

Forest
Service

Northern
Region



Old-growth Habitats and Associated Wildlife Species in the Northern Rocky Mountains

1990

Martin

$200/10,000 = 2\%$

$500 = 5\%$



may 14. 1990

OLD-GROWTH HABITATS
Inventory and Stand Selection

Table 1. Species in the Northern Region (north Idaho, Montana, North Dakota, and South Dakota) thought to prefer old-growth components for breeding or feeding (from Harger 1978).

WILDLIFE SPECIES	STRUCTURAL STAGES		
	Breed	Feed	OPTIMUM COVER TYPE
Great Blue Heron	5-6	1	ASP, COT
109- Northern Goshawk	5-6	3-6	ASP, DF, PP, LPP
109- Great Gray Owl	6	1	LPP, SAF, SP
Flammulated Owl CN	5-6	1-2	PP, DF, GF, LPP
Pygmy Owl CN	5-6	1-6	PP, DF, GF, WL
Saw-whet Owl CN	5-6	1-6	PP, DF, GF, LPP, SAF, SP
Boreal Owl CN	5-6	1-6	PP, ASP, SP, SAF, DF
Barred Owl CN	5-6	3-6	COT, DF, GF
Vaux's Swift	5-6	1-6	ASP, COT, DF, WRC
White-headed Woodpecker CN	4-6	4-6	PP, WWP
✓ Pileated Woodpecker CN	4-6	3-6	COT, PP, WL, GF
Three-Toed Woodpecker CN	4-6	3-6	SAF, WBP
Black-backed Woodpecker CN	4-6	3-6	PP, DF, WWP
Red-naped Sapsucker CN	4-6	1-6	BGA, COT
Williamson's Sapsucker CN	4-6	2-6	PP, WL, GF, SAF, SP
White-breasted Nuthatch CN	4-6	3-6	PP, DF
✓ Red-breasted Nuthatch CN	4-6	3-6	PP, ASP, LPP, SAF, SP
Pygmy Nuthatch CN	4-6	3-6	PP, DF
✓ Brown Creeper CN	4-6	3-6	DF, LPP, SP, SAF
Great Crested Flycatcher	4-6	2-4	BGA, COT
✓ Hermit Thrush	5-6	2-6	GF, WH, WRC, SAF, SP
✓ Varied Thrush	5-6	2-6	WH, WRC, SP
✓ Townsend's Warbler	4-6	2-6	ASP, COT, PP, DF
Silver-haired Bat CN	3-6	1-3	PP, DF, WRC, SP
Long-eared Bat CN	4-6	1-6	PP, DF, GF
Long-legged Myotis	4-6	1-6	LPP, SAF, SP
California Myotis	4-6	1-6	BGA, COT, PP, JPU
109- ✓ Fisher	5-6	3-6	ASP, COT, PP, DF, WWP
109- Marten	5-6	2-6	LPP, SAF, SP, WRC
Wolverine	3-6	1-6	SAF, WBP
Woodland Caribou	5-6	5-6	SAF, SP, WH, WBP
109- Boreal Red-back Vole	4-6	4-6	SAF
Northern Flying Squirrel CN	5-6	5-6	ASP, COT, DF, WWP, SAF

Structural Stages: 1=Grass/Forb, 2=Shrub/Seedling, 3=Pole Trees, 4=Young Trees, 5=Mature Trees, 6=Old-Growth

Cover Types: ASP=Aspen, BGA=Birch/Green Ash, COT=Cottonwood, DF=Douglas-fir, GF=Grand Fir, JPU=Juniper, LPP=Lodgepole Pine, LP=Limber Pine, PP=Ponderosa Pine, SAF=Subalpine Fir, SP=Spruce, WH=Western Hemlock, WL=Western Larch, WRC=Western Redcedar, WWP=Western White Pine, WBP=Whitebark Pine