



**NOTICE – INDICATORS OF THE AMOUNT, DISTRIBUTION AND ATTRIBUTES OF
WILDLIFE HABITAT REQUIRED FOR THE SURVIVAL OF SPECIES AT RISK IN
THE CAMPBELL RIVER FOREST DISTRICT**

MATERIAL SUPPORTING THE NOTICE, BUT NOT PART OF THE NOTICE.

This document is intended to provide background information and support to the legal framework of the Notice of indicators of the amount, distribution and attributes of wildlife habitat required for the survival of species at risk in the Campbell River Forest District. This document is not part of the legal Notice. Its purpose is to provide additional information for consideration by delegated decision makers and by those persons required to prepare results and strategies consistent with section 7(1) of the Forest Planning and Practices Regulation or act in a manner consistent with section 9(2) of the *Woodlot Licence Planning and Practices Regulation*.

1. BACKGROUND INFORMATION

The 1% impact budget associated with the Identified Wildlife Management Strategy is directed at the short-term timber supply. For the purpose of this Notice the short-term timber supply budget represents the total mature timber harvesting land base (THLB) in age classes older than 60 years. Within the Campbell River Forest District the short-term timber supply budget is equal to 2491 ha. Current to August 1, 2004, approved wildlife habitat areas account for an impact of 192 ha to the mature timber harvesting landbase. Therefore, the remaining available budget is 2299 ha. Table 1 summarizes the amount of area included in the Notice as well as the amount of area in approved WHAs and their respective impacts to the mature THLB.

Indicators of amount, distribution and attributes included in the Notice are based on existing data, current knowledge of species distribution, inventory efforts, and species biology, including territory size and intraspecific competition. In many cases, comprehensive inventories have not been completed. Where inventory work generates a different number of known occurrences and suitable habitat, the Notice may be amended to reflect a greater number of anticipated wildlife habitat areas. Any amendment to the Notice 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 mature THLB impacts for amounts included in the Notice and approved WHAs in the Campbell River Forest District.

Species	Total Area (ha)	Estimated Mature THLB (ha)	Percent of 1% District Budget
Amounts in Notice			
“Queen Charlotte” Goshawk	1743	764	30.6
Marbled Murrelet	unknown	1431	54.2
Red-legged Frog	50	30	1.2
Keen’s Long-eared Myotis	40	30	1.2
Great Blue Heron	160	24	1.0
Coastal Tailed Frog	80	20	0.8
Subtotal	2,073	2299	92.3
Approved Wildlife Habitat Areas			
“Queen Charlotte” Goshawk (1-005)	2593	166	6.7
Keen’s Long-eared Myotis (1-001)	29	26	1.0
Subtotal	2622	192	7.7
Total	4,695 *	2491	100.0

* Note the total amount does not include Marbled Murrelet.

The following section is intended to clarify the amount, distribution and attribute statements in the legal Notice.

1) “Queen Charlotte” Goshawk (*Accipiter gentilis laingi*)

Amount:

The amount in the Notice is based on the total area included in 11 proposed “Queen Charlotte” Goshawk wildlife habitat areas. The impact to the mature timber harvesting landbase is based on estimate THLB impacts for the proposed WHAs in TFL 19 and an estimated 43% of the area in mature timber (>60 years) for the remaining proposed WHAs. This estimate is based on the average mature timber harvesting landbase impacts of 10 approved “Queen Charlotte” Goshawk wildlife habitat areas in the North Island-Central Coast Forest District.

Distribution:

Figure 1 shows the locations of the 11 proposed wildlife habitat areas.

2) Marbled Murrelet (*Brachyramphus marmoratus*)

Amount:

The *Marbled Murrelet Letter of Clarification* outlines current policy for the management of Marbled Murrelet nesting habitat; establishment of Old Growth Management Areas, the available portion of the district 1% budget and the non-contributing landbase.

The Notice identifies 1431 ha of mature timber harvesting landbase impact that is to be used to manage suitable nesting habitat. It is anticipated that this amount will address the timber supply

impacts of the 37 proposed wildlife habitat areas within the Campbell River Forest District as well as compliment high quality smaller patches within the non-contributing landbase to provide high quality large polygons.

It is intended that suitable marbled Murrelet nesting habitat within the non-contributing landbase will be identified as per the Marbled Murrelet account in the Identified Wildlife Management Strategy. **Note: More direction is required here.**

Landscape Unit Planning has not been completed for many of the Landscape Units within the Campbell River Forest District. It is intended that forest tenure holders will work to identify old growth management areas that overlap suitable Marbled Murrelet nesting habitat consistent with the Landscape Unit Planning Guidelines and Marbled Murrelet habitat requirements outlined in the species account for Marbled Murrelet in the *Accounts and Measures for Managing Identified Wildlife* (Identified Wildlife Management Strategy Version 2004).

Distribution:

Figure 1 shows the locations of the 37 proposed wildlife habitat areas.

3) Red-legged Frog (*Rana aurora*)

Amount:

The amount in the Notice is based on the anticipated need for 5 future wildlife habitat areas for Red-legged Frog. Information is available from the Ministry of Water, Land and Air Protection. Estimates of mature timber supply impacts are based on estimates provided in the “Estimated Impact of the Identified Wildlife Management Strategy (Version 2004) on Provincial Timber Supply”.

4) Keen’s Long-eared Myotis (*Myotis keenii*)

Amount:

The amount in the Notice is based on the anticipated need for 1 future wildlife habitat areas for Keen’s Long-eared Myotis. Information is available from the Ministry of Water, Land and Air Protection. Estimates of mature timber supply impacts are based on estimates provided in the “Estimated Impact of the Identified Wildlife Management Strategy (Version 2004) on Provincial Timber Supply”.

5) Great Blue Heron (*Ardea herodias fannini*)

Amount:

The amount in the Notice is based on the anticipated need for 2 future wildlife habitat areas for Great Blue Heron. Information is available from the Ministry of Water, Land and Air Protection. Estimates of mature timber supply impacts are based on estimates provided in the “Estimated Impact of the Identified Wildlife Management Strategy (Version 2004) on Provincial Timber Supply”.

6) Coastal Tailed Frog (*Ascaphus truei*)

Amount:

The amount in the Notice is based on the anticipated need for 5 future wildlife habitat areas for Coastal Tailed Frog, on the mainland portion of the Campbell River Forest District. Information is available from the Ministry of Water, Land and Air Protection. Estimates of mature timber supply impacts are based on best available regional data.