

Title

TOWARD AN ECOLOGICALLY SUSTAINABLE LANDSCAPE: MEASURING ASPECTS OF HABITAT CONNECTIVITY IN COMMERCIALY HARVESTED LANDSCAPES.

Model Forest

Western Newfoundland Model Forest

From

April 1997

To

December 1998

Keywords

Gros Morne National Park, Habitat

Objective

To maximize the ecological potential of Gros Morne National Park and the surrounding western Newfoundland ecosystem, while acknowledging that a viable forest industry is crucial to the economy of this area.

Description

Sampling sites for this project were set up in Gros Morne National Park, along the eastern boundary, and east of the park in the Main River area. Presently, Phase One is completed with scientific data collected on birds, insects and spiders. The analysis of the data will include the use of a Logistic Regression Model to try and compare abundance and incidence of those species surveyed. Presently, this study is in its second year of a four year duration.

Reports and Products

Assessment of Habitat use by Birds, Arthropods and Small Mammals in the Gros Morne Greater Ecosystem: The Influence of Landscape Structure on Animal Abundance and Distribution.

2000. Krawchuk, M.A.; Mullie, A.; Taylor, P.D.; Teichert, S. Atlantic Cooperative Wildlife Ecology Research Network, Acadia University, Nova Scotia. WNMF: 8-801-002, 23pp.

Toward an Ecologically Sustainable Landscape: Measuring Aspects of Habitat Connectivity in Commercially Harvested Landscapes: Preliminary Report. Taylor, P. 1998. Acadia University, Nova Scotia. WNMF: 8-801-001, 4pp.

Assessment of Habitat use by Birds, Arthropods and Small Mammals in the Gros Morne Greater Ecosystem: The Influence of Landscape Structure on Animal Abundance and Distribution. 2001. Krawchuk, M.A.; Mullie, A.; Taylor, P.D.; Teichert, S. Atlantic Cooperative Wildlife Ecology Research Network, Acadia University, Nova Scotia. WNMF: 8-801-003, 50pp.