

References

- Adamczewski, J.Z., Gates, C.C. and Hudson, R.J. 1987. Fat distribution and indices of carcass composition in Coats Island caribou (*Rangifer tarandus groenlandicus*). *Can. J. Zool.* 65:368-374.
- Altman, J. 1974. Observational study of behaviour: sampling methods. *Behaviour* 49: 227-265.
- Arno, S. F. and Sneck, K.M. 1977. A method for determining fire history in coniferous forests of the mountain west. *USDA Forest Service General Technical Report INT-42*, 28 pp.
- Atmospheric Environment Service. 1985. Beaufort weather office; 1985 report. Environment Canada. 191 pp.
- Baskin, L. M. 1970. *Reindeer: Their ecology and behaviour*. A. N. Severtsov Institute of Evolutionary Morphology and Ecology of Animals. Nauka Pub. House, Moscow. [Trans. from Russian, Can. Wild. Serv., Ottawa.]
- Batchelor, C. L. 1971. Estimation of density from a sample of joint point and nearest-neighbour distances. *Ecology* 52: 703-709.
- Beaufort Environmental Assessment and Review Panel. 1984. *Beaufort Sea Hydrocarbon Production and Transportation, final report of the environmental review panel*. Federal Environmental Assessment Review office, Ottawa. 146 pp.
- Beers, T. W., Dress, P.E. and Wensel, L.C. 1966. Aspect transformation in site productivity research. *J. Forestry* 64(1):691-692.
- Bente, P. J. 1977. *Summary report of investigations of the Porcupine Caribou Herd in northeastern Alaska and the Yukon Territory, 1977*. Renewable Resources Consulting Services Ltd., Edmonton. 19 pp.
- Berger, T. R. 1977. Northern Frontier Northern Homeland. *The report of the Mackenzie Valley Pipeline Inquiry, Vol 1*. Supply and Services Canada, Ottawa. 213 pp.
- Bergerud, A.T. 1974. The role of the environment in the aggregation, movement and disturbance behavior of caribou. pp. 552-584. In: V. Geist and F. Walther (eds.). *The behavior of ungulates and its relation to management*. International Union for Cons. Nature and Natural Resources, Morges, Switzerland.
- Blaxter, K. L. 1962. *The energy metabolism of ruminants*. Springfield, Illinois: C. C. Thomas. 332 pp.
- Boertje, R. D. 1981. *Nutritional ecology of the Denali caribou herd*. M.Sc. Thesis. Univ. Alaska, Fairbanks. 294 pp.
- Boertje, R. D. 1985. Seasonal activity of the Denali caribou herd, Alaska. *Rangifer* 5:32-42.
- Boertje, R. D., Davis, J.L. and Valkenburg, P. 1985. Uses and limitations of fecal analysis of *Rangifer* studies. pp. 307-316 in: Meredith, T. C. and A. M. Martell (eds). Caribou Management, census techniques status in eastern Canada. In: *Proceedings of the Second North American Caribou Workshop, Val Morin, Quebec, 17-20 October 1984*. McGill Subarctic Research Paper No. 40.
- Bostock, H. S. 1948. Physiography of the Canadian Cordillera, with special reference to the area north of the fifty-fifth parallel; *Geol. Surv. Can., Mem.* 247.
- Boyd, C. N. 1984. *An analysis of the natural vegetation of the Macmillan Pass/Sheldon Lake area of the east-central Yukon Territory*. MSc thesis. Univ. of Alberta, Edmonton, Alberta.
- Brown R. J. E. 1969. Factors influencing discontinuous permafrost in Canada. In: Pewe, T. L. (ed.) *The periglacial environment*. McGill-Queen's University Press. pp. 11-53.
- Calef, G.W. 1974. The predicted effects of the proposed gas pipeline project on the Porcupine Caribou Herd. pp. 101-120 in *Research Reports, Vol IV: Environmental impact assessment of the portion of the Mackenzie gas pipeline from Alaska to Alberta*. Environmental Protection Board, Winnipeg, Manitoba.
- Calef, G. and Heard, D.C. 1980. The status of three tundra wintering caribou herds in northeastern mainland Northwest Territories. pp. 582-594. In: Reimers, E., E. Gaare and S. Skjenneberg. (eds.) *Proc. 2nd Int. Reindeer/Caribou Symp, Røros, Norway 1979*.
- Cammell, E. L. and Osborn, D. F. 1972. Factors influencing the total time spent chewing by sheep given diets containing long dried forages. *Proceedings of the Nutrition Society* 31,63A-64A.
- Cochran, W.G. 1977. *Sampling techniques*. John Wiley and Sons, New York.
- Couturier, S., Brunelle, J. and Lapointe, G. 1988. Decline of physical condition and decrease of recruitment in the George River Caribou Herd. In: Proc. 3rd North American Caribou Workshop. Alaska Dept. Fish and Game. Juneau. *Wldl. Tech. Bull.* No. 8:35-37.
- Curatolo, J.A. 1975. *Factors influencing local movements and behavior of barren-ground caribou*. M.S. Thesis Univ. Alaska, Fairbanks. 146pp.
- Curatolo, J.A. and Roseneau, D.G. 1977. *The distribution and movements of the Porcupine Caribou Herd in Northern Alaska and the Yukon Territory*. Renewable Resources Consulting Services Ltd. 57pp.
- Dau, J. 1986. *Distribution and behavior of barren-ground caribou in relation to weather and parasitic insects*. M.Sc. Thesis. Univ. Alaska, Fairbanks. 149pp.

- Dearden, B. L., Pegau, R. E. and Hansen, R. M. 1975. Precision of microhistological estimates of ruminant food habits. *J. Wildl. Manage.* 39:402-407.
- Downes, C.M. 1985. *The influence of insects on a population of mountain caribou*. M.S. thesis. Univ. Waterloo. 127 pp.
- Downes, J.A. 1965. Adaptations of insects in the Arctic. Studies on arctic insects. No. 15. *Entomology Research Inst.*, Can. Dept. Agric.
- Duquette, L. S. 1984. *Patterns of activity and their implications to the energy budget of migrating caribou*. M. Sc. thesis, University of Alaska, Fairbanks. 95 pp.
- Eriksson, L.O., Kallquist, M.L. and Mossing, T. 1981. Seasonal development of circadian and short-term activity in captive reindeer, *Rangifer tarandus* L. *Oecologia* (Berl.) 48: 64-70.
- Eppmark, Y. 1968. Observations of defense reactions to Oestrid flies by semi-domestic reindeer (*Rangifer tarandus*) in Swedish Lapland. *Zool. Beitr.* 14:155-167.
- Fancy, S.G. 1983. Movements and activity budgets of caribou near oil drilling sites in the Sagavanirktok River plain, Alaska. *Arctic* 36: 193-197.
- Fancy, S.G. 1986. *Daily energy budgets of caribou: a simulation approach*. Ph. D. Thesis. Univ. Alaska - Fairbanks. 226pp.
- Fancy, S. G. and White, R.G. 1985. Energy expenditure by caribou while cratering in snow. *J. Wildl. Manage.* 49 (4):987-993.
- Formozov, A. N. 1946. Snow cover as an integral factor in the environment and its importance in the ecology of mammals and birds. *Materials for Fauna and Flora of the U.S.S.R., New Ser., Zool.* 5. (Translated from Russian, Boreal Institute for Northern Studies, Univ. Alberta, Occ. Pub. No. 1.)
- Gaare, E. 1968. A preliminary report on winter nutrition of wild reindeer in the Southern Scandes, Norway. *Symp. Zool. Soc. London* 21:109-115.
- Gaare, E., Thompson, B. R. and Kjos-Hansson, O. 1975. Reindeer activity on Hardangervidda. In: *Fennoscandian Tundra Ecosystems. Ecological Studies, Part 2, vol. 17*. Editer F. E. Wiegolaski. Springer Verlag, Berlin 206-215 pp.
- Garner, G. and Reynolds, P. 1986. *Arctic National Wildlife Refuge Coastal Plain Resource Assessment. Final Report Baseline study of the fish, wildlife and their habitat*. US Dept. of Interior. 392 pp.
- Gauthier, D. A. 1984. *Population limitation in the Burwash caribou herd, southwestern Yukon*. Ph.D. Thesis, University of Waterloo, 246 pp.
- Gill, R. B., Carpenter, L. H., Bartmann, R. M., Baker, D. L., and Schoonveld, G. G. 1983. Fecal analysis to estimate mule deer diets. *J. of Wild. Mgmt.* 47:902-915.
- Hamilton, W.D. 1971. Geometry for the selfish herd. *J. Theor. Biol.* 31: 295-311.
- Heard, D. 1988. *Caribou Starvation on Rideout Island*. Oral presentation at the 3rd North American caribou workshop. Fairbanks, Alaska.
- Heinselman, M. L. 1978. Fire intensity and frequency as factors in the distribution and structure of northern ecosystems. In: H. Mooney, et al. (eds.) *The role of past and present fire frequency and intensity on ecosystem development and management*. USDA For. Serv., Gen. Tech. Rept., Washington, D.C.
- Helle, T. and Aspi, J. 1984. *Do sandy patches help reindeer against insects?* Rep. Kevo Subarctic Research Station. pp. 57-62.
- Helle, T. 1981. Studies on wild forest reindeer (*Rangifer tarandus fennicus* Lönnb.) and semidomesticated, reindeer (*Rangifer tarandus tarandus* L.) in Finland. *Acta Universitatis Ouluensis*, A107, Biol. 79 pp.
- Helle, T. and Saastamoinen, L. 1979. The winter use of food resources of semi-domestic reindeer in Northern Finland. *Seloste: Porojen talvinen ravintovarojen käyttö*. *Commun. Inst. For. Fenn.* 95(6):1-27.
- Helle, T. and Tarvainen, L. 1983. Effects of insect harassment on weight gain and survival in reindeer calves. *Rangifer* 4(1): 24-27.
- Henshaw, J. 1968. The activities of wintering caribou in north-western Alaska in relation to weather and snow conditions. *Int. J. Biometeorology* 12:21-27.
- Hocking, B. 1953. The intrinsic range and speed of flight of insects. *Trans. Royal Ent. Soc. London Vol.104 (8)*:223-345.
- Holechek, J. L., Vavra, M. and Pieper, R. D. 1982. Botanical composition determination range herbivore diets: a review. *J. of Range Manage.* 35:309-315.
- Hollander, M. and Wolfe, D. A. 1973. *Nonparametric statistical methods*. John Wiley and Sons. New York. 503 pp.
- Hovey, F. W., Kremsater, L.L., White, R.G., Russell, D.E. and Bunnell, F.L. 1989. Computer simulation models of the Porcupine Caribou Herd: II. Growth. *Technical Report Series No. 54 Pacific and Yukon Region, Canadian Wildlife Service*. 16 pp.

- Kelsall, J.P. 1968. *Migratory barren-ground caribou of Canada*. Can. Wild. Serv., Queen's Printer, Ottawa. 340pp.
- Kelsall, J.P. 1975. Warble fly distribution among some Canadian caribou. Pages 509-517. In: J. R. Luick, P. C. Lent, D. R. Klein, and R. G. White (eds) Proc. First Int. Reindeer/Caribou Symp.
- Kevan, P. 1970. *The caribou of the northern Yukon Territory - a history of man's interest in them with special reference to wildlife biology*. Can. Wild. Serv. Unpublished rep.
- Klein, D. R. 1968. The introduction, increase and crash of reindeer on St. Matthew Island. *J. Wildl. Mgmt.*, 32:350-367.
- Klein, D. R. 1970. Tundra ranges north of the boreal forest. *J. Range Manage.* 23:8-14.
- Klein, D. R. 1982. Fire, lichens and caribou. *J. Range Manage.* 35:390-395.
- Klein, D. R. and White, R.G. 1978. Parameters of caribou population ecology in Alaska: proceedings of a symposium and workshop. *Biol. Papers, Univ. of Alaska, Spec Report No. 3*. 49 pp.
- Kremsater, L. L., Hovey, F.W., Russell, D.E., White, R.G., Bunnell, E.L. and Martell, A.M. 1989. Computer simulation models of the Porcupine Caribou Herd: I. Energy. *Technical Report Series No. 53. Pacific and Yukon Region. Canadian Wildlife Service*. 14 pp.
- Kuropat, P. 1984. *Foraging behaviour of caribou on a calving ground in northwestern Alaska*. M.Sc. thesis. University of Alaska, Fairbanks.
- Kuropat, P. and Bryant, J.P. 1980. Foraging behaviour of cow caribou on the Utukok calving grounds in Northwestern Alaska. pp64-71. In: Reimers, E., Gaare, E. and Skjenneberg, S. (eds). *Proceedings of the Second International Reindeer/Caribou Symposium, 17-21 September, 1979, Røros, Norway*.
- Kuropat, P. and Bryant, J.P. 1983. Digestibility of caribou summer forage in arctic Alaska in relation to nutrient, fiber, and phenolic constituents. *Acta Zool. Fennica* 175: 51-52.
- LaPerriere, A. J. and Lent, P.C. 1977. Caribou feeding sites in relation to snow characteristics in north-eastern Alaska. *Arctic* 30:101-108.
- Lent, P. C. 1966. The caribou of northwestern Alaska. In: *Environment of the Cape Thompson region, Alaska*. Wilimovsky, N. J. and J. N. Wolfe (eds). U. S. Atomic Energy Commission, Div. Tech. Information, Washington, D. C. pp. 481-517.
- Lent, P. C. 1980. Synoptic snowmelt patterns in arctic Alaska in relation to caribou habitat use. In: Reimers, E., Gaare, E. and Skjenneberg, S. (eds). *Proceedings of the Second International Reindeer/Caribou Symposium, 17-21 September, 1979, Røros, Norway*.
- Lent, P. C. and Knutson, D. 1971. Muskox and snow cover on Nunivak Island, Alaska. In: A. O. Haugen, (ed.) *Proc. Snow and Ice in Relation to Wildlife and Recreation Symp.* Iowa State Univ., Ames, Iowa.
- Lindgren, E., Pullianen, D., Sulkava, S., Erkinaro E. and Heikura, K. 1983. Lichen resources and their use in winter by wild reindeer in the area of Lake Lentua. *Acta Zool. Fennica* 175:21 - 23.
- Mauer, F. J., Garner, G.W., Martin, L.D. and Weiller, G.W. 1983. Evaluation of techniques for assessing neonatal caribou calf mortality in the Porcupine Caribou Herd. pp. 202-245 in: G. W. Garner and P. E. Reynolds (eds). *1982 update report baseline study of the fish, wildlife, and their habitats*. U. S. Fish and Wildl. Serv., Anchorage, Ak. 379 pp.
- McCourt, K.H., Russell, H.J., Doll, D., Feist, J.D. and McCrory, W. 1974. Distribution and movements of the Porcupine Caribou Herd in the Yukon, 1971 Chapter 2. In: R.D. Jakimchuk (ed.). *The Porcupine Caribou Herd - Canada. Arctic Gas Biol. Rep. Ser. Vol. 4*.
- Miller, D. R. 1976. Biology of the Kaminuriak population of barren-ground caribou. Part 3. Taiga winter range relationships and diet. *Can. Wildl. Report Series* 36:42 pp.
- Murie, O. J. 1935. Alaska - Yukon caribou. North American Fauna. No. 54. U. S. Dept. of Agric., Bureau of Biological Survey. 93 pp.
- Murphy, S.M. 1988. Caribou behavior and movements in the Kuparuk Oilfield; implications for energetic and impact analysis. In: Proc. 3rd North American Caribou Workshop. Alaska Dept. Fish and Game. Juneau. *Wildl. Tech. Bull.* No. 8:196-210.
- Nasimovich, A. A. 1955. *The role of the regime of snow cover in the life of ungulates in the U.S.S.R.* Sov. Acad. Sci., Moscow. (Trans. from Russian), Can. Wildl. Serv., Ottawa.
- Oswald, E. T. and Senyk, J.P. 1977. Eco-regions of the Yukon Territory. *Canadian Forestry Service, Fisheries and Environment Canada. BC-X-164*. 115 pp.
- Parker, G. R. 1972. Biology of the Kaminuriak population of barren-ground caribou. Part 1: Total numbers, mortality, recruitment and seasonal distribution. *Canadian Wildlife Service Report series No. 20*. 93 pp.
- Parker, G. R. 1975. An investigation of caribou range on Southampton Island, Northwest Territories. *Can. Wildl. Serv. Report Series* 33:83 pp.

- Parker, K., White, R.G., Gillingham, M.P. and Holleman, D.F. 1990. Comparison of energy metabolism in relation to daily activity and milk consumption by caribou and muskox neonates. *Can. J. Zool.* 68:109-114.
- Pearson, A. M. and J. Nagy, 1976. The summer climate at Sam Lake, Yukon Territory. *Arctic* 23 (9):159-164.
- Pielou, E.C. 1975. *Ecological diversity*. John Wiley and Sons, New York.
- Pielou, E. C. 1977. *Mathematical ecology*. John Wiley and Sons, Toronto. 385 pp.
- Pruitt, Jr., W. O. 1959. Snow as a factor in the ecology of the barren-ground caribou (*Rangifer arcticus*). *Arctic* 12:158-179.
- Reimers, E. 1980. Activity pattern: The major determinant for growth and fattening in *Rangifer*. pp466-475. In: Reimers, E., Gaare, E. and Skjenneberg, S. (eds.). *Proc 2nd Int. Reindeer/Caribou Symp., Røros, Norway*.
- Ritchie, J.C. 1984. *Past and present vegetation of the far northwest of Canada*. University of Toronto Press. 251 pp.
- Robus, M. 1981. *Muskox habitat and use patterns in northeastern Alaska*. M.Sc. thesis. University of Alaska, Fairbanks. 116 pp.
- Roby, D.D. 1978. *Behavioral patterns of barren-ground caribou of the Central Arctic Herd adjacent to the Trans-Alaska oil pipeline*. M.Sc. thesis. University of Alaska, Fairbanks.
- Roby, D. D. 1980. Winter activity of caribou on two arctic ranges. In: Reimers, E., Gaare, E. & Skjenneberg, S. (eds.). *Proc. 2nd Int. Reindeer/Caribou Symp., Røros, Norway*.
- Roby, D.D., and Thing, H. 1985. Behaviour of West Greenland caribou during a population decline. *Holarct. Ecol.* 8:77-87.
- Roseneau, D .G. and Curatolo, J. A. 1976. The distribution and movements of the Porcupine Caribou Herd in Northeastern Alaska and the Yukon Territory, 1975. Chapter 1. in: R.D. Jakimchuk (ed.). Studies of mammals along the proposed Mackenzie Valley gas pipeline route, 1975. *Arctic Gas Biol. Rep. Ser. Vol. 36*.
- Roseneau, D.G., Stern, P.M. and Warbelow, C. 1974. Distribution and movements of the Porcupine Caribou Herd in northeastern Alaska. Chapter 4. in: K.H. McCourt and L.P. Horstman (eds.). Studies of large mammal populations in northern Alaska, Yukon and Northwest Territories, 1973. *Arctic Gas Biol. Rep. Ser. Vol. 22*.
- Russell, D. E. and Martell, A.M. 1984. Winter range ecology of caribou (*Rangifer tarandus*). In: R. Olson et al., (eds.) *Northern Ecology and Resource Management*. Univ. of Alberta Press. 438 pp.
- Russell, D. E., Nixon, W.A. and Martell, A.M. 1992a. Vegetation communities within the Yukon range of the Porcupine Caribou Herd. *Technical Report Series No. 139. Pacific and Yukon Region. Canadian Wildlife Service*.
- Russell, D. E., Whitten, K., Farnell, R. and Van De Wettering, D. 1992b. Movements and distribution of the Porcupine Caribou Herd, 1971 – 1990. *Technical Report Series No. 138. Pacific and Yukon Region. Canadian Wildlife Service*.
- Samuel, M. J. and Howard, G. S. 1983. Disappearing forbs in microhistological analysis of diets. *J. Range Manage.* 36:132-133.
- Scotter, G. W. 1967. The winter diet of barren-ground caribou in northern Canada. *The Canadian Field-Naturalist* 81:33-39.
- Scotter, G. W. 1970. Wildfires in relation to the habitat of barren-ground caribou in the taiga of northern Canada. *Ann. Proc. Tall Timbers Conf.* 10:85-106.
- See, M. G. and Bliss, L.C. 1980. Alpine lichen-dominated communities in Alberta and the Yukon. *Can. J. Bot.* 58:2148-2170
- Segal, A. N. 1962. *Reindeer in the Karelian, A.S.S.R.* Soviet Academy of Sciences, Moscow. (Translated from Russian), Can. Wildl. Serv., Ottawa.
- Shaver G. R., Fetcher, N. and Chapin, F. S. III. 1986. Growth and flowering in *Eriophorum vaginatum*: annual and latitudinal variation. *Ecology*, 67(6):1524-1535.
- Shea, J. C. 1979. *Social behaviour of wintering caribou in northwestern Alaska*. M.Sc. Thesis. Univ. of Alaska.
- Siegel, S. 1956. *Nonparametric statistics for the behavioural sciences*. McGraw-Hill Book Company, New York. 312 pp.
- Simard, A. J. 1973. Wildland fire management, the economics of policy alternatives. *Can. For. Serv. Tech. Report* 15:52 pp.
- Skoglund, T. 1978. Characteristics of snow cover and its relationship to the wild mountain caribou (*Rangifer tarandus tarandus* L.) feeding strategies. *Arctic and Alpine Research* 10: 569-580.
- Skoglund, T. 1980. Comparative summer feeding strategies of arctic and alpine *Rangifer*. *J. Anim. Ecol.* 49: 81-98.
- Skoglund, T. 1984. Wild reindeer foraging-niche organization. *Holarct. Ecol.* 7:345-379.
- Skoog, R. O. 1956. *Range, movements, population and food habits of the Steese-Fortymile herd*. M.Sc. thesis. University of Alaska, Fairbanks. 145 pp.
- Skoog, R.O. 1968. *Ecology of the caribou in Alaska*. Ph.D. Thesis. University of California – Berkeley. 699 pp.
- Sneath, P.H. and Sokol, R.R. 1973. *Numerical taxonomy*. WH. Freeman, San Francisco.
- Sokal, D. R., and Rohlf, F. J. 1969. *Biometry*. W. H. Freeman and Company, San Francisco. 776 pp.

- Sparks, D. R. and Malechek, J. C. 1968. Estimating percentage dry weight in diets using a microscope technique. *J. Range Manage.* 21:264-265.
- Staaland, H. E. Jacobsen E. and White, R. G. 1979. Comparison of the digestive tract in Svalbard and Norwegian reindeer. *Arctic and Alpine Research*, 11(4):457-466.
- Surrendi, D. C. and DeBock, E.A. 1976. Seasonal distribution, population status and behaviour of the Porcupine Caribou Herd. *Can. Wildl. Serv. Report*, 144 pp.
- Taylor, L.R. 1963. Analysis of the effect of temperature on insects in flight. *J. Anim. Ecol.* 32: 99-117.
- Terrain Analysis and Mapping Services, Ltd. 1981. *Geologic interpretations and evaluations of the Dempster Highway area*. Report to Canada-Yukon Subsidiary Agreement on Renewable Resource Information and Tourist Industry Development. 78 pp.
- Thing, H. 1977. Behaviour, mechanics and energetics associated with winter cratering by caribou in northwestern Alaska. *Biol. Pap. Univ. Alaska*, No. 18.
- Thing, H. 1984. Feeding ecology of the west Greenland caribou (*Rangifer tarandus groenlandicus*) in the Sisimiut-Kangerlussuaq region. *Danish Review of Game Biology* 12(3):52 pp.
- Thomas, D. C. 1969. Population estimates of barren-ground caribou March to May, 1967. *Canadian Wildlife Service Report Series*, No. 9. 44 pp.
- Thomas, D. C. 1982. The relationship between fertility and fat reserves of Peary caribou. *Can. J. Zool.* 60: 597-602.
- Thomas, D. C. and Hervieux, D. P. 1986. The late winter diets of barren-ground caribou in north-central Canada. *Rangifer. Special Issue No. 1* pp. 305-310.
- Thompson, D. C. and McCourt, K. H. 1981. Seasonal diets of the Porcupine Caribou Herd. *American Midland Naturalist* 105:70-76.
- Thomson, B. R. 1977. *The behaviour of wild reindeer in Norway*. Ph.D thesis, Univ. of Edinburgh.
- Trimble, T. R. and Weitzman, S. 1956. Site index of upland oak in the northern Appalachian. *For. Sci.* 2:162-173.
- Trudell, J. and White, R.G. 1981. The effect of forage structure and availability on food intake, biting rate, bite size and daily eating time of reindeer. *J. Applied Ecology* 18:63-81.
- Vierecke, L. A. 1973. Wildfire in the taiga of Alaska. *Quatern. Research* 3(3):465-495.
- Vierecke, L. A. and Schandelmeier, L.A. 1980. Effects of fire in Alaska and adjacent Canada - a literature review. *US Dept. of the Interior, BLM Alaska Technical Report* 6. 124 pp.
- Wein, R. W. and Moore, J.M. 1977. Fire history and rotations in the New Brunswick Acadian forest. *Can. J. For. Res.* 7:285-294.
- White, R.G., Bunnell, F.L, Gaare, E., Skogland, T. and Hebert, B. 1981. Ungulates on arctic ranges. In: *Tundra ecosystems: A comparative analysis*. L.C. Bliss, J.B. Cragg, D.W Heal, and J.J. Moore. (eds.) Cambridge University Press, Cambridge. pp. 397-483.
- White, R.G., Thompson, B.R, Skogland, T., Person, S.J., Holleman, D.F., Russell, D.E. and Luick, J.R. 1975. Ecology of caribou at Prudhoe Bay, Alaska. In ecological investigations of the Tundra Biome in the Prudhoe Bay region, Alaska. pp. 150-201. University of Alaska - Fairbanks. *Biol. Pap. Univ. Alaska Spec. Rep.* No. 2
- White, R. G. and Trudell, J. 1980. Patterns of herbivory and nutrient intake of reindeer grazing tundra vegetation. In: Reimers, E., Gaare, E. and Skjenneberg, S. (eds). *Proc. of the 2nd Int. Reindeer/Caribou Symposium, Røros, Norway*.
- Whitten, K. R. and Cameron, R.D. 1980. Nutrient dynamics of caribou forage on Alaska's arctic slope. In Reimers, E., Gaare, E. and Skjenneberg, S. (eds). *Proc. the 2nd Int. Reindeer/Caribou Symposium, Røros, Norway*. pp. 475-484.
- Whitten, K. R. and Cameron, R.D. 1984. Calving distribution and initial productivity in the Porcupine Caribou Herd, 1982. Pages 600-608, In: G. W. Garner and P. E. Reynolds (eds) *1983 update report baseline study of the fish, wildlife, and their habitats*. U. S. Fish and Wildlife Service. Anchorage, Alaska.
- Wiken, E.B., Welch, D.M., Ironside, G.R. and Taylor, D.G. 1981. The Northern Yukon: an ecological land survey. *Ecological land classification series*, No. 6. Lands Directorate, Environment Canada. Ottawa, Ontario. 197pp.
- Wilton, W. C. and Evans, C.H. 1974. Newfoundland forest fire history. *Can. For. Serv., Newfoundland For. Res. Center, Infor. Report N-X-116*.
- Wood, D.M. Dang, P.T. and Ellis, R.A. 1979. The insects and arachnids of Canada. Part 6. The mosquitoes of Canada. Diptera: Culicidae. *Biosystematics Research Institute*. Ottawa, Ontario. 390 pp.