conservation Terrestrial - Panel 9. Ottawa.

Norlands Petroleum Limited. 1978. *Environmental Impact Statement for Exploratory Drilling in the Lancaster Sound Region*.

Authority to Drill Norlands Maanorh Dundas K-56, Lancaster Sound, N.W.I. - 1977. Submission in Support of an Application for Drilling in the Lancaster Sound Region.

Approval - 1974. Lancaster Sound Exploratory Well Proposal - Arctic Submission - Calgary.

Roots, E.F. (ed.) 1970. *Lancaster Sound - Issues and Responsibilities*. Canadian Arctic Resources Committee. Ottawa.

Rosenberg, Gertrude. 1979. *Current and Recent Research and Studies Relating to Northern Social Concerns*. Volume II. NSRD 79-1. Northern Social Research Division. Department of Indian Affairs and Northern Development. Ottawa.

Relating to Northern Social Concerns. NSRD 79-1. Northern Social Research Division. Department of Indian Affairs and Northern Development. Ottawa.

Shackell, Stewart. 1979. *Northern Community Descriptions for Indian and Northern Affairs*. Ottawa.

Stepney, P.H.R. 1977. *A Review of Ocean Currents and Surface Winds of Lancaster Sound*. Prepared for Norlands Petroleum Limited by Renewable Resources and Consulting Services Limited. Calgary.

The Western Miner: Covering the Canadian Mining Scene From Coast to Coast. Volume 52, Number 10. October 1979. Vancouver, B.C.

Thomson, D., S. Woods and J. Acreman. 1975. *Marine Ecology Survey in the Central Portion of the Canadian Arctic Islands, 1974*. Unpublished McGill University Report prepared for Polar Gas Project.

Tri-Cont Engineering Limited. 1978. *An Addendum to the Submission in Support of an Application for Drilling Authority to Drill Norlands Maanorh Dundas K-56, Lancaster Sound, N.W.I.* Norlands Petroleum Ltd.

Travel Arctic. *Explorers' Guide '79*. Yellowknife, N.W.T.

**ECOLOGICAL OVERVIEW**

Barrie, W.B., B.D. Bornhold, D.A. Hodgson, R.G. Jubb, P. McLaren, and R.B. Taylor. 1978. *Coastal Reconnaissance for Marine Terminal Planning*. G.S.C. Open File 533. Vol. 1. Energy, Mines and Resources. Ottawa.

Blackadar, R.G. 1965. *Geological Reconnaissance of the Precambrian of Northwestern Baffin Island, Northwest Territories*. Paper 64-42. Geological Survey of Canada. Department of Mines and Technical Surveys. Ottawa. pp. 1-11, 42.

Blackadar, R.G. 1966. *Geological reconnaissance of Admiralty Inlet, Baffin Island, Arctic Archipelago, Northwest Territories*. Geological Survey of Canada. Paper 95-6. Department of Mines and Technical Surveys. 25p and map and stratigraphic sections.

Canada Department of Transport. 1968. *Climatic normals: Vol. 1, Temperature; Vol. 2, Precipitation; Vol. 6, Frost Data*. Meteor. Br., Transp. Can., Toronto.

Canada Soil Survey Committee. 1978. *The Canadian System of Soil Classification*. Publ. 1846, Res. Br., Dept. Agric., Ottawa.

Canadian Hydrographic Service. 1980. *Canadian Tide and Current Tables, Vol. 5, Arctic and Hudson Bay*. Department of Fisheries and Oceans, Ottawa.

Canada. 1978. *Sailing directions: Arctic Canada*. Supply and Services, Ottawa.

Conard, H.S. 1979. *How to know the mooses and livevoets* (2nd ed.). Rev. by P.L. Redfearn, Jr. The Pictured Key Nature Ser., Mn. C. Brown Co. Publ., Dubuque, Iowa.

Fortier, Y.D. et al. 1963. *Geology of the North-Central part of the Arctic Archipelago, Northwest Territories (Northwest Franklin)*. Geol. Surv. Can. Mem. 320. Dept. Mines and Tech. Surv., Ottawa.

Hale, M.E. 1969. *How to know the lichens* (2nd ed.). The Pictured Key Nature Ser., Mn. C. Brown Co. Publ., Dubuque, Iowa.

Lemon, R.R.H. and R.G. Blackadar. 1963. *Admiralty Inlet Area, Baffin Island, District of Franklin, Memoire 323*. Geological Survey of Canada. Department of Mines and Technical Surveys. Ottawa. pp. 1-6, 77-80.

**Ecological Overview (cont.)**

Polunin, N. 1946. *Botany of the Canadian Eastern Arctic, Part III, Vegetation and ecology*. Bull. No. 10, Biol. Ser. No. 32. Nat. Mus. Can., Ottawa.

Porcillo, A.E. 1957. *Illustrated Flora of the Canadian Arctic Archipelago*. Bull. No. 146, Nat. Mus. Nat. Sci., Nat. Mus. Can., Ottawa.

Trotter, H.P. 1969. *Lower Palaeozoic sediments of northwestern Baffin Island, District of Franklin*. Geological Survey of Canada Bulletin 157, Department of Energy, Mines and Resources, Ottawa.

May, D.S. 1973. *Terrain analysis: A guide to site selection using aerial photographic interpretation*. Chapter 1 (pp. 11-16). Landforms and aerial photographic terrain analysis. Community Development Series, Dowden, Hutchinson and Ross, Inc., Stroudsburg, Penn.

Milne, E.B., T.W. Pierce, and G.R. Ironside. 1981. *Multistage remote sensing in exploratory ecodistrict land classification*, pp. 63-71 in: *Proceedings, 6th Canadian Symposium on Remote Sensing* (Halifax, N.S., 21-23 May 1980). Can. Centre for Remote Sensing. Energy, Mines and Resources, Ottawa.

**WILDLIFE RESOURCES**

Barfield, A.W.F. 1974. *The Mammal of Canada*. University of Toronto Press, Toronto.

Bartonik, J.C. and D.N. Nettleship. 1979. *Conservation of Marine Birds of Northern North America*. U.S. Fish and Wildlife Service Report No. 11, Lancaster Regional Study. December, 1980.

B.C. Research. 1975. *Baseline Survey of the Marine Environment at Strathcona Sound, N.W.T.* Progress Report No. 1. Project 1552. Unpublished report for Strathcona Mineral Services by B.C. Research.

Bisset, D. 1968. *Northern Baffin Islands: An Area Economic Survey*. A.E.S.R. 67(1). Vol. 1 of the Lancaster Sound Survey. 1967, sections A and B. Industrial Division, Northern Administration Branch, Dept. of Indian Affairs and Northern Development, Ottawa.

Boreal Institute for Northern Studies. 1975. *Canadian Arctic Renewable Resources Mapping Project*. Prepared for Inuit Tapiriserat Canada. Boreal Institute for Northern Studies, University of Alberta, Edmonton. 232 p. and map volume.

Boyd, D.H., R.K. Schmidt, W. Hayden and I.W. Dickson. 1978. *Possible Effects of the Proposed Polar Gas Pipeline Project on Living Resource Use in the Eastern Arctic*. ATP Preliminary Report 1977. ESCOM Report No. AI-02. Prepared by Interdisciplinary Systems Ltd. for Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa.

Bray, R. 1943. *Notes on the Birds of Southampton Island, Baffin Island and Melville Peninsula*. (With comments by T.H. Monaghan.) *Bull. U.S. Geol. Surv.* 650:536.

Brown, R.G.B., D.N. Nettleship, P. Jernin, C.E. Tull, and T. Davis. 1975. *Atlas of Eastern Canadian Seabirds*. Canadian Wildlife Service, Ottawa.

Buchanan, R.A. and W.C. Renaud. 1978. *Marine Ecology of Lancaster Sound and Adjacent Waters: An Annotated Bibliography*. Environmental Studies 7. North of 60. Indian and Northern Affairs, Ottawa.

Canadian Wildlife Service. 1980. *Critical, Sensitive and Unique Wildlife Areas of the Open Tundra, Mainland and Forest-Tundra Transition Zone, and James Bay Portion of the Northwest Territories*. (In prep.). Ottawa, Edmonton.

Canada Wildlife Service. 1972. *Arctic Ecology Map Series*. Prepared for Canadian Wildlife Service by Renewable Resources Consulting Services Ltd., Calgary, Alberta. 324 p. and 29 maps.

Canada Wildlife Service. 1966. *Canadian Wildlife Service Brief: In: Proceedings First International Scientific Meeting on Polar Bear*. University of Alaska, Fairbanks, 6-10 September 1965. U.S. Dept. of Interior, Bureau of Sport Fisheries and Wildlife (Resource Publication 10), and University of Alaska (International Conference Proceedings Series No. 1). pp. 9-15.

Davis, R.A., K.J. Finley and W.J. Richardson. 1978. *The Present Status and Future Management of Arctic Marine Mammals in Canada*. Draft, prepared for Science Advisory Board of the Northwest Territories, Yellowknife by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario.

Davis, R.A., C. Holdsworth and W.J. Richardson. 1973. *Present Ornithological Knowledge and Suggested Research Programs for the Polar Gas Pipeline Project*. Vols. 1 and 2. Prepared for Norlands Petroleum Limited by Renewable Resources and Consulting Services, Toronto, Ontario. 245 p. and map volume.

Dunbar, M.J. 1947. *Marine Young Fish from the Canadian Eastern Arctic*. Fisheries Research Board of Canada, Bulletin 73: 1-11.

Dunbar, M.J. and D.M. Moore. 1978. *Marine Life and its Environment in the Canadian Eastern Arctic: A Biogeographic Study*. Unpublished report, Marine Sciences Centre, McGill University, Montreal, P.Q.

Ellis, D.V. 1962. *Observations of the Distribution and Ecology of Some Arctic Fish*. *Arctic* 15(1): 179-89.

Ellis, D.V. 1967. *Some Observations on Mammals in the Area between Coppermine and Pond Inlet, N.W.T., during 1954 and 1955*. *Canadian Field-Naturalist* 71: 1-6.

Ellis, D.V. 1966. *Observations on the migration, distribution, and breeding of birds in the Canadian Arctic during 1954 and 1955*. *Dansk Ornithologisk Forening Tidsskrift* 50(3): 207-229.

Fenco Consultants Ltd. 1978. *An Arctic Atlas: Background Information for Developing Marine Oilspill Countermeasures: Arctic Marine Oilspill Program Report EP-9-EC-78-1*. Fenco Consultants Ltd. and F.F. Slaney and Co. Ltd., Calgary. Fisheries and Environment Canada, Ottawa.

F.F. Slaney and Co. Ltd. 1974. *Preliminary Environmental Impact Assessment of the Proposed Lancaster Sound Offshore Drilling Operations*. Unpublished report, prepared for Norlands Petroleum Ltd., by F.F. Slaney and Co. Ltd., Calgary. Fisheries and Environment Canada, Ottawa.

Finley, K.J. 1978. *Behaviour and Densities of Ringed Seals (Phoca hispida) During Haul Out in the High Arctic, June 1977*. Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario.

Finley, K.J. 1976. *Studies of the Status of Marine Mammals in the Central District of Franklin, N.W.T., June-August, 1975*. Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario.

Finley, K.J. and W.G. Johnston. 1977. *An Investigation of the Distribution of Marine Mammals in the Vicinity of Somerset Island with Emphasis on Beloit Strait*. August-September 1976. Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario.

Ford, J.K.B. and H.D. Fisher. 1978. *Underwater Acoustic Signals of the Narwhal (Monodon Monoceros)*. *Can. J. Zool.* 56(4): 552-560.

Freeman, M.R. (ed.) 1976. *Limit Land Use and Occupancy Project*, 3 Vols. Volume One: *Land Use and Occupancy*. Volume Two: *Supporting Studies*. Volume Three: *Land Use Atlas*. Prepared by Wilton Freeman Res. Ltd. for Indian and Northern Affairs, Ottawa. 287 and 263 p. and map volume.

Freeman, M.R. (ed.) 1968. *Ethnozoological Interpretation of the Broekfene in Arctic Caribou*. *Arctic Circular* 18(3): 45-46.

Goffrey, W.E. 1966. *The Birds of Canada*. Nat. Mus. Canada Bulletin No. 203.

Goodman, A. 1980. *Arctic Ecology series*. Birds. (Revised) (In prep.). Government of Canada, 1966. *Atlas of the Northwest Territories, Canada*. Advisory Committee on the Development of Government in the Northwest Territories, Ottawa. Vol. 1 (text) and Vol. 2 (atlas).

Harrington, C.R. 1968. *Downing Nights of the Polar Bear (Ursus maritimus Phipps)*. Report Series No. 3, Canadian Wildlife Service, Ottawa.

**Wildlife Resources (cont.)**

Arctic. *Journal of Mammalogy*, 47: 506-513.

1984. *Polar Bears and Their Present Status*. *Canadian Audubon Magazine* 20(1): 3-10.

1961. *Some Data on the Polar Bear and Its Utilization in the Canadian Arctic*. Canadian Wildlife Service, Ottawa. Unpublished report.

Hatfield, C.T. and G.L. Williams. 1976. *A Summary of Possible Environmental Effects of Disposing Mine Tailings into Strathcona Sound, Baffin Island, North of 60*. *Arctic* 75:76-83. Indian and Northern Affairs, Ottawa.

Hay, K. 1979. *Population Biology of the Narwhal (Monodon Monoceros L.) in the Eastern Canadian Arctic*. Ph.D. Thesis (in prep.), McGill University, Montreal.

Hay, K. and D.E. Sergeant. 1976. *Interim Technical Report, Arctic Whale Project*. Environmental-Social Program, Northern Pipelines, manuscript.

Hildebrand, H. 1948. *Marine Fish of Arctic Canada*. M.Sc. Thesis, McGill University, Montreal.

Holloway, C.W. 1970. *Threatened Vertebrates in Northern Circumpolar Regions*. In: W.A. Fuller and P.G. Kevan, (eds.), *Proceedings of the conference on productivity and conservation in northern circumpolar lands*. Edmonton, L.G.L. Ltd., Publication New Series No. 10, Morges, Switzerland. pp. 175-192.

Jonkel, C. 1976. *Lancaster Sound - Admiralty Inlet Polar Bear Studies*. Strathcona Sound Project. Canadian Wildlife Service Unpublished report.

Jonkel, C., G.B. Kolensky, R.J. Robertson and R.H. Russell. 1971. *Further Notes on Polar Bear Denning Habits*. In: S. Herrero, (ed.), *Bears: their biology and management*. International Union for the Conservation of Nature and Natural Resources, Morges, Switzerland. Publication New Series No. 23. pp. 142-158.

Kemper, B. (ed.) 1976. *Environmental Baseline Studies 1975 Strathcona Sound Program*. Preliminary Report. Canadian Wildlife Service.

Kilham, H.P.L. and I. Stirling. 1978. *Observations on Overwintering Walrus in the Eastern Canadian High Arctic*. *Journal of Mammalogy* 59(1): 197-200.

Lalli, C.M., R. Buchanan, D. Thomson and F. Wells, Jr. 1973. *Polar Gas Preliminary Environmental Study*. Marine Ecology Report. Unpublished report, Marine Sciences Centre, McGill University, Montreal.

Loughrey, A.G. 1956. *The Polar Bear and Its Protection*. *Oryx* 3(3): 233-239.

Macdonald, S.D. and A.H. Macpherson. 1962. *Breeding Places of the Ivory Gull in the Arctic Circle*. *Bulletin 313*, National Museums of Canada, Ottawa. pp. 111-117.

Macpherson, A.H. 1964. *A Northwest Range Extension of the Red Fox in the Eastern Canadian Arctic*. *Journal of Mammalogy* 45: 138-140.

Manning, T.H. 1969. *Geographical Variation in the Polar Bear (Ursus maritimus Phipps)*. Report Series No. 13, Canadian Wildlife Service, Ottawa.

Manfred, A.W. 1975. *Marine Ecology in Arctic Inlet*. In: *Proceedings Circumpolar Conference on Northern Ecology*, September 15-18, 1975, Ottawa. National Research Council of Canada. Paper No. 11-27-47.

1973. *The Atlantic Walrus (Odobenus Rosomus) in Canada and Greenland*. In: *Seals, Proceedings, Working Meeting Seal Specialists on Threatened and Depleted Seals of the World*, University of Guelph, 16-19 August 1972. UICN Publication New Series, Supplementary Paper No. 39. pp. 65-79.

McKenzie, I.A. 1968. *The Economics of Seals in the Eastern Canadian Arctic*. Circular No. 1. Fisheries Research Board of Canada.

Milne, A.R. 1974. *Use of Artificial Subice Air Pockets by Wild Ringed Seals (Phoca hispida)*. *Can. J. Zool.* 52: 1092-1093.

Milne, A.R. and B.D. Smiley. 1978. *Offshore Drilling in Lancaster Sound: Possible Environmental Hazards*. Institute of Ocean Sciences, Patricia Bay, Dept. of Fisheries and Environment, Sidney, B.C.

Mitchell, E.D., M. McLaughlin and A. Filion. 1979. *Migration of Bowhead Whale (Balaena mysticetus) in Eastern Canadian Arctic Waters*. In: *Abstracts, Third Biennial Conference of Biology of Marine Mammals*, October 7-11, 1979, Seattle, Washington.

Nettleship, D.N. 1980. *A Guide to the Major Seabird Colonies of Eastern Canada*. Land Use, Biotic and Environmental Studies. Seabird Research Unit, C.N.S., Bedford Inst. of Oceanography, Dartmouth, Nova Scotia.

1973. *Canadian Seabird Research*. *Marine Pollution Bulletin* 4(4): 62-64.

1972. *Inter-relationships of Seabirds and the Coastal Zone. A Summary Report on Seabird Research*. In: *Coastal Zone, Proceedings of a Seminar at the Bedford Institute of Oceanography*, Dartmouth, Nova Scotia. Water Management Service, Dept. of the Environment, Ottawa. Volume I. Selected Background Papers, pp. 133-136.

Nettleship, D.N., T.R. Binkhead and A.J. Gaston. 1979. *Reproductive Failure among Arctic Seabirds Associated with Unusual Conditions in Lancaster Sound 1978*. Studies on Northern Seabirds, Report 77, Canadian Wildlife Service, Ottawa.

Nettleship, D.N. and P.A. Smith. (eds). 1975. *Ecological Sites in Northern Canada*. Canadian Committee for the International Biological Programme. Conservation Terrestrial - Panel 9. Canadian Wildlife Service, Ottawa.

Petersen, N.M. 1974-1978. *Ecology of the Canadian Arctic Archipelago: Selected References*. Vol. 1 (1974), 425 p.; Vol. 2 (1974), pp. 426-846; Vol. 3 (1975), pp. 847-1394; Vol. 4 (1976), pp. 1395-1790; and Vol. 5 (1978), pp. 1791-2277. Dept. of Indian and Northern Affairs, Ottawa.

Read, C.J. and S.E. Stephansson. 1976. *Distribution and Migration Routes of Marine Mammals in the Central Arctic Region*. Technical Report No. 667, Fisheries and Marine Services, Dept. of Environment.

Reeves, R. 1978. *The Narwhal. One of Northern Canada's Wonders*. *Arctic in Context* 6(1): 35-43.

1978. *Atlantic Walrus (Odobenus Rosomus) Research: A Literature Survey and Status Report*. (Dobson Report 10, Fish and Wildlife Service, U.S. Dept. of Interior).

2-5. 1977. *The Walrus. Not Exactly Thriving*. *North/Hord* 24(4): 1-6.

1977. *Bowhead Whales: Marine Giants in Our Arctic*. *Can. Geog.* 93(3): 38-45.

1976. *What Fate for the Narwhal?* *North/Hord* 23(3): 16-21.

1976. *Narwhals: Another Endangered Species*. *Can. Geog.* 92(3): 12-19.

Renewable Resources Consulting Services Ltd. 1977. *Aerial Surveys of Marine Mammals of Lancaster Sound, 1975-76*. Unpublished report. Prepared by Renewable Resources Consulting Services Ltd., for Norlands Petroleum Ltd.

Reynaud, W.E., S.R. Johnson, and P.D. Hollingside. 1979. *Breeding Birds of Arctic Bay, Baffin Island, N.W.T., with Notes on the Biogeographic Significance of the Avifauna*.

**Wildlife Resources (cont.)**

Schweinsburg, R.E. 1979. *Summer Snow Dens Used by Polar Bears in the Canadian High Arctic*. *Arctic* 30(2): 105-109.

1976. *Polar Bears - Research in and Around Admiralty Inlet, July - August 1975*. In: B. Kemper (ed.), *Environmental Baseline Studies 1975 - Strathcona Sound Program*. Preliminary Report, Canadian Wildlife Service, pp. 19-31.

Schweinsburg, R.E., I. Stirling, S. Osoburn, and H. Kilham. 1977. *A Status Report on Polar Bear Studies in Lancaster Sound*. December 1977. Prepared by Northwest Territories Fish and Wildlife Service, for Norlands Petroleum Ltd.

Sergeant, D.E. 1973. *Feeding, Growth, and Productivity of Northwest Atlantic Harp Seals (Pagophilus Groenlandicus)*. *J. Fish. Res. Board Can.* 30(11): 1047-1054.

1965. *Migrations of Harp Seals Pagophilus Groenlandicus (Erxleben) in the Northwest Atlantic*. *J. Fish. Res. Board Can.* 22(2): 433-464.

Sergeant, D.E. and K. Hay. 1979. *Migratory Sea Mammals Populations in Lancaster Sound*. AAPP Report 1978. ESCOM Report No. AI-21, Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa.

1978. *Observations on the Distribution and Abundance of Sea Mammals, Particularly the Narwhal, in Northern Baffin Island*. AAPP Preliminary Report 1977. ESCOM Report No. AI-13. Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa.

Sherrit, T.W. and H.S. Peters. 1942. *Some recent bird records from Canada's Eastern Arctic*. *Canadian Journal of Research*. 20: 338-348.

Smith, T.G. and D. Taylor. 1977. *Notes on Marine Mammal, Fox and Polar Bear Biology in the Northwest Territories 1940 to 1972*. Technical Report No. 694, Fisheries and Marine Service, Dept. of Fisheries and Environment.

Spencer, D. 1976. *North Baffin Bird Observations 1975*. Unpublished report to the N.W.T. Wildlife Service, Froisher Bay.

Stepney, P.H.R. and R.L. Woolley. (no date - 1976?). *Survey of Marine Mammals of Lancaster Sound, October 1975*. Unpublished report, prepared for Norlands Petroleum Ltd. by Renewable Resources Consulting Services Ltd.

Stirling, I. 1980. *The Biological Importance of Polyoxys in the Canadian Arctic*. *Arctic*, Vol. 33, No. 2: 303-315.

Stirling, I. and P.B. Loutour. 1978. *Comparative Hunting Abilities of Polar Bear Cubs of Different Ages*. *Can. J. Zool.* 56(8): 1768-1772.

**FISH RESOURCES**

Able, K.W. and D.E. McAllister. 1979. *A Revision of the sculpinfishes, genus Limniscus, from Arctic Canada*. *Bull. Fish. Res. Canada*. In Press.

Bain, W. and A.D. Sekerak. 1978. *Aspects of the biology of Arctic cod Boreogadus saida, in the central Canadian Arctic*. Unpublished report by L.G.L. Ltd. for Polar Gas Project.

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

Bisset, D. 1967. *Northern Baffin Island. An Area Economic Survey*. Vol. 1 of the Lancaster Sound Survey. 1967, sections A and B. Industrial Division, Northern Administration Branch, Dept. of Indian Affairs and Northern Development, Ottawa.

Bohn, A. and B.W. Fallis. 1978. *Metal concentrations (As, Cd, Cu, Pb, and Zn) in shorthorn sculpin, Boreogadus saida, and selected zooplankton from Strathcona Sound, northern Baffin Island*. *J. Fish. Res. Bd. Canada* 35(12): 2936-2940.

de March, L.L., B. de March and W. Eddy. 1977. *Limnological, Fisheries and Stream zoobenthic Studies of Stannell-Fletcher Lake, Canada*. Department of Indian and Northern Affairs-OS-8160-004-EE-AL. ESCOM Report AI-04.

Ellis, D.V. 1962. *Observations on the distribution of some Arctic Fish*. *Arctic* 15(3): 179-189.

Fallis, B.W. Pers. Comm., Fish Habitat and Occupation, Canada Department of Fisheries and Oceans, Winnipeg.

Freeman, M. (ed.) 1976. *Limit Land Use and Occupancy Project*. Department of Indian and Northern Affairs, Ottawa. 3 Vols.

Hunter, J.G. 1970. *Production of Arctic charr, Salvelinus alpinus (Linnaeus), in a small arctic lake*. *Fish. Res. Bd. of Canada Tech. Rep.* 321: 1-190.

Johnson, L. 1980. *The Arctic charr, Salvelinus alpinus*, p. 15-98. In E.K. Balon (ed.), *Characiform fishes of the genus Salvelinus*. Vol. 1, of *Characiformes and related species*. Dr. M. Junk Publishers, The Hague, The Netherlands.

1976. *Ecology of Arctic populations of lake trout, Salvelinus namaycush, lake whitefish Coregonus clupeaformis, Arctic charr, S. alpinus, and associated species in unexploited lakes of the Canadian Northwest Territories*. *J. Fish. Res. Bd. Canada* 33(11): 2459-2488.

Kristoferson, A. pers. comm., Fisheries Management Section, Dept. of Fisheries and Oceans, Winnipeg, Manitoba.

Lein, A.H. and M.B. Scott. 1966. *Fishes of the Atlantic coast of Canada*. *Fish. Res. Bd. Can. Bull.* 155: 485.

McAllister, D.E. pers. comm., Ichthyology Unit, National Museum of Natural Sciences, Ottawa, Ontario.

Milne, A.R. and B.D. Smiley. 1976. *Offshore Drilling in Lancaster Sound: Possible Environmental Hazards*. Institute of Ocean Sciences, Patricia Bay, Dept. of Fisheries and Environment, Sidney, B.C.

Moore, J.W. 1975. *Reproductive biology of anadromous Arctic charr, Salvelinus alpinus (L.)*, in the Cumberland Sound area of Baffin Island. *J. Fish. Biol.* 7: 185-211.

1975. *Distribution, movements, and mortality of anadromous Arctic charr, Salvelinus alpinus (L.)*, in the Cumberland Sound area of Baffin Island. *J. Fish. Biol.* 7: 79-92.

Moore, J.W. and I.A. Moore. 1974. *Food and growth of Arctic charr, Salvelinus alpinus (L.)*, in the Cumberland Sound area of Baffin Island. *J. Fish. Biol.* 7: 79-92.

Nettleship, D.N. and A.J. Gaston. 1978. *Patterns of pelagic distribution of seabirds in western Lancaster Sound and Barrow Strait, Northwest Territories, in August and September 1976*. *Can. Wildlife Serv. Occ. Paper*. 39: 1-6.

Norlands Ltd. 1978. *Environmental Impact Statement for exploratory drilling in the Lancaster Sound Region*. Report by Norlands Petroleum Ltd., Calgary.

Reeves, R. 1980. *Jaws on ice*. *North/Hord* 27(1): 32-35.

Robinson, K.E. and D.E. McAllister. (In prep.). *Bibliography of the Arctic Fishes of Arctic Canada 1771-1979*. National Museum of Canada. 118 manuscript pages.

Schindler, D.W., J. Kalff, H.E. Welch, G.J. Brunsell, H. Kling and N. Krusch. 1974. *Eutrophication in the high arctic - Heretta Lake, Cormwell Island (79°N lat.)*. *J. Fish. Res. Bd. Can.* 31: 647-662.

Scott, W.B. and E.J. Crossman. 1973. *Freshwater Fishes of Canada*. *Fish. Res. Bd. Canada Bull.* 184.

**Fish Resources (cont.)**

Sekerak, A.D., R.A. Buchanan, W.B. Griffiths and G. Foy. 1976. *Biological oceanographic studies in Lancaster Sound, 1975*. Unpublished Report by L.G.L. Ltd. to Norlands Petroleum Ltd.

**HISTORICAL INFORMATION**

Bernier, J.E. 1939. *Master Mariner and Arctic Explorer*. A narrative of sixty years at sea from the logs and yarns of Captain J.E. Bernier. Le Druis. Ottawa.

1910. *Report on the Dominion Government Expedition to the Arctic Islands and Hudson Strait on Board the C.G.S. Arctic in 1908-9*. Canadian Hydrographic Service. 1970. *Pilot of Arctic Canada*. Volume 1. Second Edition. Marine Sciences Branch. Department of Energy, Mines and Resources. Ottawa.

BRANCH. 1968. *Pilot of Arctic Canada*. Volume II. Marine Sciences Department of Energy, Mines and Resources. Ottawa.

Cooke, Alan, and Clive Holland. 1978. *The Exploration of Northern Canada 500 to 1820 A Chronology*. The Arctic History Press. Toronto.

Dorion-Robitaille, Yolande. 1978. *Captain J.E. Bernier's Contribution to Canadian Sovereignty in the Arctic*. Indian and Northern Affairs. 1978. Ottawa.

Dunbar, Mofra, and Keith R. Greenway. 1966. *Arctic Canada From the Air*. Canada Defense Research Board. Queen's Printer, Ottawa.

McDougall, G.F. 1857. *The Eventful Voyage of H.M. Discovery Ship Resolute to the Arctic Regions in Search of Sir John Franklin and the Missing Crew of H.M. Discovery Ships Erebus and Terror - 1852, 1853, 1854*. Longmans, London.

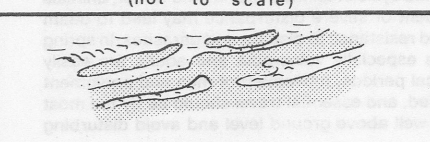
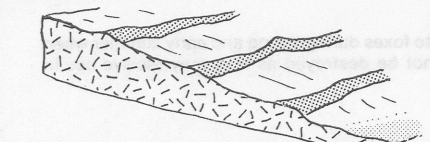
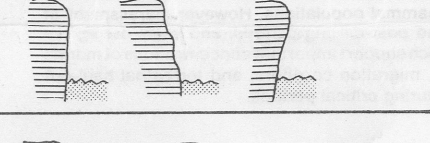
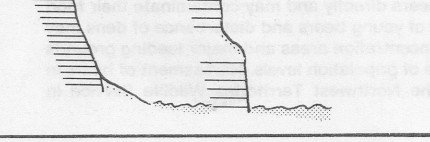
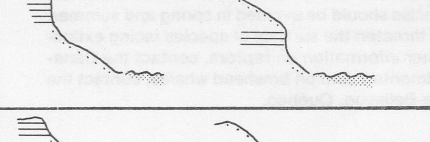
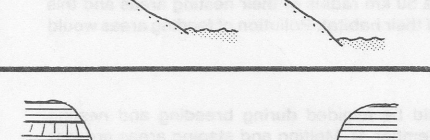
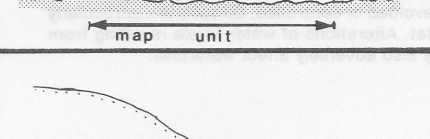
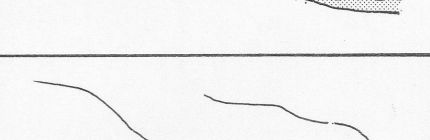
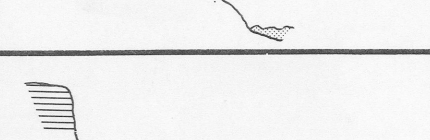
McIntosh, Leopold. 1972. *A Narrative of the Discovery of the Fate of Sir John Franklin and his Companions*. Hurig Publishers, Edmonton, Alberta.

Mudge, Z.A. 1975. *Arctic Heroes Facts and Incidents of Arctic Explorations*. Hunt and Eaton, New York.

Neatly, L.H. 1950. *In Quest of the North West Passage*. Longmans, Green and Co., Toronto.

Northern News Report. Vol. 15 No. 43 February 17/77 - Into the Home Stretch at Nantivik Project.

Northern Research Division. 1975. *North of 60. Abstracts of Publications of the Northern Research Division*. DNDM.

coastal classification		
code	class and description	diagram(s)
Bc	CONTEMPORARY BEACH COMPLEX. High energy depositional environments, which are usually extensive. Spits, bars, lagoons, former beach ridges and storm beaches are common as are gravel forelands and raised beaches inland. Coarse sands and gravel are typical materials.	
Br	RAISED BEACH SEQUENCE. Sequences of beach ridges typically occurring on 5-10° slopes extending up to 2 km inland. Surface materials are gravel. Narrow contemporary beaches of low energy are ubiquitous. Wider beaches are classed as Be.	
Ca	CLIFFS WITH NO TALUS. Precipitous rock slopes, that range from 65° slopes - to vertical - to often vertical, sometimes overhanging. The cliff face may include prominent rock ledges. The class has no beach and occurrence is very limited.	
Cb	CLIFFS WITH LESS THAN ONE-THIRD TALUS COVER. As class Ca, but with up to one-third of height covered by talus, free-fallen from the precipitous rock slope above. The talus itself may be of variable thickness, including only blankets or veneers on bedrock. Narrow (1-3 m) coarse gravel and boulder beaches are typical.	
Cc	CLIFFS WITH ONE-THIRD TO TWO-THIRDS TALUS COVER. As class Cb, with more talus.	
Cd	CLIFFS WITH MORE THAN TWO-THIRDS TALUS. As class Cb, but mostly talus covered. As talus approaches complete cover, this two grades into class Hc.	
GI	GLACIER. Glacier ice which reaches the sea, and results in calving. Where the ice has retreated to leave a gravel plain, classes Ps or Pt take precedence. This class includes associated lateral moraines as bluffs of till with small gravel beaches. Classes Cb, Cc and Cd are normally found juxtaposed.	
Hc	COLLUVIAL HILLSLOPES. Smooth, sloping colluvium, typically undergoing sheet wash or solifluction, extending to narrow gravel beaches. This class occurs mostly in sheltered waters - exposure to significant wave action would quickly erode these materials and create beach or foreland conditions. This class grades into class Cd with increasing slope and class Hr with reducing extent.	
Hr	ROCKY HILLS. Mainly rock slopes, over 5-10°, which extend from over 50 m elevation. Pockets of colluvium and raised beaches are common, either reaching the sea or perched on the backshores. Small fans occur throughout, and give rise to narrow gravel beaches extending along shore. Small sections of precipitous rock slopes may also be present. Islands are common offshore.	
Pc	ROCKY PLAIN WITH LOW CLIFFS. These normally occur as low rock forelands in front of rocky hills or high cliffs with talus. These rock forelands range from 10s of metres to 1-2 km wide, and are typically several metres to 10s of metres high. Near vertical cliffs at the seaward end are common. Beaches of any kind are rare.	