

**Title**

CORNER BROOK LAKE CARIBOU STUDY

**Model Forest**

Western Newfoundland Model Forest

**From**

June 1993

**To**

March 1995

**Keywords**

Woodland Caribou, Timber Harvesting, Caribou Habitat

**Objective**

To determine what impact, if any, present day timber harvesting methods have on woodland caribou populations inhabiting the Western Newfoundland Model Forest, including their foraging and habitat use strategies and population dynamics.

**Description**

Logging of known winter habitats for woodland caribou has been associated with decreases in caribou populations all across Canada. Woodland caribou in Newfoundland have been shown to rely heavily on arboreal lichens for winter forage and may, therefore, depend on old-growth forests for essential winter habitat.

This study will investigate the habitat choice and population densities of caribou within the Western Newfoundland Model Forest. The use of old-growth forest and different serial stages will be monitored, and the impact of timber harvesting strategies on forage abundance will be assessed. The results from this study will be used to develop an integrated resource management model, and ensure the conservation and/or enhancement of woodland caribou populations.

**Reports and Products**

**Habitat Use and Population Ecology of the Corner Brook Lake Caribou Herd.** Snow, D; Mahoney, S. 1995. Western Newfoundland Model Forest, Corner Brook, Newfoundland. WNMF: 2-213-001, 52p.