BIBLIOGRAPHY

Northern Half of the Viscount Melville Sound Study Area

GENERAL REFERENCES

Barnett, D.M., Edlund, S.A. and Dredge, L.A. 1975. Integrated landscape mapping of eastern Melville Island, District of Franklin. **Geological Survey of Canada.** Paper 75-1, Part A, Ottawa, pp. 381-382.

________ . 1976. Terrain inventory: Bathurst, Cornwallis and adjacent islands, Northwest Territories. **Geological Survey of Canada.** Paper 76-1A, Ottawa, pp. 201-204.

Barry, T.W. 1973. Birdlife in the subsistence of Natives in the Mackenzie Delta Region. Canadian Wildlife Service. Unpublished report No. 27, Edmonton. 71 p.

Blake, W., Jr. 1974. **Preliminary account of the glacial history of Bathurst Island, Arctic Archipelago.** Geological Survey of Canada, Paper 64-30, Ottawa. 8 p.

Boyd, D.H. *et al.*1978. **Possible effects of the Proposed Polar Gas Pipeline Project on living resource use in the eastern Arctic.** Indian and Northern Affairs. Environmental-Social Program, Northern Pipelines, Ottawa. ESCOM No. AI-2. 238 p.

Brown, R.J.E. 1972. Permafrost in the Canadian Arctic Archipelago. **National Research Council of Canada.** Division of Building Research, Ottawa. Technical Paper No. 379, pp. 103-130.

Fenco Consultants Ltd. and F.F. Slaney & Company Ltd. 1978. **An Arctic Atlas: Background information for developing marine oilspill countermeasures.** Arctic Marine Oilspill Program Report EPS-9-EC-78-1. Fisheries and Environment Canada, Ottawa.

Freeman, Milton Research Ltd. 1976. **Inuit Land Use Occupancy Project.** 3 Vols. Department of Indian and Northern Affairs, Ottawa.

Henoch, W.E.S. 1964. Preliminary geomorphological study of a newly discovered Dorset culture site on Melville Island, N.W.T. **Arctic.** 17 (2): 119-125.

Morse, E.W. 1965. **Fresh water Northwest Passage.** Canadian Geographical Society, Ottawa. Vol. 70, No. 6, pp. 182-191.

Nettleship, D.N. and Smith, P.A. (eds.) 1975. **Ecological sites in Northern Canada.** Canadian Committee for the International Biological Programme, Conservation Terrestrial Panel 9, Ottawa. 330 p.

Peterson, E.B. 1978. **Possible environmental disruptions from an Arctic Islands gas pipeline.** Indian and Northern Affairs. Environmental-Social Program, Northern Pipelines, Ottawa. ESCOM No. AI-10.

Sam, K., Macpherson, J. and Thompson, G. 1977. Polar Gas and the International Biological Programme. **Nature Canada.** 6 (3): 2-3, 33-37.

Sefton, J. and Miller, G. 1978. **The Arctic Islands pipeline route.** Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa. ESCOM No. AI-12. 154 p.

Smiley, B.D. and Milne, A.R. 1979. LNG transport in Parry Channel: possible environmental hazards. Unpublished manuscript, Institute of Ocean Sciences, Patricia Bay, Sidney, B.C. 47 p.

Smith, T.G. 1980. How inuit trapper-hunters make ends meet. **Canadian Geographic.** Vol. 99, No. 3, pp. 56-61.

Steen, O.A. and Hora, Z.D. 1978. Landscape survey, eastern Melville Island, N.W.T. Unpublished report by R.M. Hardy & Associates Ltd., Calgary. 180 p. plus appendices.

Stirling, I., *et al.* 1978. **Population ecology of the polar bear along the proposed Arctic islands gas pipeline route.** Department of Indian and Northern Affairs, Environmental-Social Program, Northern Pipelines, Ottawa. ESCOM Report No. AI-24. 93 p.

Usher, P.J. 1965. **Economic basis and resource use of the Coppermine-Holman region, N.W.T.** Department of Northern Affairs and National Resources, Northern Co-ordination and Research Centre, Ottawa. 290 p.

ECOLOGICAL OVERVIEW

Allen, W.T.R. and Cudbird, B.S.V. 1971. **Freeze-up and break-up dates of water bodies in Canada.** Can. Meteor. Serv., Dept. of Transport, Toronto, CLI-1-77. 144 p.

Atmospheric Environment Service. Monthly Record. **Meteorological observations in Northern Canada.** Atmos. Envir. Serv., Envir. Can, Ottawa.

Barnett, D.M., *et al.* 1975. **Terrain classification and evaluation, eastern Melville Island, N.W.T.,** Vols. I and II. Geol. Surv. Can., Open File 252. Energy, Mines and Resources Can., Ottawa. 747 and 571 p., 3 maps (1:150,000 scale), 3 legends.

________ . 1977. **Terrain characteristics — Bathurst and adjacent islands.** Geol. Surv. Can., Open File 479. Energy, Mines and Resources Canada, Ottawa.

Barnett, D.M., Dredge, L.A. and Edlund, S.A. 1977. **Terrain characterization, Cornwallis and adjacent islands.** Geol. Surv. Can., Open File 457. Energy, Mines and Resources Canada, Ottawa.

________ . 1976. Terrain inventory: Bathurst, Cornwallis, and adjacent islands, Northwest Territories, pp. 201-204 in: **Report of Activities, Part A,** Geol. Surv. Can., Paper 76-1A. Energy, Mines and Resources Canada, Ottawa.

Beak Consultants Limited. 1976. 1976 environment impact assessment. Unpublished report for Panarctic Oils Limited, Calgary. 161 p. plus appendices.

________ . 1978. **Water Quality Survey.** Arctic Island Pipeline Project (AIPP) Rept. ESCOM AI-28. Dept. Indian and Northern Affairs, Ottawa.

Bird and Hale Limited. 1981. **Regional analysis study of Natural Region 38 - The Western High Arctic.** Parks Canada, Ottawa.

Blake, W., Jr. 1964. **Preliminary account of the glacial history of Bathurst Island, Arctic Archipelago.** Geol. Surv. Can., paper 64-30. 8 p.

________ . 1970. Studies of glacial history in Arctic Canada — I. Pumice, radiocarbon dates and differential post glacial uplift in the eastern Queen Elizabeth Islands. **Can. J. Earth Sci.** 7:634-664.

________ . 1974. Studies of glacial history in Arctic Canada — II. Interglacial peat deposits on Bathurst Island. **Can. J. Earth Sci.** 11(8):1025-1042.

Boreal Institute for Northern Studies. 1980. **Regional analysis of natural region 36 — western Arctic lowlands** (ed. by K. Bodden). Parks Canada, Ottawa.

Canada Department of Transport. 1968. **Climatic normals.** Vol. 1, temperature (66 p.); Vol. 2, precipitation (110 p.); Vol. 6, frost data (51 p.). Meteor. Br., Transport Canada, Toronto.

Canada Soil Survey Committee. 1978. **The Canadian system of soil classification.** Publ. 1646. Res. Br., Can. Dept. Agric., Ottawa. 164 p.

Conard, H.S. 1979. **How to know the mosses and liverworts** (2nd ed.). Rev. by P.L. Redfearn, Jr. The Pictured Key Nature Ser. Wm. C. Brown Co. Publ., Dubuque, Iowa. 302 p.

Everett, K.R. 1968. **Soil development in the Mould Bay and Isachsen areas, Queen Elizabeth Islands, N.W.T., Canada.** Inst. of Polar Studies Rept. No. 24.

Fletcher, R.J. and Young, G.S. 1976. **Climate of arctic Canada in Maps.** Boreal Inst. for Northern studies, Univ. of Alta., Edmonton. Occas. Publ. No. 13. 85 plates.

Geological Survey of Canada. **Index to available geologic maps and related publications.** Energy, Mines and Resources Can., Ottawa.

Guilbault, R.A. *et al.* 1977. **Water quality survey — Snowbird Creek Basin, Bathurst Island.** Arctic Islands Pipeline Project (AIPP) Preliminary Rept. ESCOM No. AI-06. Dept. Indian and Northern Affairs, Ottawa.

Gummer, W.D. and Dunn, G. 1976. Water quality of high arctic streams. Eastern Arctic Islands Pipeline Study. pp. 293-327 **In:** J.J. Wedel and J.G. Way, (eds.), **Eastern Arctic Islands Pipeline Project Spence Bay to Sabine Peninsula.** Inland Waters Directorate, Environment Canada, Winnipeg. Interim Rept., Hydrologic Regimes, Freshwater Project No. 1.

Hale, M.E. 1969. **How to know the lichens.** (2nd ed.) The Pictured Key Nature Ser. Wm. C. Brown Co. Publ., Dubuque, Iowa. 246 p.

Hardy, R.M. and Associates Ltd. 1977. Landscape Survey District of Franklin, N.W.T., 1976. Unpub. Rept. (ed. by O.A. Steen) for the Polar Gas Project, Toronto. 223 p.

Hofer, R. and Fuller, G. 1977. A study of snowmelt progression from Winnipeg to the Arctic Islands using ERTS photographs, pp. 143-148 in: **4th Canadian Symposium on Remote Sensing,** Quebec City, May 1977. Can. Aeronautics and Space Inst., Ottawa.

Inland Waters Directorate. Annual reports. **Surface water data — Yukon and Northwest Territories,** Envir. Can., Ottawa.

IEC, International Environmental Consultants Ltd. 1977. A critical review and status report on the existing environmental literature for the proposed Cameron Island oil field development. Unpub. rept. for Panarctic Oils Limited, Calgary. 34 p. (N.T.S. 69B, 79A).

Kerr, J.W. 1974. **Geology of Bathurst Island group and Byam Martin Island, Arctic Canada.** Geol. Surv. Can., Ottawa. Mem. 378. 152 p.

Maxwell, J.B 1980. **The climate of the Canadian Arctic Islands and adjacent waters, volume 1.** Climatological studies, number 30. Atmospheric Environment Service, Environment Canada, Ottawa. 531 p.

Miller, G.H., Bradley, R.S. and Andrews, J.T. 1975. The glaciation level and lowest equilibrium line altitude in the High Canadian Arctic: maps and climatic interpretation. **Arctic and Alpine Research** 7:155-168.

Muir, R.D. 1974. Resource development impact studies and related biological reconnaissances in the high arctic islands 1970, 1971 and 1972. Unpubl. Can. Wildl. Serv. manuscript rept. CWSC 2011. Envir. Can., Ottawa. 39 p.

Polar Gas Project. 1977. Land use atlas, Melville Island, Northwest Territories to Longlac, Ontario. Unpub. rept. by Polar Gas Project, Toronto. 91 p. plus 36 maps at 1:500,000 scale.

Polunin, N. 1948. **Botany of the Canadian Eastern Arctic.** Nat. Mus. Can. Bull. no. 104, Ottawa.

Porsild, A.E. 1955. **The vascular plants of the western Canadian Arctic Archipelago.** Nat. Mus. of Can., Bull. No. 135. Nat. Mus. Can., Ottawa. 226 p.

________ . 1957. **Illustrated flora of the Canadian Arctic Archipelago.** Nat. Mus. of Natural Sciences, Bull. No. 146. Nat. Mus. Can., Ottawa. 218 p.

Tarnocai, C. 1976. Soils of Bathurst, Cornwallis, and adjacent islands, District of Franklin, in: **Rept. of Activities 1976.** Geol. Survey Can., Paper 76-1B, Ottawa.

________ . 1981. Soil landscape units of the Viscount Melville Sound study area. Unpub. map and legend. Land Resource Research Institute, Agriculture Canada, Ottawa.

Tedrow, J.C.F., Bruggemann, P.F. and Walton, G.F. 1968. **Soils of Prince Patrick Island.** U.S. Off. of Naval Res., Tech. Rept. ONR-352;4. Arctic Inst. of North America, Washington, D.C. 82 p.

Thomson, J.W. 1979. **Lichens of the Alaskan Arctic Slope.** Univ. of Toronto Press, Toronto. 314 p.

Thorsteinsson, R. 1958. **Cornwallis and Little Cornwallis islands, District of Franklin, Northwest Territories.** Memoir 294, Geol. Surv. Can. Dept. of Mines and Tech. Surv., Ottawa. 134 p.

________ . 1973. **Geologic Maps of parts of the Canadian Arctic Archipelago.** Geol. Surv. Can., Open File 139. Includes maps at 1:125,000 scale of McDougall Sound and Lowther Island map sheets. Ottawa. (N.T.S. 68E, 68H).

Thorsteinsson, R. and Kerr, J.W. 1968. **Cornwallis Island and adjacent smaller islands, Canadian Arctic Archipelago.** Paper 67-64, Geol. Surv. Can. Dept. of Energy, Mines and Resources, Ottawa.

Tozer, E.T. and Thorsteinsson, R. 1964. **Western Queen Elizabeth Islands, Arctic Archipelago.** Geol. Surv. Can., Mem. 332. Energy, Mines & Resources Canada, Ottawa.

Water Survey of Canada. 1978. **Surface water data reference index. Canada 1978.** Inland Waters Directorate, Water Resources Branch. Envir. Can., Ottawa. 299 p.

Way, D.S. 1973. **Terrain analysis: A guide to site selection using aerial photographic interpretation.** Chapter 1 (pp. 1-16), Land forms and aerial photographic terrain analysis. Community Development Series. Dowden, Hutchinson and Ross, Inc., Stroudsburg, Penn. 392 p.

Wedel, J.H. 1978. **Hydrologic investigations along the Arctic Islands pipeline route.** Arctic Island Pipeline Project (AIPP) Rept. ESCOM No. AI-23. Dept. Ind. and Nor. Aff., Ottawa.

Wedel, J.H., Thorne, G.A. and Baracos, P.C. 1978. **Site-intensive hydrologic study of a small catchment on Bathurst Island.** Arctic Islands Pipeline Project (AIPP) Prel. Rept. 1977. ESCOM AI-17. Dept. Ind. and Nor. Aff., Ottawa. 122 p.

Wedel, J.H. and Way, J.G. 1976. **Eastern Arctic Islands Pipeline Project, Spence Bay to Sabine Peninsula.** Int. rept. 1975 hydrologic regimes, Freshwater Project No. 1. Inland Waters Directorate, Envir. Can., Ottawa. 327 p.

Wiken, E.B., Pierce, T.W. and Ironside, G.R. 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 Canada, Ottawa.

Woodward Clyde Consultants. 1980. **Coastal geology maps for central Sverdrup Basin, N.W.T.** Geol. Surv. Can., Open File 549 (map scale 1:125,000). Dir. by R.B. Taylor. 2 maps per set: shore unit boundaries and near shore bathymetry, etc. Energy, Mines and Resources Canada, Ottawa. (N.T.S. 79A, 79B).

COASTAL INFORMATION

Canadian Hydrographic Service. (no date). **Tide and Current Tables,** Volume 4, Arctic and Hudson Bay. Fisheries and Oceans Canada.

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

Owens, E.H. 1977. **Coastal Environments of Canada: The Impact and Clean-up of Oil Spills.** Supply and Services Canada, Ottawa. Cat. No. En 46-3/77-13. 413 p.

Taylor, R.B 1976. Nearshore Observations Along the East Coast of Melville Island, District of Franklin. **Geological Survey of Canada, Paper** 76-1B, pp. 43-58. (N.T.S. 78H-E).

________ . 1980. **Coastal Reconnaissance for Marine Terminal Planning in the Sverdrup Basin, N.W.T.** 3 volumes, Geological Survey of Canada. Open Files. (N.T.S. 79A, 79B).

Taylor, R.B. and McCann, S.B. 1976. The Effects of Sea and Nearshore Ice on Coastal Processes in the Canadian Arctic Archipelago. **Revue de Géographie de Montréal,** 30 (1-2): 123-132.

Woodward-Clyde Consultants. 1980. **Coastal Geology Maps, Central Sverdrup-Geology Basin, N.W.T.** Geological Survey of Canada, Dartmouth, Nova Scotia. (N.T.S. 79A, 79B).

WILDLIFE

Allen, J.A. 1908. **The Peary Caribou.** (*Rangifer Pearyi Allen.*) Bull. Amer. Mus. Nat. Hist. 24: 487-504.

Alliston, G.W. 1976. **A Summary of Research On Birds, Marine Mammals and Marine Ecology in the Districts of Franklin and Keewatin, N.W.T., 1974 and 1975.** Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 90 p.

Alliston, W.G. *et al.,* **Numbers and Distribution of Birds in the Central District of Franklin, N.W.T., June — August, 1975.** Prepared for Polar Gas Project by L.G.L. Ltd., Toronto, Ontario. 583 p. Vol. I and II.

Arctic Pilot Project. 1979. **Environmental Statement — Melville Island Components.**

Banfield, A.W.F. 1955. Ice Reconnaissance Flights, 1955. Unpublished manuscript, Canadian Wildlife Service, Ottawa. 3 p.

________ . 1974. **The Mammals of Canada.** University of Toronto Press, Toronto. 438 p.

Barry, T.W. *et al,* 1981. **Sea-Bird Surveys in the Beaufort Sea, Amundsen Gulf, Prince of Wales Strait and Viscount Melville Sound — 1980 Season.** 69 p.

Bellrose, F.C. 1976. **Ducks, Geese and Swans of North America.** Stackpole Books, Harrisburg, Pa., U.S.A. 540 p.

Bissett, D. 1968. **Resolute, An Area Economic Survey.** Vol. II of the Lancaster Sound Survey. 1967. A.E.S.R. 67/I. Industrial Division, Northern Administration Branch, Dept. of Indian Affairs and Northern Development, Ottawa. 175 p.

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

Boyd, D.H., *et al.,* 1978. **Possible Effects of the Proposed Polar Gas Pipeline Project on Living Resource Use in the Eastern Arctic.** AIPP Preliminary Report 1977. ESCOM Report No. AI-02. Prepared by Interdisciplinary Systems Ltd. for Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa. 238 p.

Boyd, H. and L.S. Maltby. 1976. **The Brant of the Western Queen Elizabeth Islands, N.W.T.** pp. 5-21.

Canadian Wildlife Service. 1972. **Arctic Ecology Map Series.** Prepared for Canadian Wildlife Service by Renewable Resources Consulting Services Ltd., Calgary, Alberta. 324 p. and 35 maps.

________ . 1981. Critical, Sensitive and Unique Wildlife Areas of the Open Tundra, Mainland Forest-Tundra Transition Zone, and James Bay Position of the Northwest Territories. Preliminary draft report (Unpublished). Canadian Wildlife Service, Edmonton, Alberta. 186 p.

Danks, H.V. 1971. Note On the Early Season Food and Arctic Migrants. **Canadian Field-Naturalist** 85(I): 71-72.

Davis, R.A. *et al.,* 1973. **Present Ornithological Knowledge and Suggested Research Programs for the Polar Gas Pipeline Project.** Vols. I and 2. Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 245 p. and map volume.

________ . *et al.,* 1974. **Studies of Birds in the Central Canadian Arctic — 1974.** A preliminary report. Vol. I and II. Prepared for Polar Gas Project by L.G.L. Ltd., Toronto, Ontario. 238 p.

________ . 1975. **Studies of the Numbers and Distribution of Birds and Marine Mammals in the Central Canadian Arctic — 1974.** A supplement completing the interim report. Prepared for Polar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 205 p.

Duvall, A.J. and C.O. Handley. 1946. Report of a Wildlife Reconnaissance of the Eastern Canadian Arctic. Special Report, U.S. Dept. of Interior, Fish and Wildlife Service, manuscript. 138 p. Canadian Wildlife Service, Report 239. 138 p.

Fairbairn, D.J. 1978. A Regional Investigation of Migratory Bird Use and Habitats in the Western Sverdrup and Parry Islands. Unpublished report, Canadian Wildlife Service, Edmonton, Alberta. 37 p.

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

Fenge, Terry. 1981. Northern Environmental Conservation: The Case of Polar Bear Pass. **Northern Perspectives** 9(6): 12 p. Published by the Canadian Arctic Resources Committee, Ottawa.

F.F. Slaney & Company Ltd., 1975. **Peary Caribou and Muskoxen and Panarctic's Seismic Operations on Bathurst Island, N.W.T. 1974.** Prepared for Panarctic Oils Ltd., Calgary, Alberta, by F.F. Slaney & Company Ltd., Vancouver, British Columbia. 98 p.

________ . 1975 **Peary Caribou and Muskoxen and Panarctic's Seismic Operations on Bathurst Island, N.W.T. 1975.** Supplemental Report. Prepared for Panarctic Oils Ltd., Calgary, Alta., by F.F. Slaney & Company Ltd., Vancouver, British Columbia. 23 p. and appendix.

Fischer, C.A., and E.A. Duncan. 1976. **Ecological Studies of Caribou and Muskoxen in the Arctic Archipelago and Northern Keewatin.** Prepared by Renewable Resources Consulting Services Ltd. for Polar Gas Environmental Program. 194 p.

Freeman, M.M.R. 1975. Assessing Movement in an Arctic Caribou Population. **J. Environ. Manage.** 3: 251-257.

________ . (ed). 1976. **Inuit Land Use and Occupancy Project.** 3 Vols. Volume One: Land use and occupancy. Volume Two: Supporting studies. Volume Three: Land use atlas. Prepared by Milton Freeman Res. Ltd. for Indian and Northern Affairs, Ottawa. 287 and 263 p. and map volume.

Gaele, J. 1971. Birds of Resolute, Cornwallis Island, N.W.T. **Canadian Field-Naturalist** 85: 53-59.(68E, 68H)

Godfrey, W.E. 1966. **The Birds of Canada.** Nat. Mus. Canada Bulletin No. 203. 428 p.

Gray, D.R. 1969. Studies on the Behaviour of the Muskox (*Ovibos Moschatus Wardi*) On Bathurst Island, N.W.T. **Arctic Circular** 19(3): 55-57.

________ . 1970. Muskox Studies, Bathurst Island, 1969. Unpublished report, Canadian Wildlife Service, Ottawa. 38 p.

________ . 1970. The Killing of a Bull Muskox by a Single Wolf. **Arctic** 23(3): 197-199.

________ . 1972. **Winter Research on Muskox (*Ovibos Moschatus Wardi*) on Bathurst Island. 1970-71.** Canadian Wildlife Service, Ottawa, Report C.W.S.C. 1379. 74 p.

________ . 1972. Winter Research on the Muskox (*Ovibos Moschatus Wardi*) On Bathurst Island, 1970-71. **Arctic Circular** 21(3): 158-163.

________ . 1973. **Social Organization and Behaviour of Muskoxen.** (*Ovibos Moschatus*) **On Bathurst Island, N.W.T.** Ph.D. thesis, University of Alberta, Edmonton 212 p.

________ . 1974. The Defense Formation of the Muskox. **Musk-Ox** No. 14: 25-29.

________ . 1976. **The Status of the Muskox and Peary Caribou on Canada's Arctic Islands.** In: Mosquin, T. and C. Suchal, (eds.), Proceedings of the Symposium on Canada's Threatened Species and Habitats, Canadian Nature Federation and World Wildlife Fund (Canada), May 20-24, 1976, Ottawa, pp. 57-62.

________ . 1979. Muskoxen at Bathurst Island. **Beaver.** Outfit 305 (Winter): 32-39.

Gunn, A., F.L. Miller, and D.C. Thomas. 1979. Peary Caribou, A Status Report. Unpublished report, Canadian Wildlife Service, Edmonton, Alberta. 35 p.

________ . 1981. The Current Status and Future of Peary Caribou (*Rangifer Tarandus Pearyi*) on the Arctic Islands of Canada. **Biological Conservation** 19(1980 283-296.

Gunn, W.W.H. 1949. Report on Wildlife Observations by W.W.H. Gunn, Dominion Wildlife Service Observer Accompanying the Arctic Weather Station Re-Supply Mission, U.S. Navy Operation 49.8, July 15 to September 7, 1949. Manuscript report, Dominion Wildlife Service, Dept. of Mines and Resources. 54 p.

Handley, C.O. Jr. 1950. **The Brant of Prince Patrick Island, Northwest Territories.** Wilson Bulletin 62: 128-132.

Harington, Richard. 1961. History, Distribution and Ecology of the Muskoxen. M.Sc. Thesis. McGill University, Dept. of Geography, Montreal. 489 p. and maps.

Heyland, J.D. 1972. The Distribution of Greater Snow Geese Banded in 1971 and Recaptured in 1972, Eastern Canadian Arctic, July and August, 1972. Unpublished report, Quebec Wildlife Service. 26 p. and maps.

Hoare, W.H.B. 1930. **Conserving Canada's Muskoxen.** Appendix B. Notes on the Musk-ox and the caribou, by R.M. Anderson. Dept. of the Interior, Ottawa. 53p.

Hone, E. 1934. **The Present Status of the Muskox.** American Committee for International Wildlife Protection, Washington. Special Publication No. 5. 87 p.

Jingfors, K.T. 1980. Habitat Relationships and Activity Patterns of a Reintroduced Muskox Population. Unpublished M.Sc. thesis, Univ. of Alaska, Fairbanks, Alaska.

Johnsgard, Paul A. 1975. **Waterfowl of North America.** Indiana University Press, Bloomington, Indiana, U.S.A. 575 p.

Jonkel, C.J., D.R. Gray and B. Hubert. 1975. Immobilizing and Marking Wild Muskoxen in Arctic Canada. **J. Wildl. Manage.** 39(I): 112-117.

Lamothe, P. 1973. **Biology of the King Eider (*Somateria Spectabilis*) in a Fresh Water Breeding Area on Bathurst Island, N.W.T.** M.Sc. thesis, University of Alberta, Edmonton. 125 p.

Lange, K.I. 1959. Biological Observations and General Comments on Cornwallis Island, N.W.T. **J. Ariz. Acad. Sci.** I:72-75. (68E, 68H)

Loughrey, A.G. 1952. Wildlife Observations: Ice Reconnaissance Flight - 1952. Unpublished manuscript, Canadian Wildlife Service, Ottawa. II p.

MacDonald, S.D. 1954. **Report on Biological Investigations at Mould Bay, Prince Patrick Island, N.W.T.** Annual report of the National Museums of Canada, Bulletin No. 132: 214-238.

________ . 1969. Preliminary Report on a Zoological Expedition to Bathurst Island, May 18 to August 12. **Arctic Circular** 19(L): 18-20.

MacDonald, S.D. and A.H. Macpherson. 1962. **Breeding Places of the Ivory Gull in Arctic Canada.** Bulletin 183, National Museums of Canada, Ottawa. p. 111-117.

Macpherson, A.H. 1959. A Preliminary Survey of Arctic Wildlife Resources. Unpublished report, Canadian Wildlife Service, Edmonton, Alberta. 49 p.

________ . 1961. **Observations on Canadian Arctic Larus Gulls and on the Taxonomy of L. Thayer Brooks.** Arctic Institute of North America, Montreal, Technicial Paper No. 7. 39 p.

________ . 1961. The Abundance and Distribution of Certain Mammals in the Western Canadian Arctic Islands in 1958-59. **Arctic Circular** 14(I): I-16.

________ . 1969 **The Dynamics of Canadian Arctic Fox Populations.** Canadian Wildlife Service, Report Series No. 8. 52 p.

________ . 19? The Origin of Diversity in Mammals of the Canadian Arctic Tundra. **Systematic Zoology:** 153-173.

Maltby, L.S. 1976. **Migratory Bird Studies in the Arctic Islands, 1973-1975.** A progress report for Project TEP 4-3 Arctic Islands Pipeline Program, Canadian Wildlife Service, Ottawa.

Maltby, Lynda S. 1978. Birds of the Coastal Zone of Melville Island 1973-75. **Canadian Field-Naturalist** 92(I): 24-29.

Maltby (Prevett), L.S. and G.H. Finney. 1974. **A Survey of Birds on Melville Island, N.W.T. in July-August, 1973.** A preliminary report, Canadian Wildlife Service, Ottawa.

Manning, T.H. 1960. **The Relationship of the Peary and Barren-Ground Caribou.** Arctic Institute of North America Technical Paper No. 4. 52 p.

McLaren, M.A. 1981. **A Study of Muskox Behaviour and Distribution During Early Rut on Eastern Melville Island, August 1981.** Prepared for Arctic Pilot Project, Calgary, Alberta, by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 74 p.

McLaren, M.A. and W.E. Renaud. 1977. **Numbers and Distribution of Birds on Eastern Melville Island, July-August 1977.** Prepared for Petro-Canada, Calgary, Alberta, by LGL Ltd., Environmental Research Associates, Toronto, Ontario. 139 p.

McLaren, M.A., W.E. Renaud, R.A. Davis and J.C. Truett. 1977. **Studies of Terrestrial Mammals on Eastern Melville Island, July-August 1977.** Prepared for Petro Canada, Calgary, Alberta, by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 111 p.

Miller, F.L. 1978. **Numbers and Distribution of Peary Caribou on the Arctic Islands of Canada.** In: Proceedings of Parameters of Caribou Population Ecology in Alaska. D.R.Klein and R.G.White (Eds.). Biol. Papers of Univ. of Alaska Spec. Rept. No. 3U6-19.

________ . 1979. Interactions Between Men, Dogs and Wolves on Western Queen Elizabeth Islands, Northwest Territories, Canada. **The Musk-ox,** 22: 70-72.

Miller, F.L. and A. Gunn. 1978. Inter-Island Movements of Peary Caribou South of Viscount Melville Sound, Northwest Territories. **Can. Field-Nat.** 92(4):327-333.

________ . 1979. Inter-Island Movements of Peary Caribou South of Viscount Melville Sound and Barrow Strait, Northwest Territories, May-July 1978. Unpublished report, Canadian Wildlife Service, Edmonton, Alberta. CWSC-2760. 74 p. (68E).

Miller, F.L. and R.H. Russell. 1973. Unequal Distribution of Snowy Owls on Eastern Melville Island, Northwest Territories. **Canadian Field-Naturalist** 87: 180-181.

Miller, Frank L. and Richard H. Russell. 1974. Snow Geese Nesting on Melville Island, Northwest Territories. **Canadian Field-Naturalist,** Vol. 88, No. 1.

Miller, F.L. and R.H. Russell. 1974. **Distribution and Numbers of Muskoxen (*Ovibos Moschatus*) on Western Queen Elizabeth Islands, Northwest Territories, 1973.** Canadian Wildlife Service, Ottawa, Progress Note No. 40. 18 p.

Miller, F.L. and R.H. Russell. 1974. Distribution and Numbers of Muskoxen (*Ovibos Moschatus*) on Western Queen Elizabeth Islands of Arctic Canada. **J. of Mammalogy** 55(4): 824-828.

________ . 1974. **Aerial Surveys of Peary Caribou on Western Queen Elizabeth Islands, Northwest Territories, 1973.** Canadian Wildlife Service, Ottawa, Progress Note No. 40. 18 p.

________ . 1975. **Aerial Surveys of Peary Caribou and Muskoxen on Bathurst Island, Northwest Territories, 1973 and 1974.** Canadian Wildlife Service Progress Note No. 44, 8 p.

________ . 1976. **Distributions, Movements and Numbers of Peary Caribou and Muskoxen on Western Queen Elizabeth Islands, Northwest Territories, 1972-74.** Canadian Wildlife Service Report CWSC 2045. 493 p.

________ . 1977. Unreliability of Strip Aerial Surveys for Estimating Numbers of Wolves on Western Queen Elizabeth Islands, Northwest Territories. **Canadian Field-Naturalist** 91: 77-81.

Miller, F.L., R.H. Russell and A. Gunn. 1975. The Recent Decline of Peary Caribou on Western Queen Elizabeth Islands of Arctic Canada. **Polarforschung,** 45: 17-21.

________ . 1977. **Distributions, Movements and Numbers of Peary Caribou and Muskoxen on Western Queen Elizabeth Islands, Northwest Territories, 1972-74.** Canadian Wildlife Service Report Series No. 40. Queen's Printer, Ottawa. 55 p.

________ . 1977. Interisland Movements of Peary Caribou. (*Rangifer Tarandus Pearyi*) on Western Queen Elizabeth Islands, Arctic Canada. **Canadian Journal of Zoology,** 55 1029-1037.

Miller, F.L., R.H. Russell and D.R. Urquhart. 1973. **Preliminary Surveys of Peary Caribou and Muskoxen on Melville, Eglinton, and Byam Martin Islands, Northwest Territories, 1972.** Canadian Wildlife Service, Ottawa, Progress Note No. 33. 9p.

Nettleship, D.N. 1974. Seabird Colonies and Distribution Around Devon Island and Vicinity. **Arctic** 27: 95-103.

Nettleship, David N. 1980. **A Guide to the Major Seabird Colonies of Eastern Canada — Identity, Distribution and Abundance.** Seabird Research Unit, Canadian Wildlife Service, Bedford Institute of Oceanography, Dartmouth, Nova Scotia. 133p.

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. 330 p.

Parker, G.R., Thomas, D.C., Broughton, E. and D.R. Gray. 1975. **Crashes of Muskox and Peary Caribou Populations in 1973-74 on the Parry Islands, Arctic Canada.** Canadian Wildlife Service Progress Note No. 56. 10 p.

Peterson, E.B. 1979. **Possible Environmental Disruptions from an Arctic Islands Gas Pipeline.** AIPP Preliminary Report 1977. ESCOM Rept. No. AI-10. Prepared by Western Ecological Services Ltd. for Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa. 33 and 29 p.

Pisano, Robert. 1977. **The Status of the Wolf in North America.** International Society for the Protection of Animals. Scientific Series No. 2. 15 p.

Polar Gas. 1977. **Public Interest Part A Environmental Statement.** Chapter 5 Environmental Description. Volume 5, Book 2 of 3. 270 p.

Renewable Resources Consulting Services Ltd. 1973. **Preliminary Land Mammal Study.** Prepared for Montreal Engineering Company Ltd., Polar Gas Study Group, Environmental Studies, by Renewable Resources Consulting Services Ltd., Edmonton, Alberta. 123 p. and maps.

________ . 1974. **A Study of Land Mammals in the High Arctic 1974.** A preliminary interim report, prepared for Polar Gas Project by Renewable Resources Consulting Services Ltd., Edmonton, Alberta. 107p.

________ . 1975. **A Study of Land Mammals in the High Arctic 1974.** A supplement completing the interim report, prepared for Polar Gas Project by Renewable Resources Consulting Services Ltd., Edmonton, Alberta. 60 p.

Russell, John. 1976. Aerial Surveys of Muskox on Bailey Point, Melville Island, Northwest Territories, February and March, 1976. Unpublished report, N.W.T. Wildlife Service.

Snyder, L.L. 1957. **Arctic Birds of Canada.** University of Toronto Press, Toronto. 310 p.

Solman, V.E.F. 1954. Wildlife Reconnaissance, Arctic Islands, July 1954. Manuscript, Canadian Wildlife Service, Ottawa. 7 p.

Stefansson, V. 1918. The Activities of the Canadian Arctic Expedition from October, 1916, to April, 1918. **Geographical Review** 6(4): 283-305.

________ . 1921. **The Friendly Arctic, The Story of Five Years in Polar Regions.** Macmillan Co., New York, 794 p.

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

Stirling, I. and H. Cleator. (eds.). 1981. **Polynyas in the Canadian Arctic.** Canadian Wildlife Service Occasional Paper No. 45. 73 p.

Sutton, George M. 1971. **High Arctic — An Expedition to the Unspoiled North.** Fitzhenry & Whiteside, Ltd., Don Mills, Ontario. 116 p.

Taylor, P.S. 1973. Breeding Behaviour of Snowy Owls. **Living Bird** 12: 137-154.

________ . 1974. **Summer Population and Food Ecology of Jaegers and Snowy Owls on Bathurst Island, N.W.T., Emphasizing the Long-Tailed Jaeger.** M.Sc. thesis, University of Alberta, Edmonton. 168 p.

Tener, J.S. 1958. The Distribution of Muskoxen in Canada. **J. Mammal.** 39: 398-408.

________ . 1961. **Queen Elizabeth Islands Game Survey.** Canadian Wildlife Service, Ottawa, Report C.W.S.C. 972. 94 p.

________ . 1963. **Queen Elizabeth Islands Game Survey.** Canadian Wildlife Service, Ottawa. Occasional Papers No. 4. 50 p.

________ . 1965. **Muskoxen in Canada: A Biological and Taxonomic Review.** Canadian Wildlife Service. Queen's Printer, Ottawa. 166 p.

Thomas, D.C. 1975. **A Short Review of Caribou in Canada.** Am. Proc. Am. Assoc. Zool. Parks and Aquar. p. 20-28.

Thomas, D.C. and E. Broughton. 1978. **Status of Three Canadian Caribou Populations North of 70° in Winter 1977.** Canadian Wildlife Service Progress Note No. 85. 12 p.

Thomas, D.C. and P. Joly. 1981. Status of Peary Caribou on the Western Queen Elizabeth Islands in April 1980. **Musk-ox 28:** 58-64.

Thomas, D.C., Miller, F.L., Russell, R.H. and G.R. Parker. 1981. The Bailey Point Region and Other Muskox Refugia in the Canadian Arctic: A Short Review. **Arctic** 34(I): 34-36.

Thomas, D.C., *et al.,* 1976. **Investigations of Peary Caribou Populations on Canadian Arctic Islands, March-April 1975.** Canadian Wildlife Service Progress Note No. 64. 13 p.

Thomas, D.C., Russell, R.H., Broughton, E., Edmonds, E.J. and A. Gunn. 1977. **Further Studies of Two Populations of Peary Caribou in the Canadian Arctic.** Canadian Wildlife Service Progress Note No. 80. 14 p.

Thorsteinsson, R. 1958. **Cornwallis and Little Cornwallis, District of Franklin, Northwest Territories.** Geological Survey of Canada Memoir 294. (68E, 68H).

Urban, E.K. 1957. Birds Observed at Resolute Bay, Cornwallis Island, Northwest Territories. **The Passenger Pigeon.** XIX: 73-75.(68E, 68H).

MARINE MAMMALS

Barry, W.T. 1960. Waterfowl reconnaissance in the Western Arctic. **Arctic Circular.** Vol. 13, No. 4. pp. 51-58.

Bernier, J.E. 1910. **Report on the Dominion of Canada Expedition to the Arctic Islands and Hudson Strait on Board the D.G.S. *Arctic.*** Dept. of Marine Fisheries. Government Printing Bur., Ottawa. 529 p.

Bissett, D. 1968. **Resolute: An Area Economic Survey.** Department of Indian Affairs and Northern Development, Industrial Division, Northern Administration Branch, Ottawa. A.E.S.R. 67/1, Vol. 2. 175 p.

Bradstreet, M.S.W. and Finley, K.J. 1977. Distribution of birds and marine mammals along fast-ice edges in Barrow Strait, N.W.T. Unpublished report, prepared for Polar Gas Project, Toronto, by LGL Ltd., Toronto. 315 p.

Brice-Bennett, C. 1976. Inuit Land Use in the East-Central Canadian Arctic, pp. 63-81. **In** Freeman, M.M.R., (ed) **Inuit Land Use and Occupancy Project,** Vol. 1, Dept. of Indian and Northern Affairs, Ottawa. 263 p.

Brown, R. 1868. **Notes on the History and Geographical Relations of the Cetacea Frequenting Davis Strait and Baffin's Bay.** Proceedings of the Zoological Society of London, 1868, pp. 533-556.

Buchanan, R.A., Cross, W.E. and Thompson, D.H. 1977. Survey of the Marine Environment of Bridport Inlet, Melville Island. Unpublished Report, prepared for Petro-Canada, Calgary, by LGL Ltd., Toronto. 265 p. (N.T.S. 78F, 78G).

Canadian Wildlife Service. 1972. **Arctic Ecology Map Series, Critical Wildlife Areas Descriptive Reports.** Prepared for Canadian Wildlife Service by Renewable Resources Consulting Services Ltd., Calgary, Alberta. 325 p. and 35 maps.

Davis, R.A., Koski, W.R. and Finley, K.J. 1978. Numbers and Distribution of Walruses in the central Canadian High Arctic. Unpublished report, prepared for Polar Gas Project, Toronto, by LGL Ltd., Toronto. 50 p.

Davis, R.A., Finley, K.J. and Richardson, W.J. 1980. **The Present Status and Future Management of Arctic Marine Mammals in Canada.** Report prepared for Science Advisory Board of the Northwest Territories, Yellowknife, by LGL Ltd., Toronto. Report No. 3, 93 p.

Degerbol, M. and Freuchen, P. 1935. **Mammals.** Report Fifth Thule Expedition 1921-24. Vol. 2, No. 4-5. 278 p.

Farquharson, D.R. 1976. Inuit Land Use in the West-Central Canadian Arctic. pp. 33-61. **In** Freeman, M.M.R. (ed.), **Inuit Land Use and Occupancy Project.** Vol. 1, Dept. of Indian and Northern Affairs, Ottawa. 263 p.

Finley, K.J. 1976. Studies of the Status of Marine Mammals in the central District of Franklin, N.W.T. June-August, 1975. Unpublished report, prepared for Polar Gas Project, Toronto, by LGL Ltd., Toronto. 183 p.

________ . 1978. Behaviour and densities of ringed seals (*Phoca hispida*) during haul out in the High Arctic, June, 1977. Unpublished report, prepared for Polar Gas Project, Toronto, by LGL Ltd., Toronto. 107 p.

Finley, K.J., Davis, R.A. and Richardson, W.J. 1974. Preliminary studies of the numbers and distribution of Marine Mammals in the central Canadian Arctic — 1974. A preliminary interim report. Unpublished report, prepared for Polar Gas Project, Toronto by LGL Ltd., Toronto. 68 p.

Fraker, M.A., Sergeant, D.E. and Hoek, W. 1978. **Bowhead and White Whales in the Southern Beaufort Sea.** Beaufort Sea Project Technical Report No. 4. Department of Fisheries and the Environment, Sidney, B.C. 114 p.

Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. **Journal of Mammalogy.** Vol. 47, No. 3, pp. 506-513.

Hatfield, C.T. and Kanik, B. 1979. Observations of Marine Mammals and Sea bird interaction with ice breaking activities in the High Arctic, July 18-August 5, 1979. Unpublished, prepared for Petro Canada, Calgary by Hatfield Consultants Ltd., Vancouver. 85 p.

Hunter, J.G. 1979. **Abundance and distribution of arctic cod, *Boreogadus saida,* in the southeastern Beaufort Sea.** Canadian Atlantic Fisheries Scientific Advisory Committee, Dartmouth, N.S. Research Document 79/39. 13 p.

Koski, W.R. 1980. Distribution of marine mammals in the Canadian Central High Arctic, July-September, 1979. Unpublished, prepared for Petro Canada, Calgary and Arctic Biological Station, Ste-Anne de Bellevue, Qué., by LGL Ltd., Toronto. 107 p.

Lawrie, A. 1950. Field report of a biological reconnaissance of the Eastern Canadian Arctic Archipelago. July-Sept., 1950. Canadian Wildlife Service, Department of Resources and Development, Ottawa. Unpublished manuscript. 32 p.

MacDonald, S.D. 1954. Report on biological investigations at Mould Bay, Prince Patrick Island, N.W.T. in 1952. **National Museum of Canada Bulletin,** Ottawa, No. 132, pp. 214-238.

MacPherson, A.H. 1961. On the abundance and distribution of certain mammals in the Western Canadian Arctic Islands in 1958-59. **Arctic Circular.** Vol. 14, No. 1, pp. 1-17.

Stefansson, V. 1921. **The Friendly Arctic.** The Macmillan Co., N.Y. 812 p.

Stirling, I. 1980. The biological importance of polynyas in the Canadian Arctic. **Arctic.** Vol. 33, No. 2, pp. 305-315.

Stirling, I., *et al.* 1975. **Distribution and abundance of polar bears in the eastern Beaufort Sea.** Beaufort Sea Project Technical Report No. 2. Department of the Environment, Victoria, B.C. 59 p.

________ . 1979. **Population ecology of the polar bear along the proposed Arctic Island Gas Pipeline route.** AIPP Report 1978. ESCOM Report No. AI-24. Environmental-Social Program, Northern Pipelines. Indian and Northern Affairs, Ottawa. 93 p.

Stirling, I., Kingsley M.C.S. and Calvert, W. 1981. **The distribution and abundance of seals in the High Arctic, 1980.** Report prepared for Dome Petroleum Ltd., The Arctic Island Offshore Production Committee, and the Department of Indian and Northern Affairs, by Canadian Wildlife Service, Edmonton. 51 p.

Stirling, I., Cleator, H. and Smith, T.G. 1981. Marine Mammals. **In** I. Stirling and H. Cleator (eds.), **Polynyas in the Canadian Arctic.** Canadian Wildlife Service, Ottawa, Occasional Paper No. 45.

Villiers, D. 1969. **The Central Arctic: An area economic survey.** Department of Indian Affairs and Northern Development, Industrial Division, Northern Administration Branch, Ottawa. A.E.S.R. 68/1. 189 p.

Youngman, P.M. 1965. Walrus on Prince Patrick Island, Northwest Territories, Canada. **Journal of Mammalogy.** Vol. 46, No. 1, p. 104.

________ . 1963. Faunal notes — 1960 and 1961. pp. 221-230, **In** Muller, F. *et al.* **Preliminary Report 1961-1962.** Axel Heiberg Research Reports. McGill University, Montreal. 241 p.

Mansfield, A.W. 1966. The walrus in Canada's Arctic. **Canadian Geographical Journal.** Vol. 72, No. 3, pp. 88-95.

________ . 1971. Occurrence of the bowhead or Greenland right whale (*Balaena mysticetus*) in Canadian arctic waters. **Journal of the Fisheries Research Board of Canada.** Vol. 28, No. 12, pp. 1873-1875.

McLaren M.A. and Renaud, W.E. 1977. Numbers and distribution of marine mammals along the coast of southeastern Melville Island, July-August 1977. Unpublished report, prepared for Petro-Canada, Calgary, by LGL Ltd., Toronto. 18 p.

Read, C.J. and Stephansson, S.E. 1976. **Distribution and migration routes of marine mammals in the Central Arctic region.** Department of Environment, Fisheries and Marine Service,Technical Report No. 667, 13 p.

Riewe, R. 1976. Inuit Land Use in the High Canadian Arctic, pp. 173-184. **In** Freeman, M.M.R. (ed.), **Inuit Land Use and Occupancy Project.** Vol. 1, Dept. of Indian and Northern Affairs, Ottawa. 263 p.

Roe, N.A. and Stephen, S.W. 1977. Narwhals (*Monodon monoceros*) observed near King Christian Island, Northwest Territories. **Canadian Field-Naturalist.** Vol. 91, No. 3, pp. 309-310.

Salter, R.E. 1979. Site utilization, activity budgets, and disturbance responses of Atlantic walruses during terrestrial haul-out. **Canadian Journal of Zoology.** Vol. 57, No. 6, pp. 1169-1180.

Sergeant, D.E. 1979. Seasonal movements and numbers of cetaceans summering in Lancaster Sound, Arctic Canada. International Whaling Commission, Subcommittee on Small Cetaceans. Cambridge, England. Working papers 31/SM 19, 20 p. plus figures and tables.

Smiley, B.D. and Milne, A.R. 1979. LNG transport in Parry Channel: Possible environmental hazards. Unpublished manuscript. Institute of Ocean Sciences, Department of Fisheries and Environment, Patricia Bay, Sidney, B.C. 47 p.

Smith, T.G. 1973. **Censusing and estimating the size of ringed seal populations.** Fisheries Research Board of Canada, Technical Report No. 427. 18 p. and figures.

________ . 1977. The wolffish, cf *Anarhichas denticulatus* new to the Amundsen Gulf area, Northwest Territories, and a probable prey of the ringed seal. **Canadian Field Naturalist.** Vol. 91, No. 3, p. 288.

________ . 1978. Travelling the Arctic by snowmobile. **Canadian Geographical Journal.** Vol. 96, No. 1, pp. 60-65.

________ . 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. **Canadian Journal of Zoology.** Vol. 58, No. 12, pp. 2201-2209.

Smith, T.G. and Stirling, I. 1975. The breeding habitat of the ringed seal (*Phoca hispida*). The birth lair and associated structures. **Canadian Journal of Zoology.** Vol 53, No. 9, pp. 1297-1305.

Smith, T.G. and Geraci, J.R. 1975. **The Effect of contact and Ingestion of crude oil on ringed seals of the Beaufort Sea.** Department of Environment, Beaufort Sea Project. Technical Report, Victoria, British Columbia. 66 p.

Smith, T.G. and Memogana, J. 1977. Disorientation in ringed seals and bearded seals. **The Canadian Field-Naturalist.** Ottawa. Vol. 91, No. 2, pp. 181-182.

Smith, T.G. and Taylor, D. 1977. **Notes on marine mammal, fox, and polar bear harvests in the Northwest Territories 1940 to 1972.** Department of Fisheries and Environment, Fisheries and Marine Service, Technical Report No. 694. 37 p.

Smith, T.G., Beck, B. and Memogana, J. 1978. **Ringed seals breeding habitat surveys in the Viscount Melville Sound, Barrow Strait and Peel Sound areas.** Department of Indian and Northern Affairs, Ottawa. ESCOM No. A1-14.

Smith, T.G., *et al.* 1978. **Ringed seals habitat in Viscount Melville Sound, Barrow Strait and Peel Sound.** ESCOM Rep. AI-22. Canada Department of Indian and Northern Affairs, Environmental-Social Program, Ottawa. 85 p.

Smith, Thomas G. and Stirling, Ian. 1978. Variation in the density of ringed seal (*Phoca hispida*) birth lairs in the Amundsen Gulf, N.W.T. National Research Council, Ottawa. **Journal of Zoology.** Vol 56, No. 5, pp. 1066-1070.

Smith, T.G., Sleno, G.A. and Taylor, D. 1979. **An areal survey of marine mammals in the region north of Cornwallis Island, N.W.T.** Department of Fisheries and Environment Canada, Fisheries and Marine Service, Ottawa. Technical Report No. 837. 14 p.

Smith, T.G. and Hammill, M.O. 1980. Ringed seal, *Phoca hispida,* breeding habitat survey of Bridport Inlet and adjacent coastal sea ice. Government of Canada, Department of Fisheries and Oceans, Ottawa. Canadian Manuscript Report of Fisheries and Aquatic Sciences, No. 1577. 31 p. (N.T.S. 78F, 78G).

FISH RESOURCES AND FISHING

Able, K.W. and McAllister, D.E. 1980. Revision of the snailfishes, *Liparis,* from Arctic Canada. **Can. Bull. Fish. Aquat. Sci.** 208: 52 p.

Bain, H. and Sekerak, A.D. 1978. **Aspects of the biology of Arctic cod *Boreogadus saida,*** in the central Canadian Arctic. L.G.L. Limited for Polar Gas Project. 104 p.

Bain, H., *et al.* 1977. **Marine ecology of fast-ice edges in Wellington Channel and Resolute Passage, N.W.T.** L.G.L. Limited for Polar Gas Project. 262 p.

B.C. Research. 1979. **Polaris Mine: summary of environmental informaton.** B.C Research for Cominco Ltd. 39 p. and 11 figs.

Beak Consultants Limited. 1975. **Biological investigations, Panarctic Gulf *et al.* East Drake I — 55.** Report for Panarctic Oils Ltd., Calgary, Alberta.

Bengeyfield, W., *et al.* 1977. **Environmental assessment of selected freshwater resources near the proposed Petro-Canada LNG project, Melville Island, N.W.T.** Report by Hatfield Consulting Ltd. for Petro-Canada. 35 p.

Bissett, D. 1967. **Resolute, an area economic survey of the Lancaster Sound area.** Vol. II of the Lancaster Sound Survey. Can. Dept. Ind. Affairs N. Develop., Ottawa. A.E.S.R. Rep. 67/1. 175 p.

Boulva, J. 1972. Morphometrics of sympatric Arctic codfishes of the genera *Arctogadus* and *Gadus.* **J. Fish. Res. Board Can.** 29(3): 243-249.

Bradstreet, M.S.W. 1980. 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: 2120-2140.

Buchanan, R.A., Cross, W.E. and Thomson, D.H. 1977. **Survey of the marine environment of Bridport Inlet, Melville Island.** L.G.L. Limited for Petro-Canada. 265 p. (N.T.S. 78F, 78G).

Davis, R.A., Finley, K.J. and Richardson, W.J. 1980. **The present status and future management of Arctic marine mammals in Canada.** L.G.L. Limited for Science Advisory Board of the Northwest Territories, Yellowknife. 93 p.

de March, L., de March, B. and Eddy, W. 1977. **Limnological, fisheries and stream zoobenthic studies of Stanwell-Fletcher Lake, Canada.** Can. Dep. Ind. N. Affairs, Ottawa. ESCOM Report AI-04. 84 p.

Fallis, B.W. and Harbicht, S.M. (in prep). A preliminary study of the limnology and biology of Garrow Lake, N.W.T. Can. J. Fish. Aquat. Sci. Tech. Rep.

Green, J.M. and Steel, D.H. 1975. Observations on marine life beneath sea ice, Resolute Bay, N.W.T., p. II 77- II 86. **In: Proceedings Circumpolar Conference on Northern Ecology.** National Research Council, Ottawa.

Hennig, R.D. 1981. pers. comm. Beak Consultants Limited, 3530 — 11A Street N.E., Calgary, Alberta, T2E 6M7.

Holeton, G.F. 1974. Metabolic cold adaptation of polar fish: fact or artifact. **Physiol. Zool.** 47: 137-152.

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

________ . 1980. The arctic charr, *Salvelinus alpinus,* p. 15-98. **In:** E.K. Balon (ed.) **Charrs — salmonid fishes of the genus *Salvelinus.*** Dr. W. Junk Publishers, The Hague.

MacDonald, S.D. 1954. Report on biological investigations at Mould Bay, Prince Patrick Island, N.W.T., in 1952. **Nat. Mus. Can. Bull.** 132: 214-238.

________ . 1981. pers. comm. National Museum of Natural Sciences, Ottawa, Ontario, K1A OM8.

McAllister, D.E. 1959. The origin and status of the deepwater sculpin, *Myoxocephalus thompsonii,* a nearctic glacial relict. **Nat. Mus. Can. Bull.** 172: 44-65.

________ . 1963. Systematic notes on the sculpin genera *Artediellus, Icelus,* and *Triglops* on Arctic and Atlantic coasts of Canada. **Nat. Mus. Can. Bull.** 185: 50-59.

________ . 1981. pers. comm. Icthyology unit, National Museum of Natural Sciences, Ottawa, Ontario, K1A 0M8.

McAllister, D.E., and Aniskowicz, J. 1976. Vertebral number in north American sculpins of *Myoxocephalus quadricornis* complex **J. Fish Res. Board Can.** 33: 2792-2799.

McLaren, P. 1981. River and suspended sediment discharge into Byam Channel, Queen Elizabeth Islands, Northwest Territories, Canada. **Arctic** 34(2): 141-146.

Milne, A.R. and Smiley, B.D. 1976. **Offshore drilling in Lancaster Sound: possible environmental hazards.** Institute of Ocean Sciences. Canada Department of Fisheries and Environment, Sidney, B.C. 95 p.

Riewe, R. 1976. Inuit land use in the high Canadian Arctic, pp. 173-184. **In:** M.M.R. Freeman (ed.) **Inuit land use and occupancy project,** Vol. I. Canada Department of Indian and Northern Affairs, Ottawa.

Rigler, F.J. 1975. The Char Lake project, p. 171-198. **In:** T.W.M. Cameron and L.W. Billingsley (eds.) **Energy flow — its biological dimensions; a summary of the IBP in Canada 1964-74.** Roy. Soc. of Canada, Ottawa.

Sabine, (Sir) E. 1821. Fishes, p. CCIV-CCXI. **In:** W.E. Parry. Paul: (in English 204-211). **Journal of a voyage for the discovery of a north-west passage from the Atlantic to the Pacific,** Appendix X, Zoology. John Murray, London.

Schindler, D.W., *et al.* 1974. Eutrophication in the high Arctic - Meretta Lake, Cornwallis Island (75°N Lat.) **J. Fish Res. Board Can.** 31: 647-662.

Scott, W.B. and Crossman, E.J. 1973. **Freshwater fishes of Canada.** Fish. Res. Board Can. Bull. 184: 195 p.

Sekerak, A.D. and Graves, F.F. 1975. **Investigation of aquatic resources along proposed Polar Gas pipeline routes north of Spence Bay, N.W.T.** 1974, Vol. 1 and 2. Aquatic Environments Limited for Petro-Canada.

Stevenson, J. 1981. pers. comm. Wildlife Officer, Resolute, N.W.T., XOC OHO.

Stewart, D.B. and MacDonald, G. (in press). An aquatic resource survey of Devon, Cornwallis, Somerset and northern Baffin islands, District of Franklin, Northwest Territories, 1980. Department of Indian and Northern Affairs, Ottawa.

Templeman, W. 1963. Distribution of sharks in the Canadian Atlantic, (with special reference to Newfoundland waters). **Fish. Res. Board Can. Bull.** 140: 1-77.

Walters, V. 1953. Notes on fishes from Prince Patrick and Ellesmere islands, Canada. **Am. Mus. Nov.** (1643): 1-17.

Wedel, J.H. 1978. **Hydrologic investigations along the Arctic islands pipeline route.** Can. Dep. Ind. N. Affairs, Ottawa. ESCOM Rep. AI-23. 104 p.

HISTORICAL INFORMATION

Amundsen, Roald. 1908. **The North West Passage; being the record of a voyage of exploration of the Ship *Gjoa* 1903-1907.** Archibald and Constable, London. Two Volumes. 732 p.

Belcher, Sir Edward. 1855. **The Last of the Arctic Voyages.** Lovell Reeve, London. Two Volumes. 78 p.

Bernier, Joseph-Elzear. 1909. **Report on the Dominion Government expedition to Arctic Islands and the Hudson Strait on board the C.G.S.*Arctic* 1906-1907.** King's Printer, Ottawa. 127 p.

________ . 1910. **Report on the Dominion of Canada Government expedition to the Arctic Islands and Hudson Strait on board the D.G.S. *Arctic.*** Government Printing Bureau, Ottawa. 529 p.

________ . 1911. **Report on the Dominion Government Expedition to the Northern Waters and Arctic Archipelago of the D.G.S. *Arctic* in 1910.** King's Printer, Ottawa. 161 p.

Citizen. Ottawa. 1977. Arctic 'supermart' studied. November 17. p. 45.

Collinson, Capt. Richard. 1889. **Journal of H.M.S. *Enterprise* on the Expedition in Search of Sir John Franklin's Ships by Behring Strait, 1850-1855.** Sampson, Low, Marston, Searle and Rivington, London. 531 p.

Cooke, A. and Holland, C. 1972a. Chronological List of Expeditions and Historical Events in Northern Canada. Vol. 6, 1821-45. **Polar Records.** Vol. 16, no. 100. pp. 41-61.

________ . 1972b. Chronological List of Expeditions and Historical Events in Northern Canada. Vol. 7, 1846-54. **Polar Records.** Vol. 16, no. 101. pp. 235-260.

________ . 1972c. Chronological List of Expeditions and Historical Events in Northern Canada. Vol. 8, 1853-80. **Polar Records.** Vol. 16, no. 102. pp. 383-409.

________ . 1978. **The Exploration of Northern Canada. 500 to 1920 A Chronology.** The Arctic History Press, Toronto. 549 p. plus maps.

Dempsey, Hugh A. 1968. McClintock Cart Site (QiNg). Unpublished manuscript on file at Glenbow-Alberta Institute, Calgary. 26 p.

Dunbar, Moira and Greenaway, Keith R. 1956. **Arctic Canada from the Air.** Defence Research Board, Ottawa. 541 p.

Great Britain. Parliament. 1852a. **Arctic Expedition Papers.** Vol. 2. London.

________ . 1852b. **Arctic Expedition Papers.** Vol. 3. London.

________ . 1855. **Arctic Expedition Papers.** Vol. 4. London.

Hudson Bay Company Archives. Provincial Archives of Manitoba. Post Records Division, Journal Records. B394/a/1; B404/a/1-5.

M'Clintock, Sir Francis Leopold. 1972. (Reprint of 1859 edition). **A Narrative of the Discovery of the Fate of Sir John Franklin and his Companions.** Hurtig Publishers, Edmonton. 403 p.

M'Clure, Capt. Robert. (no date). **The Arctic Dispatches.** J.D. Potter, London.

________ . 1969. (Reprint of 1856 edition). **The Discovery of the North-West Passage.** Hurtig Publishers, Edmonton. 405 p.

Neatby, L.H. 1967. **Frozen Ships: The Arctic Diary of Johann Miertsching, 1850-1854.** MacMillan of Canada, Toronto. 254 p.

Parmenter, Caroline Phillips, Burnip, M. and Ferguson, R. 1981. **Preliminary Report of the Second Season (1977) of Historical Archaeological Investigations in the High Arctic.** Parks Canada, Ottawa.

Parry, Capt. William Edward. 1968. **Journal of a Second Voyage for the Discovery of a North-West Passage from the Atlantic to the Pacific.** Greenwood Press, New York. 571 p.

Phillips, Caroline. 1981. High Arctic Historical Archaeological Project: Fifth Season, 1980. **Research Bulletin,** Parks Canada, Ottawa.

Public Archives of Canada. RG 85. Vol. 779-780. File 5765, parts 1,2.

Royal Canadian Mounted Police. 1929. **Dominion of Canada report of the R.C.M.P. for the year ended Sept. 30, 1929.** Ottawa.

________ . 1945. **Reports and Other Papers Relating to the Two Voyages of the R.C.M.P. Schooner *St. Roch,* Through the North-West Passage.** Ottawa. 95 p.

Stefansson, Vilhjalmur. 1922. **The Friendly Arctic, The Story of Five Years in Polar Regions.** MacMillan, New York. 784 p.

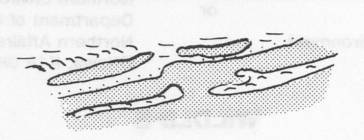
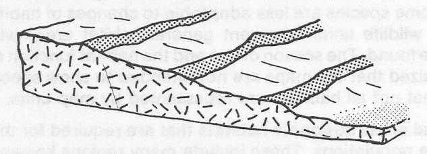
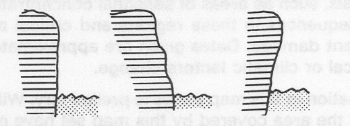
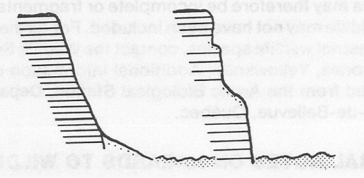
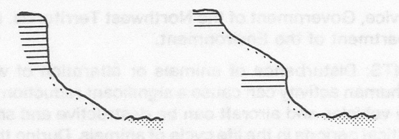
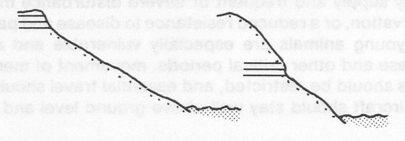
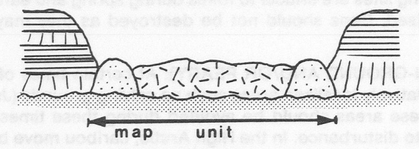
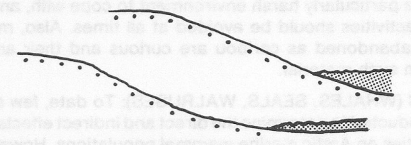
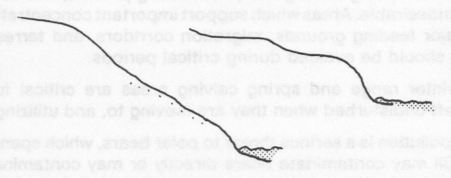
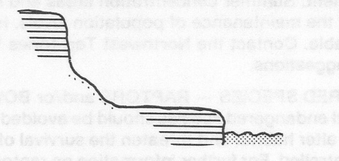
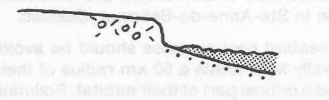
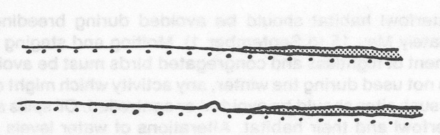
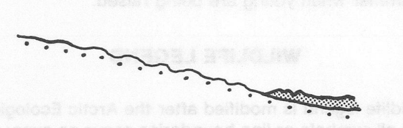
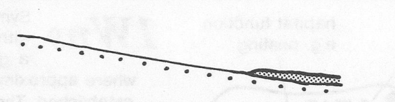
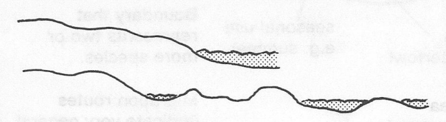
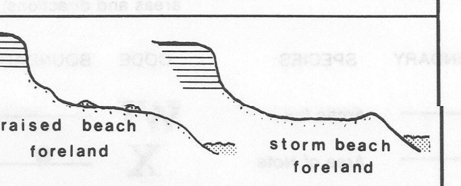
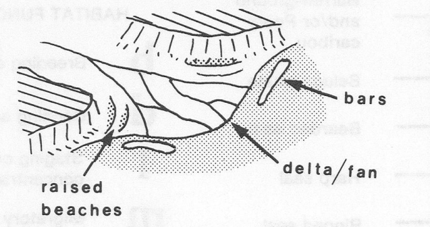
Taylor, Andrew. 1955. **Geographical Discovery and Exploration in the Queen Elizabeth Islands.** Dept. of Mines and Technical Surveys, Geographical Branch, Ottawa. 172 p.

Taylor, Ewart. 1962. Belcher Cairn. **Canadian Geographical Journal.** Vol. 65, no. 1. pp. 26-27.

Tozer, E.T. and Thorsteinsson, R. 1964. **Western Queen Elizabeth Islands, Arctic Archipelago.** Geological Survey of Canada, Dept. of Mines and Technical Surveys. Memoir 332, pp. 2-15.

Usher, Peter J. 1971. **Fur Trade Posts of the Northwest Territories, 1870-1970.** Northern Science Research Group, Dept. of Indian Affairs and Northern Development, Ottawa. 180 p.

COASTAL CLASSIFICATION

CODE	CLASS AND DESCRIPTION	DIAGRAMS (NOT TO SCALE)
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 **Bc**. Strandlines on generally level plains are classed as **Pg**.	
Ca	CLIFFS WITH NO TALUS. Precipitous rock slopes that range from 65° slopes-to vertical, sometimes overhanging. The cliff face may include prominant 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 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 **Cc**, but mostly talus covered. As talus attains complete cover, this class grades into class **Hc**.	
Gl	GLACIERS. Glacier ice which reaches the sea, and results in calving. Where the ice has retreated to leave a gravel plain, classes **Ps** or **Pg** 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.	
Hr	ROCKY HILLS. Mainly bedrock-controlled slopes, over 5-10°, which extend from over 10 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 alongshore. 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 10's of metres to 1-2 km wide, and are typically up to 10 metres high. Near vertical cliffs at the seaward end are common. Beaches of any kind are rare.	
Pe	ERODED PLAIN — CUTBANKS. Coastal plains of unconsolidated but cohesive materials, such as clay-till or lacustrine sediments, which are eroded at the shoreline to produce low bluff backshores. Similar coasts in bedrock are classed as **Pc**.	
Pf	FLUVIAL PLAIN — SANDFLATS. Extensive deposits (up to 100's km²) of unconsolidated alluvial sand and/or silt where rapid terrestrial erosion coincides with wave- and current-free nearshore conditions, such as where sea-ice prevails year-round. Sandflats are smooth, nearly horizontal plains. Waterlines may be marked by push ridges, or there may be simply a smooth progression from land to sea.	
Pg	IRREGULAR PLAIN (formerly Till Plain, **Pt**). Similar to **Pl** in broad relief — plains of less than 10 m elevation near the coast and slopes typically less than 5-10°, coupled with limited beach development and shallows nearshore. Medium to coarse sediments and irregular terrain prevail (eg. till plains or strandlines). Strandlines on progressively inclined surfaces are classed as **Br**.	
Pl	INCLINED PLAIN (formerly Marine Plain, **Pm**). Similar to **Pg** in broad relief — plains of less than 10 m elevation near the coast and slopes typically less than 5-10°, coupled with limited smooth terrain prevail, such as related to emergent marine deposits or pediments.	
Pr	ROCKY PLAIN. Rocky slopes of low elevation, usually less than 10 m, and of slopes less than 5-10°. Colluvial pockets and fans occur occasionally, and narrow gravel beaches occur in their vicinity. This class grades into **Hr** with increasing elevations. Islands and reefs are common offshore.	
Ps	PLAINS WITH STEEP BACKSHORE (other than rock-controlled). Forelands or plains consisting of unconsolidated sediments. Usually as raised fans, or raised marine platforms covered by beach deposits, past or present. The plain changes relatively abruptly to a steep backshore (over 5-10°) and a narrow contemporary beach.	
Rf	RIVER-MOUTH AND FLUVIAL COMPLEXES. Includes features associated with river mouths; fans, deltas, estuaries, tidal flats, marshes, baymouth bars, spits, etc. Smaller fans grade into class **Ps** where isostatic rebound exceeds the streams debris supply, causing the fan to be raised and the stream to incise.