

Title

THE POPULATION AND ECOLOGY OF BIRDS OF PREY IN THE WESTERN NEWFOUNDLAND MODEL FOREST

Model Forest

Western Newfoundland Model Forest

From

May 1993

To

March 1995

Keywords

Birds of Prey, Ecology, Habitat, Raptor Population

Objective

To study the populations, feeding ecology and habitat requirements of large predatory birds in the Western Newfoundland Model Forest.

Description

Very little is known about the birds of prey in the Western Newfoundland Model Forest (WNMF). With the exception of recent studies on the Bald Eagle and Peregrine Falcon, predatory birds in Newfoundland are virtually unstudied. This project will generate a new understanding of the populations, feeding ecology and habitat requirements of large predatory birds in the WNMF. The species being studied include boreal owls, sharp-shinned hawks, rough-legged hawks and merlins. Research will be directed at the abundance and assemblages of these birds in different forest habitats, including natural growth, second growth, cultured and cut over areas. Investigations will be specifically designed to delineate the feeding and nesting requirements and how they differ in various forest types and different aged stands. The effects of forest management practices on the population will also be investigated. The data gathered from this research will enable the development of a management strategy for large predatory birds in the WNMF.

Reports and Products

Habitat Relationships and Feeding Ecologies of Birds of Prey, Woodpeckers and Cone-Dependent Finches in the Western Newfoundland Model Forest. Montevecchi, W. 1993. Memorial University of Newfoundland, St. John's, NF. WNMF: 2-205-001, 3p.

Population, Tropic and Habitat Relationships of Birds of Prey in the Western Newfoundland Model Forest. Gosse, J; Whitaker, D; Montevecchi, W; Brazil, J. 1993. Memorial University of Newfoundland, St. John's, Newfoundland. WNMF: 2-205-002, 26p.

Distribution, Feeding and Habitat Relationships of Birds of Prey in the Western Newfoundland Model Forest. Gosse, J. 1994. Memorial University of Newfoundland, St. John's, Newfoundland. WNMF: 2-205-003, 12p.

Distribution and Relative Abundances of Birds of Prey in Different Habitats in the Western Newfoundland Model Forest. Gosse, J; Montevecchi, W. 1994. Memorial University of Newfoundland, St. John's, Newfoundland. WNMF: 2-205-004, 21p.

Birds as Bio-Indicators in Western Newfoundland Forests. Gosse, J; Montevecchi, W; Settrington, M; Whitaker, D. 1994. Memorial University of Newfoundland, St. John's, Newfoundland. WNMF: 2-205-005, 10p.

Distribution and Relative Abundances of Birds of Prey in Different Habitats in the Western Newfoundland Model Forest. Montevecchi, W; Gosse, J; Whitaker, D; Mayo, M. 1995. Memorial University of Newfoundland, St. John's, NF. WNMF: 2-205-006, 53p.