



# Appendix I. Fish and Wildlife Species

**Table I-1. Status of Wildlife Species Present on the Sundance FMA Area**

Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
<b>Mammals</b>				
Arctic Shrew	<i>Sorex arcticus</i>		Secure	Secure
Beaver	<i>Castor canadensis</i>		Secure	Secure
Big Brown Bat	<i>Eptesicus fuscus</i>		Secure	Secure
Bighorn Sheep	<i>Ovis canadensis</i>		Secure	Secure
Black bear	<i>Ursus americanus</i>		Secure	Secure
Bushy Tailed Woodrat	<i>Neotoma cinerea</i>		Secure	Secure
Canada Lynx	<i>Lynx canadensis</i>	Not at Risk	Sensitive	Sensitive
Columbian Ground Squirrel	<i>Spermophilus columbianus</i>		Secure	Secure
Cougar	<i>Felis concolor</i>		Sensitive	Secure
Coyote	<i>Canis latrans</i>		Secure	Secure
Dusky Shrew	<i>Sorex monticolus</i>		Secure	Secure
Elk (wapiti)	<i>Cervus elaphus</i>		Secure	Secure
Ermine	<i>Mustela erminea</i>		Secure	Secure
Fisher	<i>Martes pennanti</i>		Sensitive	Sensitive
Golden-mantled Ground Squirrel	<i>Spermophilus lateralis</i>		Secure	Secure
Grizzly Bear	<i>Ursus arctos</i>	Special Concern	may be at risk	may be at risk
Hare	<i>Lepus americanus</i>		Secure	Secure
Heather Vole	<i>Phenacomys intermedius</i>		Secure	Secure
Hoary Bat	<i>Lasiurus cinereus</i>		Secure	Sensitive
Hoary Marmot	<i>Marmota caligata</i>		Secure	Secure
Least Chipmunk	<i>Tamias minimus</i>		Secure	Secure
Least Weasel	<i>Mustela nivalis</i>		Secure	Secure
Little Brown Bat	<i>Myotis lucifugus</i>		Secure	Secure
Long-eared Bat	<i>Myotis evotis</i>		Secure	Secure
Long-legged Bat	<i>Myotis volans</i>		Undetermined	Undetermined
Long-tailed Vole	<i>Microtus longicaudus</i>		Secure	Secure
Long-tailed Weasel	<i>Mustela frenata</i>	Not at Risk	may be at risk	may be at risk
Marten	<i>Martes americana</i>		Secure	Secure
Masked Shrew	<i>Sorex cinereus</i>		Secure	Secure
Meadow Jumping Mouse	<i>Zapus hudsonius</i>		Secure	Secure
Mink	<i>Mustela vison</i>		Secure	Secure
Moose	<i>Alces alces</i>		Secure	Secure
Mule Deer	<i>Odocoileus hemionus</i>		Secure	Secure
Muskrat	<i>Ondatra zibethicus</i>		Secure	Secure
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>		Secure	Secure
Northern long-eared Bat	<i>Myotis septentrionalis</i>		may be at risk	may be at risk
Pika	<i>Ochotona princeps</i>		Secure	Secure
Porcupine	<i>Erithizon dorsatum</i>		Secure	Secure
Pygmy Shrew	<i>Sorex hoyi</i>		Secure	Secure

Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
Red Squirrel	<i>Tamiasciurus hudsonicus</i>		Secure	Secure
River Otter	<i>Lutra canadensis</i>		Secure	Secure
Red backed Vole	<i>Clethrionomys gapperi</i>		Secure	Secure
Red Fox	<i>Vulpes vulpes</i>		Secure	Secure
Silver-haired Bat	<i>Lasiurus noctivagans</i>		Secure	Sensitive
Southern Red-backed Vole	<i>Clethrionomys gapperi</i>		Secure	Secure
Striped Skunk	<i>Mephitis mephitis</i>		Secure	Secure
Thirteen lined Ground Squirrel	<i>Spermophilus tridecemlineatus</i>		Undetermined	Undetermined
Water Shrew	<i>Sorex palustris</i>		Secure	Secure
Water Vole	<i>Microtus richardsoni</i>		Sensitive	Sensitive
Western jumping Mouse	<i>Zapus princeps</i>		Secure	Secure
White-tailed Deer	<i>Odocoileus virginianus</i>		Secure	Secure
Wolf	<i>Canis lupus</i>	Not at Risk	Secure	Secure
Wolverine	<i>Gulo gulo</i>	Special Concern	may be at risk	may be at risk
Woodchuck	<i>Marmota monax</i>		Secure	Secure
<b>Birds</b>				
Alder Flycatcher	<i>Empidonax alhorum</i>		Secure	Secure
American Avocet	<i>Recurvirostra americana</i>		Secure	Secure
American Bittern	<i>Botaurus lentiginosus</i>		Sensitive	Sensitive
American Coot	<i>Fulica americana</i>	Not at risk	Secure	Secure
American Crow	<i>Corvus brachyrhynchos</i>		Secure	Secure
American Dipper	<i>Cinclus mexicanus</i>		Secure	Secure
American Goldfinch	<i>Carduelis tristis</i>		Secure	Secure
American Green-winged Teal	<i>Anas crecca</i>		Secure	Sensitive
American Kestrel	<i>Falco sparverius</i>		Secure	Secure
American Pipet	<i>Anthus rubescens</i>		Secure	Secure
American Redstart	<i>Setophaga ruticilla</i>		Secure	Secure
American Robin	<i>Turdus migratorius</i>		Secure	Secure
American Widgeon	<i>Anas americana</i>		Secure	Secure
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Not at risk	Sensitive	Sensitive
Bank Swallow	<i>Riparia riparia</i>		Secure	Secure
Barn Swallow	<i>Hirundo rustica</i>		Secure	Sensitive
Barred Owl	<i>Strix varia</i>		Sensitive	Sensitive
Barrow's Goldeneye	<i>Bucephala islandica</i>		Secure	Secure
Belted Kingfisher	<i>Ceryle alcyon</i>		Secure	Secure
Black and white Warbler	<i>Mniotilta varia</i>		Secure	Secure
Black Tern	<i>Chlidonias niger</i>	Not at risk	Secure	Secure
Black-backed Woodpecker	<i>Picoides arcticus</i>		Sensitive	Sensitive
Black-billed Magpie	<i>Pica hudsonia</i>		Secure	Secure
Black-capped Chickadee	<i>Poecile atricapilla</i>		Secure	Secure
Blackpoll Warbler	<i>Dendroica striata</i>		Secure	Secure
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>		Accidental/vagrant	Accidental/vagrant
Black-throated Green Warbler	<i>Dendroica virens</i>		Sensitive	Sensitive
Blue Grouse	<i>Dendragapus obscurus</i>		Secure	Secure
Blue Jay	<i>Cyanocitta cristata</i>		Secure	Secure



Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
Blue-headed Vireo	<i>Vireo solitarius</i>		Secure	Secure
Blue-winged Teal	<i>Anas discors</i>		Secure	Secure
Bohemian Waxwing	<i>Bombycilla garrulus</i>		Secure	Secure
Bonaparte's Gull	<i>Larus philidelphia</i>		Secure	Secure
Boreal Chickadee	<i>Poecile Hudsonica</i>		Secure	Secure
Boreal Owl	<i>Aegolius funereus</i>	Not at risk	Secure	Secure
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>		Secure	Secure
Brewer's Sparrow	<i>Spizella brewerii</i>		Sensitive	Sensitive
Broad-winged Hawk	<i>Buteo platypterus</i>		Sensitive	Sensitive
Brown Creeper	<i>Certhia americana</i>		Secure	Sensitive
Brown-headed Cowbird	<i>Molothrus ater</i>		Secure	Secure
Bufflehead	<i>Bucephala albeola</i>		Secure	Secure
Bullock's Oriole	<i>Icterus bullockii</i>		Undetermined	Undetermined
California Gull	<i>Larus californicus</i>		Secure	Secure
Canada Goose	<i>Branta canadensis</i>		Secure	Secure
Canada Warbler	<i>Wilsonia canadensis</i>		Sensitive	Sensitive
Canvasback	<i>Aythya valisneria</i>		Secure	Secure
Cape May Warbler	<i>Dendroica tigrina</i>		Sensitive	Sensitive
Cedar Waxwing	<i>Bombycilla cedrorum</i>		Secure	Secure
Chipping Sparrow	<i>Spizella passerina</i>		Secure	Secure
Cinnamon Teal	<i>anas cynoptera</i>		Secure	Secure
Clark's Nutcracker	<i>Nucifraga columbiana</i>		Secure	Sensitive
Clay-coloured Sparrow	<i>Spizella pallida</i>		Secure	Secure
Cliff Swallow	<i>Petrichelidon pyrrhonota</i>		Secure	Secure
Common Goldeneye	<i>Bucephala clangula</i>		Secure	Secure
Common Grackle	<i>Quiscalus quiscula</i>		Secure	Secure
Common Loon	<i>Gavia immer</i>	Not at risk	Secure	Secure
Common Merganser	<i>Mergus merganser</i>		Secure	Secure
Common Nighthawk	<i>Chordeiles minor</i>		Sensitive	Sensitive
Common Raven	<i>Corvus corax</i>		Secure	Secure
Common Redpoll	<i>Carduelis flammaea</i>		Secure	Secure
Common Snipe	<i>Gallinago gallinago</i>		Secure	Secure
Common Tern	<i>Sterna hirundo</i>	Not at risk	Secure	Secure
Common Yellowthroat	<i>Geothlypis trichas</i>		Secure	Sensitive
Connecticut Warbler	<i>Oporornis agilis</i>		Secure	Secure
Cooper's Hawk	<i>Accipiter cooperii</i>	Not at risk	Secure	Secure
Cordilleran Flycatcher	<i>Empidonax difficilis</i>		Undetermined	Undetermined
Dark-eyed Junco	<i>Junco hyemalis</i>		Secure	Secure
Downy Woodpecker	<i>Picoides pubescens</i>		Secure	Secure
Dusky Flycatcher	<i>Empidonax oberholseri</i>		Secure	Secure
Eared Grebe	<i>Podiceps nigricollis</i>		Secure	Secure
Eastern Kingbird	<i>Tyrannus tyrannus</i>		Secure	Secure
Eastern Phoebe	<i>Sayornis phoebe</i>		Secure	Sensitive
European Starling	<i>Sturnus vulgaris</i>		exotic/alien	exotic/alien
Evening Grosbeak	<i>Coccothraustes vespertinus</i>		Secure	Secure

Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
Fox Sparrow	<i>Passerella iliaca</i>		Secure	Secure
Franklin's Gull	<i>Larus pipixcan</i>		Secure	Secure
Gadwall	<i>Anas strepera</i>		Secure	Secure
Golden Eagle	<i>Aquila chrysaetos</i>	Not at risk	Sensitive	Sensitive
Golden-crowned Kinglet	<i>Regulus satrapa</i>		Secure	Secure
Golden-crowned Sparrow	<i>Zonotrichia altricapilla</i>		Secure	Secure
Gray Jay	<i>Perisoreus canadensis</i>		Secure	Secure
Great Blue Heron	<i>Ardea herodias</i>		Sensitive	Sensitive
Great Grey Owl	<i>Strix nebulosa</i>	Not at risk	Sensitive	Sensitive
Great Horned Owl	<i>Bubo virginianus</i>		Secure	Secure
Greater Scaup	<i>Aythya marila</i>		Secure	Secure
Greater Yellowlegs	<i>Tringa melanoleuca</i>		Secure	Secure
Hairy Woodpecker	<i>Picoides villosus</i>		Secure	Secure
Harlequin Duck	<i>Histrionicus histrionicus</i>		Sensitive	Sensitive
Hermit Thrush	<i>Catharus guttatus</i>		Secure	Secure
Hoary Redpoll	<i>Carduelis hornemanni</i>		Secure	Secure
Hooded Merganser	<i>Lophodytes cucullatus</i>		Secure	Secure
Horned Grebe	<i>Podiceps auritus</i>		Sensitive	Sensitive
Horned Lark	<i>Eremophila alpestris</i>		Secure	Secure
House Sparrow	<i>Passer domesticus</i>		exotic/alien	exotic/alien
House Wren	<i>Troglodytes aedon</i>		Secure	Secure
Killdeer	<i>Charadrius vociferus</i>		Secure	Secure
Le Conte's Sparrow	<i>Ammodramus leconteii</i>		Secure	Secure
Least Flycatcher	<i>Empidonax minimus</i>		Secure	Sensitive
Lesser Scaup	<i>Aythya affinis</i>		Secure	Sensitive
Lesser Yellowlegs	<i>Tringa flavipes</i>		Secure	Secure
Lincoln's Sparrow	<i>Melospiza lincolnii</i>		Secure	Secure
Long-eared Owl	<i>Asio otus</i>		Secure	Secure
Magnolia Warbler	<i>Dendroica magnolia</i>		Secure	Secure
Mallard	<i>Anas platyrhynchos</i>		Secure	Secure
Merlin	<i>Falco columbarius</i>	Not at risk	Secure	Secure
Mountain Bluebird	<i>Sialia currucoides</i>		Secure	Secure
Mountain Chickadee	<i>Poecile gambelli</i>		Secure	Secure
Mourning Warbler	<i>Oporornis philadelphia</i>		Secure	Secure
Northern Flicker	<i>Colaptes auratus</i>		Secure	Secure
Northern Goshawk	<i>Accipiter gentilis</i>	Not at risk	Sensitive	Sensitive
Northern Harrier	<i>Circus cyaneus</i>	Not at risk	Secure	Sensitive
Northern Hawk Owl	<i>Surnia ulula</i>	Not at risk	Secure	Secure
Northern Pintail	<i>Anas acuta</i>		Secure	Sensitive
Northern Pygmy Owl	<i>Glaucidium gnoma</i>		Sensitive	Sensitive
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>		Secure	Secure
Northern Saw-whet Owl	<i>Aegolius acadicus</i>		Secure	Secure
Northern Shoveler	<i>Anas clypeata</i>		Secure	Secure
Northern Shrike	<i>Lanius excubitor</i>		Secure	Secure
Northern Three Toed Woodpecker	<i>Picoides tridactylus</i>		Secure	Secure
Northern Waterthrush	<i>Seiurus noveboracensis</i>		Secure	Secure



Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
Olive-sided Flycatcher	<i>Contopus cooperi</i>		secure	secure
Orange-crowned Warbler	<i>Vermivora celata</i>		secure	secure
Osprey	<i>Pandion haliaetus</i>		sensitive	sensitive
Ovenbird	<i>Seiurus aurocapillus</i>		secure	secure
Palm Warbler	<i>Dendroica palmarum</i>		secure	secure
Peregrine Falcon	<i>Falco peregrinus</i>	Threatened	at risk	at risk
Philadelphia Vireo	<i>Vireo philadelphicus</i>		secure	secure
Pied-billed Grebe	<i>Podilymbus podiceps</i>		sensitive	sensitive
Pileated Woodpecker	<i>Dryocopus pileatus</i>		sensitive	sensitive
Pine Grosbeak	<i>Pinicola enucleator</i>		secure	secure
Pine Siskin	<i>Carduelis pinus</i>		secure	secure
Purple Finch	<i>Carpodacus purpureus</i>		secure	secure
Red Crossbill	<i>Loxia curvirosta</i>		secure	secure
Red-breasted Nuthatch	<i>Sitta canadensis</i>		secure	secure
Red-eyed Vireo	<i>Vireo olivaceus</i>		secure	secure
Redhead	<i>Aythya americana</i>		secure	secure
Red-necked Grebe	<i>Podiceps grisegna</i>	Not at risk	secure	secure
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Not at risk	secure	secure
Red-winged Blackbird	<i>Agelaius phoeniceus</i>		secure	secure
Ring-billed Gull	<i>Larus delawarensis</i>		secure	secure
Ring-necked Duck	<i>Aythya collaris</i>		secure	secure
Rock Dove	<i>Columba livia</i>		exotic/alien	exotic/alien
Rock Wren	<i>Salpinctes obsoletus</i>		Secure	Secure
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>		secure	secure
Rough Legged Hawk	<i>Buteo lagopus</i>		Secure	Secure
Ruby-crowned Kinglet	<i>Regulus calendula</i>		Secure	Secure
Ruby-throated Hummingbird	<i>Archilochus colubris</i>		Secure	Secure
Ruddy Duck	<i>Oxyura jamaicensis</i>		Secure	Secure
Ruffed Grouse	<i>Bonasa umbellus</i>		Secure	Secure
Rufous Hummingbird	<i>Selaphorus rufus</i>		Secure	Secure
Rusty Blackbird	<i>Euphagus carolinus</i>		Secure	Secure
Sandhill Crane	<i>Grus canadensis</i>		Sensitive	Sensitive
Savannah Sparrow	<i>Passerculus sandwichensis</i>		Secure	Secure
Say's Pheobe	<i>Sayornis saya</i>		Secure	Secure
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Not at risk	Secure	Secure
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>		Sensitive	Sensitive
Short Eared Owl	<i>Asio flammeus</i>	Special Concern	May be at Risk	May be at Risk
Snow Bunting	<i>Plectrophenax nivalis</i>		Secure	Secure
Solitary Sandpiper	<i>Tringa solitaria</i>		Secure	Secure
Solitary Vireo	<i>Vireo solitarius</i>			
Song Sparrow	<i>Melospiza melodia</i>		Secure	Secure
Sora	<i>Porzana carolina</i>		Secure	Sensitive
Spotted Sandpiper	<i>Actitis macularia</i>		Secure	Secure
Spruce Grouse	<i>Falcapennis canadensis</i>		Secure	Secure
Steller's Jay	<i>Cyanocitta stelleri</i>		Secure	Secure

Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
Swainson's Hawk	<i>Buteo swainsoni</i>		Sensitive	Sensitive
Swainson's Thrush	<i>Catharus ustulatus</i>		Secure	Secure
Swamp Sparrow	<i>Melospiza georgiana</i>		Secure	Secure
Tennessee Warbler	<i>Vermivora peregrina</i>		Secure	Secure
Three-toed Woodpecker	<i>Picoides tridactylus</i>		Secure	Secure
Townsend's Solitaire	<i>Myadestes townsendii</i>		Secure	Secure
Townsend's Warbler	<i>Dendroica townsendii</i>		Secure	Secure
Tree Swallow	<i>Tachycineta bicolor</i>		Secure	Secure
Trumpeter Swan	<i>Cygnus buccinator</i>	Not at risk	At risk	At risk
Varied Thrush	<i>Ixoreus naevius</i>		Secure	Secure
Veery	<i>Catharus</i>		Secure	Secure
Vesper Sparrow	<i>Pooecetes gramineus</i>		Secure	Secure
Violet-green Swallow	<i>Tachycineta thalassina</i>		Secure	Secure
Warbling Vireo	<i>Vireo gilvus</i>		Secure	Secure
Western Grebe	<i>Aechmophorus occidentalis</i>		Sensitive	Sensitive
Western Meadowlark	<i>Sturnella neglecta</i>		Secure	Secure
Western Tanager	<i>Piranga ludivicianus</i>		Sensitive	Sensitive
Western Wood-peewee	<i>Contopus sordidulus</i>		secure	secure
White-breasted Nuthatch	<i>Sitta carolinensis</i>		secure	secure
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>		secure	secure
White-tailed Ptarmigan	<i>Lagopus leucurus</i>		secure	secure
White-throated Sparrow	<i>Zonotrichia albicollis</i>		secure	secure
White-winged Crossbill	<i>Loxia leucoptera</i>		secure	secure
White-winged Scoter	<i>Melanitta fusca</i>		sensitive	sensitive
Willow Flycatcher	<i>Empidonax trailii</i>		Secure	Secure
Willow Ptarmigan	<i>lagopus lagopus</i>		Secure	Secure
Wilson's Phalarope	<i>Phalaropus tricolor</i>		Secure	Secure
Wilson's Warbler	<i>Wilsonia pusilla</i>		Secure	Secure
Winter Wren	<i>Troglodytes troglodytes</i>		Secure	Secure
Yellow Warbler	<i>Dendroica petechia</i>		Secure	Secure
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>		Undetermined	Undetermined
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>		Secure	Secure
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>		Secure	Secure
Yellow-rumped Warbler	<i>Dendroica coronata</i>		Secure	Secure
<b>Amphibians</b>				
Long-toed Salamander	<i>Ambystoma macrodactylum</i>		Sensitive	Sensitive
Western Toad	<i>Bufo boreas</i>		Sensitive	Sensitive
Canadian Toad	<i>Bufo hemiophrys</i>		may be at risk	may be at risk
Boreal Chorus Frog	<i>Pseudacris maculata</i>		Secure	Secure
Northern Leopard frog	<i>Rana pipiens</i>	Special Concern	at risk	at risk
Wood Frog	<i>Rana sylvatica</i>		Secure	Secure
Columbia Spotted Frog	<i>Rana luteiventris</i>	Not at risk	Sensitive	Sensitive
<b>Reptiles</b>				
Wandering Garter Snake	<i>Thamnophis elegans</i>		Sensitive	
Red Side Garter Snake	<i>Thamnophis sirtalis</i>		Sensitive	



Common Name	Scientific Name	COSEWIC	AB Status Rank (2000)	AB Status Rank (2005)
<b>Fish</b>				
Arctic Grayling	<i>Thymallus arcticus</i>		Sensitive	Sensitive
Brook Stickleback	<i>Culaea inconstans</i>		Secure	Secure
Brook Trout	<i>Salvelinus fontinalis</i>		Exotic/Alien	Exotic/Alien
Brown Trout	<i>Salmo trutta</i>		Exotic/Alien	Exotic/Alien
Bull Trout	<i>Salvelinus confluentus</i>		Sensitive	Sensitive
Burbot	<i>Lota lota</i>		Secure	Secure
Cutthroat Trout	<i>Oncorhynchus clarki</i>	Threatened	Secure	May be at Risk
Emerald Shiner	<i>Notropis atherinoides</i>		Secure	Secure
Fathead Minnow	<i>Pimephales promelas</i>		Secure	Secure
Finescale Dace	<i>Phoxinus neogaeus</i>		Undetermined	Undetermined
Flathead Chub	<i>Platygobio gracilis</i>		Secure	Secure
Goldeye	<i>Hiodon alosoides</i>		Secure	Secure
Lake Chub	<i>Couesius plumbeus</i>		Secure	Secure
Longnose Dace	<i>Rhinichthys cataractae</i>		Secure	Secure
Longnose Sucker	<i>Catostomus catostomus</i>		Secure	Secure
Mountain Whitefish	<i>Prosopium williamsoni</i>		Secure	Secure
Northern Pike	<i>Esox lucius</i>		Secure	Secure
Pearl Dace	<i>Margariscus margarita</i>		Undetermined	Undetermined
Rainbow Trout	<i>Oncorhynchus mykiss</i>		Secure	May be at Risk
Spoonhead Sculpin	<i>Cottus ricei</i>	Not at risk	May be at risk	May be at risk
Spottail Shiner	<i>Notropis hudsonius</i>		Secure	Secure
Trout-Perch	<i>Percopsis omiscomaycus</i>		Secure	Secure
Walleye	<i>Stizostedion vitreum</i>		Secure	Secure
White Sucker	<i>Catostomus commersoni</i>		Secure	Secure

