## Haber, G.C. 1977. Socio-Ecological Dynamics of Wolves and Prey In a Subarctic Ecosystem.

Ph.D. dissertation, Univ. of British Columbia, Vancouver. 817 pp. Also published 1978 as a Special Report, Joint Federal-State Land Use Planning Commission For Alaska, Anchorage. 817 pp.

Available from Arctic Environmental Information and Data Center, Univ. of Alaska, Anchorage, from the Main Library, Univ. of British Columbia, from University Microfilms International, Ann Arbor, Michigan, and from other libraries.

The hunting and scavenging data in the caption are from the Savage and Toklat families of Denali National Park in winters 1969-70 through 1973-74, when their territories covered up to about 1,500 square miles of the park. This represented all of the moose, sheep, and caribou the two groups killed and scavenged over the 2,666 miles of their combined travels that I sampled during these five winters. This sample included virtually the complete range of winter conditions and thus the range of prey vulnerabilities and other key foraging variables to be expected in the Denali region – i.e., 1969-70 was one of the mildest winters on record, 1970-71 the most severe, 1971-72 was a "hard" winter, and 1972-73 and 1973-74 were "average."