

Title

PINE MARTEN BASELINE STUDY

Model Forest

Western Newfoundland Model Forest

From

February 1993

To

March 1997

Keywords

Marten, Live Trapping, Marten Habitat, Ecology

Objective

To establish baseline information on the population distribution of the pine marten in western Newfoundland.

Description

This research was designed to intensively monitor the ecology and behavior of the marten population in western Newfoundland, including distribution, density, movement, and habitat use. The research is comprised of four main components: (i) to update information on the distribution of marten by means of bait stations, (ii) to produce geographically based habitat suitability maps, (iii) to determine marten movement and habitat use through radio telemetry, and (iv) determine density estimates through live trapping and recapture.

The ultimate goal of the pine marten baseline study is to incorporate the Newfoundland pine marten population and habitat objectives with timber management objectives in an integrated resource management approach.

Reports and Products

Pine Marten Distribution Study 1993. Howes, L. 1993. Western Newfoundland Model Forest, Corner Brook, Newfoundland. WNMF: 2-201-001, 23p.

A Genetic Analysis of Pine Marten (*Martes americana*) in the Western Newfoundland Model Forest. McGowan, C; Davidson, W. 1994. Department of Biochemistry, Memorial University of Newfoundland, St. John's, NF. WNMF: 2-201-002, 20p.

Pine Marten Baseline Project Annual Report. Howes, L. 1994. Western Newfoundland Model Forest, Corner Brook, Newfoundland. WNMF: 2-201-003, 8p.

Pine Marten Baseline Component 1995 Annual Report. Lundrigan, C; Fillier, D. 1995. Western Newfoundland Model Forest, Corner Brook, NF. WNMF: 2-201-004, 83p.

Pine Marten Habitat Utilization Study 1993-1995. Fillier, D; Lundrigan, C; Knox, K. 1995. Western Newfoundland Model Forest, Corner Brook, NF. WNMF: 2-201-005, 28p.