

APPENDIX C.

Species of herpetiles in order of number of individuals observed from most to least by state status/rank.

Species Name	Scientific Name	State Status/Rank
Snapping Turtle	<i>Chelydra serpentina</i>	S5
Painted Turtle	<i>Chrysemys picta</i>	S5
Common Gartersnake	<i>Thamnophis sirtalis</i>	S5
Northern Dusky Salamander	<i>Desmognathus fuscus</i>	S4
Northern Two-lined Salamander	<i>Eurycea bislineata</i>	S5
Eastern Newt	<i>Notophthalmus viridescens</i>	S5
Eastern Red-backed Salamander	<i>Plethodon cinereus</i>	S5
American Toad	<i>Bufo americanus</i>	S5
Gray Treefrog	<i>Hyla versicolor</i>	S5
Spring Peeper	<i>Pseudacris crucifer</i>	S5
American Bullfrog	<i>Rana catesbeiana</i>	S5
Green Frog	<i>Rana clamitans</i>	S5
Wood Frog	<i>Rana sylvatica</i>	S5

Amphibian/Reptile Survey Methods:

Survey for amphibians and reptiles was purposefully biased toward sampling known habitats. Habitats were determined through natural community delineation according to Thompson and Sorenson (2001) criteria.

Night Time Road Searches

Eight hours were spent in early June 2001 driving ½ mile of paved road and ½ mile of dirt road on warm, rainy nights within Gale Meadows WMA. Amphibians found were captured, photographed, and released.

Active Searches

Active searches were used to find amphibians and reptiles during June, July, and August 2001. Sites were visited five days in June, ten days in July, and seven days in August. Eight different natural communities were searched and microhabitats found therein were closely examined. Individuals found were caught and photographed.

Forex Inventory Plots

A total of 16 – 26.4 feet radius plots were taken in two days to assess forest ecology on the higher elevations of the property. Plots were located on transect lines based on a 10-chain grid. All microhabitats within the plot were examined and captures were photographed.

Results of Avian Forest Bird Surveys at Gale Meadows Wildlife Management Area in May and June 2003

BIRD SPECIES	Point					
	1	2	3	4	5	6
WOOD WARBLERS: PARULIDAE						
American Redstart (<i>Setophaga ruticilla</i>)		X	X	X	X	X
Black-and-White Warbler (<i>Mniotilta varia</i>)	X	X	X	X	X	X
Black-throated Blue Warbler (<i>Dendroica caerulescens</i>)		X	X	X	X	X
Black-throated Green Warbler (<i>Dendroica virens</i>)	X	X	X	X	X	X
Blackburnian Warbler (<i>Dendroica fusca</i>)		X	X	X	X	X
Chestnut –sided Warbler (<i>Dendroica pensylvanica</i>)		X	X		X	X
Common Yellowthroat (<i>Geothlypis trichas</i>)	X	X	X			X
Magnolia Warbler (<i>Dendroica magnolia</i>)			X		X	X
Northern Parula Warbler (<i>Parula americana</i>)			X			X
Northern Waterthrush (<i>Seiurus noveboracensis</i>)						X
Ovenbird (<i>Seiurus auricapillus</i>)	X	X	X	X	X	X
Pine Warbler (<i>Dendroica pinus</i>)		X			X	
Yellow-rumped Warbler (<i>Dendroica coronata</i>)	X	X	X	X	X	X
Yellow Warbler (<i>Dendroica petechia</i>)				X		
THRUSHES: TURDIDAE						
American Robin (<i>Turdus migratorius</i>)	X		X	X	X	X
Hermit Thrush (<i>Catharus guttatus</i>)		X	X	X	X	X
Veery (<i>Catharus fuscescens</i>)			X	X		X
Wood Thrush (<i>Hylocichla mustelina</i>)				X		X
CREEPERS: CERCITIIDAE						
Brown Creeper (<i>Certhia americana</i>)		X	X	X	X	X
NUTHATCHES: SITTIDAE						
Red-breasted Nuthatch (<i>Sitta canadensis</i>)		X	X	X	X	X
White-breasted Nuthatch (<i>Sitta carolinensis</i>)		X	X	X		X
JAYS, CROWS: CORVIDAE						
American Crow (<i>Corvus brachyrhynchos</i>)	X	X	X	X	X	X
Common Raven (<i>Crovis corax</i>)	X			X	X	X
Blue Jay (<i>Cyanocitta cristata</i>)	X				X	
TITMICE: PARIDAE						
Black-capped Chickadee (<i>Parus atricapillus</i>)	X	X	X	X	X	X
FLYCATCHERS: TYRANNIDAE						
Eastern Kingbird (<i>Tyrannus tyrannus</i>)	X					
Eastern Wood Pewee (<i>Contopus virens</i>)			X	X	X	X
Great-crested Flycatcher (<i>Myiarchus crinitus</i>)			X	X	X	
Least Flycatcher (<i>Empidonax minimus</i>)	X	X	X	X	X	X
FINCHES, ETC. FRINGILLIDAE						
American Goldfinch (<i>Carduelis tristis</i>)	X					
Chipping Sparrow (<i>Spizella passerina</i>)	X					
Evening Grosbeak (<i>Pheucticus chrysopheplus</i>)				X		
Purple Finch (<i>Carpodacus purpureus</i>)			X	X		
Rose-breasted Grosbeak (<i>Pheucticus ludovicianus</i>)			X	X		X
White-throated Sparrow (<i>Zonotrichia querula</i>)	X					
Cedar Waxwing (<i>Bombycilla cedrorum</i>)	X					
VIREOS: VIREONIDAE						
Red-eyed Vireo (<i>Vireo olivaceus</i>)		X	X	X		X
Blue-headed Vireo (<i>Vireo solitarius</i>)		X	X	X	X	X
BLACKBIRDS, ETC.: ICTERIDAE						
Common Grackle (<i>Quiscalus quiscula</i>)	X				X	
Red-winged Blackbird (<i>Agelaius phoeniceus</i>)	X				X	

BIRD SPECIES	Point					
	1	2	3	4	5	6
TANAGER: THRAUPIDAE						
Scarlet Tanager (<i>Piranga olivacea</i>)			X	X		X
WREN: TROGLODYTIDAE						
Winter Wren (<i>Troglodytes troglodytes</i>)	X	X	X	X	X	X
KINGLETS: SYLVIIDAE						
Ruby-crowned Kinglet (<i>Regulus calendula</i>)		X	X		X	
WOODPECKERS: PICIDAE						
Downy Woodpecker (<i>Picoides pubescens</i>)			X	X	X	X
Hairy Woodpecker (<i>Picoides villosus</i>)				X	X	
Piliated Woodpecker (<i>Dryocopus pileatus</i>)		X			X	X
Yellow-bellied Sapsucker (<i>Sphyrapicus varius</i>)					X	X
Common Flicker (<i>Colaptes auratus</i>)					X	
BUTEO: BUTONINAE						
Broad-winged Hawk (<i>Buteo platypterus</i>)						X
OWLS: STRIGIDAE						
Barred Owl (<i>Strix varia</i>)					X	
Saw-whet Owl (<i>Aegolius acadicus</i>)					X	
Total # of species detected	19	22	30	30	33	33

Point 1: House

Point 2: Pine mix

Point 3: Deciduous mix

Point 4: Deciduous mix

Point 5: Deciduous – Swamp mix

Point 6: Mature Maple-Deciduous Mix