



BACKGROUND INFORMATION FOR WILDLIFE HABITAT FOR SPECIES AT RISK OBJECTIVES UNDER THE KAMLOOPS LAND AND RESOURCE MANAGEMENT PLAN, IN THE KAMLOOPS FOREST DISTRICT

This document is intended to provide background information of the amount, distribution and attributes of wildlife habitat required for the survival of species at risk in the Kamloops Forest District. Its purpose is to clarify the intent of the Kamloops Land and Resource Management Plan (KLRMP) and to provide additional information for consideration by delegated decision makers and by those persons required to prepare results and strategies consistent with Higher Level Plan objectives for species at risk.

The KLRMP higher-level plan declaration provides legal weight to the objectives, targets, and strategies of the land use plan for the purposes of forestry operational plans. This land use plan direction is continued for the purposes of the *Forest and Range Practices Act*.

1. BACKGROUND INFORMATION

This Background Information document is provided to clarify objectives set by government for species at risk as a service to planners and decision makers when preparing and approving forest stewardship plans for forestry operations in the KLRMP area. Table 1 summarizes the amount of area included in this Background Information document. Indicators of amount, distribution and attributes included are based on existing data, current knowledge of species distribution, inventory efforts, and species biology, including territory size and intra-specific competition. In many cases, comprehensive inventories have not been completed. Where inventory work generates a greater number of known occurrences and suitable habitat, the information package may be amended to reflect a greater number of anticipated wildlife habitat areas. Any amendment will be consistent with the policy direction on timber supply impacts.

Species accounts for each of the species mentioned in the Notice can be obtained from the Identified Wildlife Management Strategy website:

http://wlapwww.gov.bc.ca/wld/identified/iwms2004_index.htm

Table 1. Summary of amounts included in the information package for the Kamloops Forest District.

Species	Total Area (ha)
Flammulated Owl	3300
“Interior” Western Screech-Owl	60
Lewis’s Woodpecker	650
Badger	35
Spotted Bat	120
Total	4165

The amounts included in Table 1 are based on known occurrences or predicted occurrences based on detailed habitat modeling.

Consistent with the KLRMP, the following Information package includes indicators of the amount, distribution and attributes of wildlife habitat required for the survival of the species at risk outlined in Schedule 1.

This Information package applies to the Kamloops Forest District.

1) Flammulated Owl (*Otus flammeolus*)

Amount:

The 3300ha amount is anticipated for 220 future wildlife habitat areas for Flammulated Owl or an aggregated area that is equivalent to the specified amount to which General Wildlife Measures would be applied. This amount is estimated based on known locations at this time as well as habitat modeling. It is anticipated that the areas will be defined using the biogeoclimatic subzone and elevational lines with GWMs applied to these units.

Distribution:

The distribution of Flammulated Owls is within the biogeoclimatic units and preferred elevations identified in the species account for Flammulated Owls in the *Accounts and Measures for Managing Identified Wildlife* in the Identified Wildlife Management Strategy Version 2004. The WHAs or GWMs will be placed on known locations and centered on high and moderate suitable habitat from the existing Flammulated Owl habitat model. This information is available from the Ministry of Environment.

Attributes:

The species account for Flammulated Owl in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004) identifies suitable nesting, security, and foraging habitat and the goals for the management of wildlife habitat areas.

2) “Interior” Western Screech-Owl (*Otus kennicottii macfarlanei*)

Amount:

The 60ha amount is based on the known occurrences of 2 “Interior” Western Screech-Owl areas in the Kamloops Forest District at this time. This information is available from the Ministry of Environment.

Distribution:

The distribution of Western Screech Owls is described in the *Accounts and Measures for Managing Identified Wildlife* in the Identified Wildlife Management Strategy Version 2004. The 2 known nesting locations are within the South West portion of the Kamloops Forest District.

Attributes:

The species account for Western Screech Owl in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004) identifies suitable nesting, security, and foraging habitat and the goals for the management of wildlife habitat areas.

3) Lewis’s Woodpecker (*Melanerpes lewis*)

Amount:

The 650ha amount is based on the known occurrences for 13 areas for Lewis’s Woodpecker or an aggregated area that is equivalent to the specified amount to which General Wildlife Measures would be applied. This amount is based on known occurrences at this time. Future inventory will likely identify future areas for additional WHAs or GWMs. It is anticipated that the areas will be defined using the biogeoclimatic subzone and elevational lines with GWMs applied to these units. Information is available from the Ministry of Environment.

Distribution:

The distribution of Lewis’s Woodpecker is within the biogeoclimatic units and preferred elevations identified in the species account for Lewis’s Woodpecker in the *Accounts and Measures for Managing Identified Wildlife* in the Identified Wildlife Management Strategy Version 2004.

Attributes:

The species account for Lewis’s Woodpecker in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004) identifies suitable nesting, security, and foraging habitat and the goals for the management of wildlife habitat areas.

4) Badger (*Taxidea taxus jeffersonii*)

Amount:

The 35 ha amount is based on known areas of burrow concentrations for Badgers. It is anticipated that more area will be required when further field work is completed.

Distribution:

The distribution of Badgers is described in the *Accounts and Measures for Managing Identified Wildlife* in the Identified Wildlife Management Strategy Version 2004. The 3 known areas occur in TFL 35.

Attributes:

The species account for Badgers in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004) identifies attributes and characteristics of suitable habitat.

5) Spotted Bat (*Euderma maculatum*)

Amount:

The 120 ha amount is based on the known locations of 12 sites for Spotted Bat at this time.

Distribution:

The distribution of Spotted Bat is described in the *Accounts and Measures for Managing Identified Wildlife* in the Identified Wildlife Management Strategy Version 2004.

Attributes:

The species account for Spotted Bat in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004) identifies attributes and characteristics of suitable habitat.