

KLAMATH NATIONAL FOREST MANAGEMENT INDICATOR SPECIES (MIS)

Project Level Assessment Part I of II - Checklist

Project Name: Mt. Ashland Habitat Promotion and Fuels Reduction Project

Reviewer: David Johnson (Wildlife Biologist);
Brian Thomas (Fisheries Biologist)

Date: 7/10/2007

The Klamath National Forest identified the following six species associations and 26 species (white-headed woodpecker is listed under two different associations) as management indicators to assess landscape and project-level impacts to habitat conditions (LRMP 4-39). Rationale for designation of these MIS is found in the EIS for the Klamath National Forest Land and Resource Management Plan (1995) and on the "LRMP MIS Selection Summary" located in the project file. Completion of this checklist certifies that all project level MIS have been considered for the proposed actions.

MIS		Habitat* is not in or adjacent to the treatment area** and is not affected by the project	Habitat* is in or adjacent to the treatment area** but is not directly or indirectly affected by the project activities (needs rationale).	Habitat* potentially affected by project activities (proceed to Part II)	Habitat removed by project activities (based on analysis in Part II)
Common Name	Scientific Name				
Hardwood Species Association					
Acorn woodpecker	<i>Melanerpes formicivorus</i>	No habitat: 2004-2005 field review, www.prbo.org/calpif/htmldocs; Cornell lab of ornithology-www.birds.cornell.edu		0 acres	N/A
Western gray squirrel	<i>Sciurus griseus</i>		habitat limited to portions of units 423 and 297. Protected by RRs and PDFs that retain all hardwoods.	0 acres	N/A
River/Stream Species Association					
Rainbow trout	<i>Oncorhynchus mykiss</i>			18.35 miles	0 miles
Steelhead	<i>Oncorhynchus mykiss</i>			9.5 miles	0 miles
Tailed frog	<i>Ascaphus truei</i>		Habitat is restricted to perennial streams with dense vegetation Habitat protected by RR	streams where riparian habitat will be underburned and where temporary roads are proposed in RRs	Approximately 2 acres of RR habitat expected to be removed with road construction and decommissioning and short term stream diversion

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Cascades frog	<i>Rana cascade</i>		Project area outside of known range; habitat suitable for reproduction limited to small pond adjacent to units 478 and 423; habitat protected by RRs	streams in project area are not suitable habitat, pond habitat will not be affected	0 acres
American dipper	<i>Cynclus platensis</i>			45.3 miles	Approximately 2 acres of RR habitat expected to be removed with road construction and decommissioning
Northern water shrew	<i>Sorex palustris</i>			2 acres of RR habitat from road construction and decommissioning and approximately 206 acres of RR from underburning	2 acres of RR habitat removed
Long-tailed vole	<i>Microtus longicaudus</i>			2 acres of RR habitat from road construction and decommissioning and	2 acres of RR habitat removed
Marsh/Lake/Pond Species Association					
Northern red-legged frog	<i>Rana aurora aurora</i>		Suitable habitat limited to small pond adjacent to units 478 and 423; habitat protected by RRs	approximately 5 acres of terrestrial habitat surrounding the pond	0 acres
Western pond turtle	<i>Clemmys marmorata</i>		Suitable habitat limited to small pond adjacent to units 478 and 423; habitat protected by RRs	approximately 5 acres of terrestrial habitat surrounding the pond	0 acres

Snag Species Association

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Red-breasted sapsucker	<i>Sphyrapicus ruber</i>			approximately 4500 acres in 252 stands	10 acres from temporary road construction, also individual trees suitable for nesting and foraging will be removed during thinning, and fuels reduction treatments
Hairy woodpecker	<i>Picoides villosus</i>			approximately 200 acres in 15 units	0 acres removed, individual trees potentially used for nesting or foraging may be removed during temporary road construction and DFPZ thinning
White-headed woodpecker	<i>Picoides albolarvatus</i>			approximately 200 acres in 15 units	0 acres removed, individual trees potentially used for nesting or foraging may be removed during DFPZ thinning

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Vaux's swift	<i>Chaetura vuaxi</i>			approximately 200 acres in 15 units	0 acres removed, individual trees potential used for nesting, roosting, or foraging may be removed during temporary road construction and DFPZ thinning
Downy woodpecker	<i>Picoides pubescens</i>	generally occurs in open deciduous forests, especially riparian, woodlands. Accepts orchards and wooded, human-modified habitats such as urban and suburban parks and residential areas.			N/A
Pileated woodpecker	<i>Dryocopus Pileatus</i>			approximately 200 acres in 15 units	0 acres removed, individual trees potential used for nesting or foraging may be removed during temporary road construction and DFPZ thinning

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Black-backed woodpecker	<i>Picoides arcticus</i>			approximately 4500 acres in 252 stands	depending upon presence of beetles up to 10 acres from temporary road construction, also individual trees suitable for nesting and foraging will be removed during thinning, and fuels reduction treatments
Grassland/Shrub-Steppe Species Association (BVNG)					
Pronghorn	<i>Antilocarpa americana</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Montane vole	<i>Microtus montanus</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Loggerhead shrike	<i>Lanius Ludovicianus</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Swainson's hawk	<i>Buteo swainsoni</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Sage thrasher	<i>Oreoscoptes montanus</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Burrowing owl	<i>Athene cunicularia</i>	No grassland/shrub-steppe habitat		0 acres	N/A
Mature Ponderosa Pine Species Association (Eastside Pine)					
Flammulated owl	<i>Otus flammeolus</i>	No eastside pine habitat		0 acres	N/A
White-headed woodpecker	<i>Picoides albolarvatus</i>	No eastside pine habitat		0 acres	N/A
Pinyon jay	<i>Gymnorhinus cyanocephalius</i>	No eastside pine habitat		0 acres	N/A

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**"Habitat" as defined in the Klamath LRMP, and supplemented by the California Wildlife Habitat Relationships System (CDFG).*

*** "treatment area" is defined as the specific locations (units, roads, etc) where project activities will occur*

Note: Habitat associations that are not directly or indirectly affected by project activities are not discussed in detail in Part II