

APPENDIX 13C

Wildlife Species List

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APPENDIX 13C WILDLIFE SPECIES LIST

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Three sources were used to define species status:

- *The General Status of Alberta Wild Species 2005* (Alberta Sustainable Resource Development [ASRD] 2006)
- *Canadian Species at Risk* (Committee on the Status of Endangered Wildlife in Canada 2009, Internet site)
- *Species at Risk Act* (2009, Internet site) Species at Risk Act Public Registry: Species List

Table 13C-1 Species Status According to the General Status of Alberta Wild Species 2005 (ASRD 2006)

Status	Definition
At Risk	Any species known to be "At Risk" after formal detailed status assessment and designation as "Endangered" or "Threatened" in Alberta.
May be at Risk	Any species that "May be at Risk" of extinction or extirpation, and is therefore a candidate for detailed risk assessment.
Sensitive	Any species that is not at risk of extinction or extirpation but may require special attention or protection to prevent it from becoming at risk.
Secure	A species that is not "At Risk," "May be at Risk" or "Sensitive".
Undetermined	Any species for which insufficient information, knowledge or data is available to reliably evaluate its general status.
Exotic/Alien	Any species that has been introduced as a result of human activities.

Table 13C-2 Species Status According to Canadian Species at Risk (COSEWIC 2009)

Status	Definition
Endangered	A species facing imminent extirpation or extinction.
Threatened	A species likely to become endangered if limiting factors are not reversed.
Special Concern	A species of special concern because of characteristics that make it particularly sensitive to human activities or natural events.
Not at Risk	A species that has been evaluated and found to be not at risk.

Table 13C-3 Species Status According to the *Species at Risk Act* (2009)

Status	Definition
Schedule 1	A species has been assessed by COSEWIC and the listing provided from COSEWIC has been accepted by the Minister of Environment. The species is now protected legally under SARA and a recovery planning is mandatory.
Schedule 2	A species is not on the official SARA list; however, the status of the species must be assessed within a given timeframe. These species are listed as endangered or threatened by COSEWIC.
Schedule 3	A species is not on the official SARA list, however, the status of the species must be assessed within a given timeframe. These species are listed as species of special concern by COSEWIC.
Data Deficient	A category that applies when the available information is insufficient (a) to resolve a wildlife species' eligibility for assessment or (b) to permit an assessment of the wildlife species' risk of extinction.

OCCURRENCE

r – year round resident species, breeds in the region

ss – summer seasonal species, breeds in the region

ss/r – most individuals are only present during the breeding season but there are records of year round residents in the province

r/ss – most individuals are resident but some may make short distance migrations

sw – winter seasonal species, generally does not breed in the region

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Amphibians and Reptiles					
Canadian toad	<i>Bufo hemiophys</i>	May be at Risk	Not at Risk		r
Western toad	<i>Bufo boreas</i>	Sensitive	Special Concern	Schedule 1	r
Boreal chorus frog	<i>Pseudacris maculata</i>	Secure			r
Wood frog	<i>Rana sylvatica</i>	Secure			r
Red-sided garter snake	<i>Thamnophis sirtalis</i>	Sensitive			r
Birds					
Common loon	<i>Gavia immer</i>	Secure	Not at Risk		ss
Pied-billed grebe	<i>Podilymbus podiceps</i>	Sensitive			ss
Horned grebe	<i>Podiceps auritus</i>	Sensitive	Special Concern		ss
Red-necked grebe	<i>Podiceps grisegena</i>	Secure	Not at Risk		ss
Eared grebe	<i>Podiceps nigricollis</i>	Secure			ss
Western grebe	<i>Aechmophorus occidentalis</i>	Sensitive			ss
American white pelican	<i>Pelecanus erythrorhynchos</i>	Sensitive	Not at Risk		ss
Double-crested cormorant	<i>Phalacrocorax auritus</i>	Secure	Not at Risk		ss
American bittern	<i>Botaurus lentiginosus</i>	Sensitive			ss
Great blue heron	<i>Ardea herodias</i>	Sensitive		Schedule 3	ss
Canada goose	<i>Branta canadensis</i>	Secure			ss
Green-winged teal	<i>Anas crecca</i>	Sensitive			ss
Mallard	<i>Anas platyrhynchos</i>	Secure			ss
Northern pintail	<i>Anas acuta</i>	Sensitive			ss
Blue-winged teal	<i>Anas discors</i>	Secure			ss

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
Northern shoveler	<i>Anas clypeata</i>	Secure			ss
Gadwall	<i>Anas strepera</i>	Secure			ss
American wigeon	<i>Anas americana</i>	Secure			ss
Canvasback	<i>Aythya valisineria</i>	Secure			ss
Redhead	<i>Aythya americana</i>	Secure			ss
Ring-necked duck	<i>Aythya collaris</i>	Secure			ss
Lesser scaup	<i>Aythya affinis</i>	Sensitive			ss
Surf scoter	<i>Melanitta perspicillata</i>	Secure			ss
White-winged scoter	<i>Melanitta fusca</i>	Sensitive			ss
Common goldeneye	<i>Bucephala clangula</i>	Secure			ss
Bufflehead	<i>Bucephala albeola</i>	Secure			ss
Hooded merganser	<i>Lophodytes cucullatus</i>	Secure			ss
Common merganser	<i>Mergus merganser</i>	Secure			ss
Red-breasted merganser	<i>Mergus serrator</i>	Secure			ss
Ruddy duck	<i>Oxyura jamaicensis</i>	Secure			ss
Osprey	<i>Pandion haliaetus</i>	Sensitive			ss
Bald eagle	<i>Haliaeetus leucocephalus</i>	Sensitive	Not at Risk		ss
Northern harrier	<i>Circus cyaneus</i>	Sensitive	Not at Risk		ss
Sharp-shinned hawk	<i>Accipiter striatus</i>	Secure	Not at Risk		ss
Cooper's hawk	<i>Accipiter cooperii</i>	Secure	Not at Risk		ss
Northern goshawk	<i>Accipiter gentilis</i>	Sensitive	Not at Risk	Schedule 1	r
Broad-winged hawk	<i>Buteo platypterus</i>	Sensitive			ss
Red-tailed hawk	<i>Buteo jamaicensis</i>	Secure	Not at Risk		ss
American kestrel	<i>Falco sparverius</i>	Secure			ss
Merlin	<i>Falco columbarius</i>	Secure	Not at Risk		ss
Peregrine falcon	<i>Falco peregrinus</i>	At Risk	Special Concern	Schedule 1	ss
Spruce grouse	<i>Falcapennis canadensis</i>	Secure			r
Ruffed grouse	<i>Bonasa umbellus</i>	Secure			r
Sharp-tailed grouse	<i>Tympanuchus phasianellus</i>	Sensitive			r
Willow ptarmigan	<i>Lagopus lagopus</i>	Secure			sw
Yellow rail	<i>Coturnicops noveboracensis</i>	Undetermined	Special Concern	Schedule 1	ss

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
Sora	<i>Porzana carolina</i>	Sensitive			ss
American coot	<i>Fulica americana</i>	Secure	Not at Risk		ss
Sandhill crane	<i>Grus canadensis</i>	Sensitive	Not at Risk		ss
Killdeer	<i>Charadrius vociferus</i>	Secure			ss
Greater yellowlegs	<i>Tringa melanoleuca</i>	Secure			ss
Lesser yellowlegs	<i>Tringa flavipes</i>	Secure			ss
Solitary sandpiper	<i>Tringa solitaria</i>	Secure			ss
Spotted sandpiper	<i>Actitis macularia</i>	Secure			ss
Least sandpiper	<i>Calidris minutilla</i>	Secure			r/ss
Short-billed dowitcher	<i>Limnodromus griseus</i>	Undetermined			ss
Wilson's snipe	<i>Gallinago gallinago</i>	Secure			ss
Wilson's phalarope	<i>Phalaropus tricolor</i>	Secure			ss
Franklin's gull	<i>Larus pipixcan</i>	Secure			ss
Bonaparte's gull	<i>Larus philadelphia</i>	Secure			ss
Ring-billed gull	<i>Larus delawarensis</i>	Secure			ss
California gull	<i>Larus californicus</i>	Secure			ss
Herring gull	<i>Larus argentatus</i>	Secure			ss
Common tern	<i>Sterna hirundo</i>	Secure	Not at Risk		ss
Black tern	<i>Chlidonias niger</i>	Sensitive	Not at Risk		ss
Rock dove	<i>Columba livia</i>	Exotic/Alien			r
Mourning dove	<i>Zenaida macroura</i>	Secure			ss
Great horned owl	<i>Bubo virginianus</i>	Secure			r
Northern hawk owl	<i>Surnia ulula</i>	Sensitive	Not at Risk		r
Northern-pygmy owl	<i>Glaucidium gnoma</i>	Sensitive			r/ss
Barred owl	<i>Strix varia</i>	Sensitive			r
Great gray owl	<i>Strix nebulosa</i>	Sensitive	Not at Risk		r
Long-eared owl	<i>Asio otus</i>	Secure			ss
Short-eared owl	<i>Asio flammeus</i>	May be at Risk	Special Concern	Schedule 3	ss
Boreal owl	<i>Aegolius funereus</i>	Secure	Not at Risk		r
Northern saw-whet owl	<i>Aegolius acadicus</i>	Secure			r/ss
Common nighthawk	<i>Chordeiles minor</i>	Sensitive	Threatened		ss
Ruby-throated hummingbird	<i>Archilochus colubris</i>	Secure			ss
Belted kingfisher	<i>Ceryle alcyon</i>	Secure			ss

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
Yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	Secure			ss
Downy woodpecker	<i>Picoides pubescens</i>	Secure			r
Hairy woodpecker	<i>Picoides villosus</i>	Secure			r
Three-toed woodpecker	<i>Picoides tridactylus</i>	Secure			r
Black-backed woodpecker	<i>Picoides arcticus</i>	Sensitive			r
Northern flicker	<i>Colaptes auratus</i>	Secure			ss/r
Pileated woodpecker	<i>Dryocopus pileatus</i>	Sensitive			ss/r
Olive-sided flycatcher	<i>Contopus cooperi</i>	Secure	Threatened		ss
Western wood-pewee	<i>Contopus sordidulus</i>	Secure			ss
Yellow-bellied flycatcher	<i>Empidonax flaviventris</i>	Undetermined			ss
Alder flycatcher	<i>Empidonax alnorum</i>	Secure			ss
Least flycatcher	<i>Empidonax minimus</i>	Sensitive			ss
Eastern phoebe	<i>Sayornis phoebe</i>	Sensitive			ss
Eastern kingbird	<i>Tyrannus tyrannus</i>	Secure			ss
Tree swallow	<i>Tachycineta bicolor</i>	Secure			ss
Bank swallow	<i>Riparia riparia</i>	Secure			ss
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	Secure			ss
Barn swallow	<i>Hirundo rustica</i>	Sensitive			ss
Gray jay	<i>Perisoreus canadensis</i>	Secure			r
Blue jay	<i>Cyanocitta cristata</i>	Secure			r
Black-billed magpie	<i>Pica hudsonia</i>	Secure			r
American crow	<i>Corvus brachyrhynchos</i>	Secure			ss
Common raven	<i>Corvus corax</i>	Secure			r
Black-capped chickadee	<i>Poecile atricapilla</i>	Secure			r
Boreal chickadee	<i>Poecile hudsonica</i>	Secure			r
Red-breasted nuthatch	<i>Sitta canadensis</i>	Secure			r
White-breasted nuthatch	<i>Sitta carolinensis</i>	Secure			r
Brown creeper	<i>Certhia americana</i>	Sensitive			r
House wren	<i>Troglodytes aedon</i>	Secure			ss

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
Winter wren	<i>Troglodytes troglodytes</i>	Secure			SS
Marsh wren	<i>Cistothorus palustris</i>	Secure			SS
Golden-crowned kinglet	<i>Regulus satrapa</i>	Secure			SS
Ruby-crowned kinglet	<i>Regulus calendula</i>	Secure			SS
Mountain bluebird	<i>Sialia currucoides</i>	Secure			SS
Veery	<i>Catharus fuscescens</i>	Secure			SS
Swainson's thrush	<i>Catharus ustulatus</i>	Secure			SS
Hermit thrush	<i>Catharus guttatus</i>	Secure			SS
American robin	<i>Turdus migratorius</i>	Secure			SS
Bohemian waxwing	<i>Bombycilla garrulus</i>	Secure			SS
Cedar waxwing	<i>Bombycilla cedrorum</i>	Secure			SS
European starling	<i>Sturnus vulgaris</i>	Exotic/alien			SS
Blue-headed vireo	<i>Vireo solitarius</i>	Secure			SS
Warbling vireo	<i>Vireo gilvus</i>	Secure			SS
Philadelphia vireo	<i>Vireo philadelphicus</i>	Secure			SS
Red-eyed vireo	<i>Vireo olivaceus</i>	Secure			SS
Tennessee warbler	<i>Vermivora peregrina</i>	Secure			SS
Orange-crowned warbler	<i>Vermivora celata</i>	Secure			SS
Yellow warbler	<i>Dendroica petechia</i>	Secure			SS
Magnolia warbler	<i>Dendroica magnolia</i>	Secure			SS
Cape May warbler	<i>Dendroica tigrina</i>	Sensitive			SS
Yellow-rumped warbler	<i>Dendroica coronata</i>	Secure			SS
Black-throated green warbler	<i>Dendroica virens</i>	Sensitive			SS
Blackburnian warbler	<i>Dendroica fusca</i>	Sensitive			SS
Palm warbler	<i>Dendroica palmarum</i>	Secure			SS
Bay-breasted warbler	<i>Dendroica castanea</i>	Sensitive			SS
Blackpoll warbler	<i>Dendroica striata</i>	Secure			SS
Black-and-white warbler	<i>Mniotilta varia</i>	Secure			SS
American redstart	<i>Setophaga ruticilla</i>	Secure			SS
Ovenbird	<i>Seiurus aurocapillus</i>	Secure			SS
Northern waterthrush	<i>Seiurus noveboracensis</i>	Secure			SS

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
Connecticut warbler	<i>Oporornis agilis</i>	Secure			ss
Mourning warbler	<i>Oporornis philadelphia</i>	Secure			ss
Common yellowthroat	<i>Geothlypis trichas</i>	Sensitive			ss
Wilson's warbler	<i>Wilsonia pusilla</i>	Secure			ss
Canada warbler	<i>Wilsonia canadensis</i>	Sensitive	Threatened		ss
Western tanager	<i>Piranga ludoviciana</i>	Sensitive			ss
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	Secure			ss
Chipping sparrow	<i>Spizella passerina</i>	Secure			ss
Clay-colored sparrow	<i>Spizella pallida</i>	Secure			ss
Vesper sparrow	<i>Pooecetes gramineus</i>	Secure			ss
Savannah sparrow	<i>Passerculus sandwichensis</i>	Secure			ss
Le Conte's sparrow	<i>Ammodramus leconteii</i>	Secure			ss
Nelson's sparrow	<i>Ammodramus nelsoni</i>	Secure	Not at Risk		ss
Fox sparrow	<i>Paserella iliaca</i>	Secure			ss
Song sparrow	<i>Melospiza melodia</i>	Secure			ss
Lincoln's sparrow	<i>Melospiza lincolnii</i>	Secure			ss
Swamp sparrow	<i>Melospiza georgiana</i>	Secure			ss
White-throated sparrow	<i>Zonotrichia albicollis</i>	Secure			ss
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Secure			ss
Dark-eyed junco	<i>Junco hyemalis</i>	Secure			ss
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Secure			ss
Rusty blackbird	<i>Euphagus carolinus</i>	Sensitive	Special Concern	Schedule 1	ss
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	Secure			ss
Common grackle	<i>Quiscalus quiscula</i>	Secure			ss
Brown-headed cowbird	<i>Molothrus ater</i>	Secure			ss
Baltimore oriole	<i>Icterus galbula</i>	Sensitive			ss
Pine grosbeak	<i>Pinicola enucleator</i>	Secure			r
Purple finch	<i>Carpodacus purpureus</i>	Secure			ss/r
Red crossbill	<i>Loxia curvirostra</i>	Secure			r

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Birds (cont'd)					
White-winged crossbill	<i>Loxia leucoptera</i>	Secure			r
Pine siskin	<i>Carduelis pinus</i>	Secure			ss
American goldfinch	<i>Carduelis tristis</i>	Secure			ss
Evening grosbeak	<i>Coccothraustes vespertinus</i>	Secure			r
House sparrow	<i>Passer domesticus</i>	Exotic/alien			r
Mammals					
Masked shrew	<i>Sorex cinereus</i>	Secure			r
Dusky shrew	<i>Sorex monticolus</i>	Secure			r
Water shrew	<i>Sorex palustris</i>	Secure			r
Arctic shrew	<i>Sorex arcticus</i>	Secure			r
Pygmy shrew	<i>Sorex hoyi</i>	Secure			r
Little brown bat	<i>Myotis lucifugus</i>	Secure			r
Northern long-eared bat	<i>Myotis septentrionalis</i>	May be at Risk			r
Big brown bat	<i>Eptesicus fuscus</i>	Secure			r
Hoary bat	<i>Lasiurus cinereus</i>	Sensitive			r
Eastern red bat	<i>Lasiurus borealis</i>	Sensitive			r
Silver-haired bat	<i>Lasionycteris noctivagans</i>	Sensitive			r
Snowshoe hare	<i>Lepus americanus</i>	Secure			r
Least chipmunk	<i>Tamias minimus</i>	Secure			r
Woodchuck	<i>Marmota monax</i>	Secure			r
Red squirrel	<i>Tamiasciurus hudsonicus</i>	Secure			r
Northern flying squirrel	<i>Glaucomys sabrinus</i>	Secure			r
American beaver	<i>Castor canadensis</i>	Secure			r
Deer mouse	<i>Peromyscus maniculatus</i>	Secure			r
Southern red-backed vole	<i>Clethrionomys gapperi</i>	Secure			r
Heather vole	<i>Phenacomys intermedius</i>	Secure			r
Meadow vole	<i>Microtus pennsylvanicus</i>	Secure			r
Taiga vole	<i>Microtus xanthognathus</i>	Undetermined			r
Muskrat	<i>Ondatra zibethicus</i>	Secure			r
Northern bog lemming	<i>Synaptomys borealis</i>	Secure			r

Table 13C-4 Wildlife Species Potentially Occurring in the Region Including Their Provincial and Federal Status (cont'd)

Common Name	Scientific Name	ASRD 2006 Status	COSEWIC 2009 Status	SARA 2009 Status	Occurrence
Mammals (cont'd)					
House mouse	<i>Mus musculus</i>	Exotic/alien			r
Meadow jumping mouse	<i>Zapus hudsonius</i>	Secure			r
Porcupine	<i>Erethizon dorsatum</i>	Secure			r
Coyote	<i>Canis latrans</i>	Secure			r
Gray wolf	<i>Canis lupus</i>	Secure	Not at Risk		r
Red fox	<i>Vulpes vulpes</i>	Secure			r
Black bear	<i>Ursus americanus</i>	Secure	Not at Risk		r
Short-tailed weasel	<i>Mustela erminea</i>	Secure			r
Least weasel	<i>Mustela nivalis</i>	Secure			r
Mink	<i>Mustela vison</i>	Secure			r
Marten	<i>Martes americana</i>	Secure			r
Fisher	<i>Martes pennanti</i>	Sensitive			r
Wolverine	<i>Gulo gulo</i>	May be at Risk	Special Concern	No Schedule	r
Northern river otter	<i>Lutra canadensis</i>	Secure			r
Striped skunk	<i>Mephitis mephitis</i>	Secure			r
Canada lynx	<i>Lynx canadensis</i>	Sensitive	Not at Risk		r
Mule deer	<i>Odocoileus hemionus</i>	Secure			r
White-tailed deer	<i>Odocoileus virginianus</i>	Secure			r
Moose	<i>Alces alces</i>	Secure			r
Woodland caribou	<i>Rangifer tarandus caribou</i>	At Risk	Threatened	Schedule 1	r

13C.1 References

13C.1.1 Literature Cited

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