

APPENDIX C - TABLE 1

MANAGEMENT INDICATOR SPECIES

Management Indicator Species	Habitat the Species is Representing as a Management Indicator	Habitat Present in Analysis Area/Potential in Analysis Area	Documented or Suspected in Analysis Area	Regional Population Trend*	Habitat Trend#	Expected Changes from Project Implementation				
						Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
Chestnut-sided warbler <i>Dendroica pensylvanica</i>	Regeneration–age Northern Hardwood/Mixedwood	Yes	Yes	Declining	Declining	Suitable habitat decreased via succession by 71 acres	Suitable habitat increased by 55 acres	Suitable habitat increased by 55 acres	Creation of 11 acres of marginal habitat.	Suitable habitat increased by 55 acres
Northern Goshawk <i>Accipiter gentilis</i>	Mature and Overmature Northern Hardwood/Mixedwood	Yes	Suspect	Uncommon but Stable	Mature and overmature hardwood age class increasing in acres	No change	Eliminates nesting habitat on 55 acres.	Eliminates nesting habitat on 40 acres.	Eliminates nesting habitat on about 11 acres.	Eliminates nesting habitat on 55 acres.
Broad-winged Hawk <i>Buteo platynerus</i>	Mature and Overmature Paper Birch and Aspen	Yes	Suspect	Stable	Mature age class decreasing; overmature age class somewhat stable	Suitable nesting habitat decreased by 48 acres	Suitable nesting habitat decreased by 11 acres with creation of 11 acres of future nesting habitat	Suitable nesting habitat decreased by 11 acres with creation of 11 acres of future nesting habitat	Suitable nesting habitat decreased by 48 acres	Suitable nesting habitat decreased by 11 acres with creation of 11 acres of future nesting habitat
Ruffed Grouse <i>Bonasa umbellus</i>	All Ages of Aspen and Regeneration and Young Paper Birch	Yes	Suspect	Declining or uncertain	Paper birch & aspen regen decreasing Young age classes increasing	Suitable habitat decreased by 48 acres	Creation of 11 acres of paper birch habitat.	Creation of 11 acres of paper birch habitat.	Suitable habitat decreased by 48 acres	Creation of 11 acres of paper birch habitat.
Rufous-sided Towhee <i>Pipilo erythrophthalmus</i>	Regeneration of Young Oak or Oak/Pine	No/Yes	No	Declining	Decreasing	No change	Creation of 15 acres of suitable habitat.	Creation of 15 acres of suitable habitat.	May create 3 acres of marginal habitat.	Creation of 15 acres of suitable habitat.
Gray Squirrel <i>Sciurus carolinensis</i>	Mature and Overmature Oak or Oak/Pine	Yes	Suspect	Stable	Stable	No change	Decrease of habitat on 15 acres and creation of future habitat on 15 acres.	Decrease of habitat on 15 acres and creation of future habitat on 15 acres.	Decrease of habitat on 3 acres.	Decrease of habitat on 15 acres and creation of future habitat on 15 acres.
Northern Junco <i>Junco hyemalis</i>	Regeneration and Young Pine	No/Yes	Suspect (does utilize other habitats).	Slight decline	Decreasing	No change	No change	No change	No change	No change
Pine Warbler <i>Dendroica pinus</i>	Mature and Overmature Pine	No/Yes	No	Increasing	Stable	No change	No change	No change	No change	No change
White-tailed Deer <i>Odocoileus virginianus</i>	All Ages Hemlock during deep-snow winters.	No/No	Suspect (does utilize other habitats).	Stable	Stable to decreasing	N/A	N/A	N/A	N/A	N/A

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Snowshoe Hare <i>Lepus americanus</i>	Regeneration of Young Spruce, Spruce/Fir and Fir	Yes, but primarily outside project area	Suspect: have seen evidence of presence in analysis area.	Stable to increasing	Decreasing	No change	Increase softwood regeneration on 32 acres	Increase softwood regeneration on 32 acres	Increase softwood regeneration on 32 acres	No change
Cape May Warbler <i>Dendroica tigrina</i>	Mature and Overmature Spruce, Spruce/Fir and Fir	Yes, but primarily outside project area	No	Stable/fluctuate with spruce budworm outbreaks	Increasing	No change	Increases future softwood on 32 acres	Increases future softwood on 32 acres	Increases future softwood on 32 acres	No change
Eastern Kingbird <i>Tyrannus tyrannus</i>	Upland Openings – Grass, Forb, Orchard	Minimal; beaver pond may act as opening	Kingbirds are suspected at the beaver pond.	Declining	Stable to decreasing	No change	No change	No change	No change	No change
Eastern Bluebird <i>Sialia sialis</i>										
Mourning Warbler <i>Oporornis philadelphia</i>	Upland Openings-Shrub	Yes	No	Stable	Decreasing	Suitable habitat decreased via succession by 71 acres	Suitable habitat increased by 55 acres	Suitable habitat increased by 55 acres	Creation of 3 acres of marginal habitat.	Suitable habitat increased by 55 acres
Black Duck <i>Anas rubripes</i>	Wetlands and Water	Yes	Suspect at beaver pond	Declining	Fluctuates with beaver activity	No change	No change	No change	No change	No change
Brook Trout <i>Salvelinus fontinalis</i>	Permanent Lakes, Ponds, Streams	Yes	Yes	Stable	Stable	No change	No change	No change	No change	No change
Peregrine Falcon <i>Falco peregrinus</i>	Cliffs and Talus	Marginal	No: Cliffs appear marginal for peregrine activity.	Increasing	Stable	N/A	N/A	N/A	N/A	N/A
American Marten <i>Martes americana</i>	Forest that is 30+’ tall with at least 80 ft² of basal area	Yes	No	Increasing	Increasing	No change	Decreases habitat on 298 acres via reduction of basal area.	Decreases habitat on 298 acres via reduction of basal area.	No change	Decreases habitat on 95 acres via reduction of basal area.
Osprey <i>Pandion haliaetus</i>	Large water bodies	No/No	No	Increasing	Stable	N/A	N/A	N/A	N/A	N/A
Common Loon <i>Gavia immer</i>	Large water bodies	No/No	No	Increasing	Stable	N/A	N/A	N/A	N/A	N/A
Sunapee Trout <i>Salvelinus aureolus</i>	Deep cold water bodies with shallow gravel bars	No/No	No	Considered extirpated from WMNF	Stable	N/A	N/A	N/A	N/A	N/A

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Robbin's Cinquefoil <i>Potentilla robbinsiana</i>	Alpine	No/No	No	Stable/Increasing; Delisted in 2002	Stable	N/A	N/A	N/A	N/A	N/A
Canada Lynx <i>Lynx canadensis</i>	Dense softwoods	Yes, but only parts of units 5 and 11.	No	Considered Extirpated from WMNF	Increasing	No change	Increase softwood component in Units 5 and 11	Increase softwood component in Units 5 and 11	Increase softwood component in Unit 5	No change
Gray-cheeked Thrush (now Bicknell's Thrush) <i>Catharus bicknelli</i> Blackpoll Warbler <i>Dendroica striata</i>	High elevation spruce/fir	No/No	No	Declining Stable?/fluctuate with spruce budworm outbreaks	Stable	N/A	N/A	N/A	N/A	N/A

NA Not Applicable as the habitat is not present nor expected in the analysis area.

* USDA Forest Service. 2001. Evaluation of Wildlife Monitoring and Population Viability WMNF Management Indicator Species. White Mountain National Forest, Laconia, NH.

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