

Birds of Northwest Alberta Last Review & Up-date: February 21, 2007

Forest Biota within DMI Geographic Areas

Order	Family	Common Name	Scientific Name	COSEWIC 2005	SARA Status at July,2005	Alberta Status 2005 SRD web	ANHC Status	Comments
Ciconiiformes	Ardeidae	American Bittern	<i>Botaurus lentiginosus</i>			Sensitive		
Falconiformes	Pelecanidae	American White Pelican	<i>Pelecanus erythrorhynchos</i>			Sensitive		
Falconiformes	Accipitridae	Bald Eagle	<i>Haliaeetus leucocephalus</i>			Sensitive		
Strigiformes	Strigidae	Barred Owl	<i>Strix varia</i>			Sensitive		
Passeriformes	Emberizidae	Bay-breasted Warbler	<i>Dendroica castanea</i>			Sensitive		Wildlife Act 2005 -Special Concern designation in-progress
Ciconiiformes	Laniidae	Black Tern	<i>Chlidonia niger</i>			Sensitive		
Piciformes	Picidae	Black-backed Woodpecker	<i>Picoides arcticus</i>			Sensitive		
Passeriformes	Emberizidae	Blackburnian Warbler	<i>Dendroica fusca</i>			Sensitive		
Passeriformes	Emberizidae	Black-throated Green Warbler	<i>Dendroica virens</i>			Sensitive		listed Ab-Sensitive, Wildlife Act 2005-Special Concern
Falconiformes	Accipitridae	Broad-winged Hawk	<i>Buteo platypterus</i>			Sensitive		
Passeriformes	Emberizidae	Canada Warbler	<i>Wilsonia canadensis</i>	Assmt Priority1		Sensitive		
Passeriformes	Emberizidae	Cape May Warbler	<i>Dendroica tigrina (prev.carulescens)</i>			Sensitive		Wildlife Act 2005 -Special Concern designation in-progress
Ciconiiformes	Laniidae	Caspian Tern	<i>Sterna caspia</i>			Sensitive		
Caprimulgiformes	Caprimulgidae	Common Nighthawk	<i>Chordeiles minor</i>			Sensitive		
Ciconiiformes	Laniidae	Forster's Tern	<i>Sterna forsteri</i>			Sensitive		
Falconiformes	Accipitridae	Golden Eagle	<i>Aquila chrysaetos</i>			Sensitive		
Ciconiiformes	Ardeidae	Great Blue Heron	<i>Ardea herodias</i>			Sensitive		SARA protects only fannini subsp (wBC)
Strigiformes	Strigidae	Great Gray Owl	<i>Strix nebulosa</i>			Sensitive		
Anseriformes	Anatidae	Harlequin Duck	<i>Histrionicus histrionicus</i>			Sensitive		SARA=only east.Canada pop. Ab-sensitive + W. Act-SC
Podicipediformes	Podicipedidae	Horned Grebe	<i>Podiceps auritus</i>			Sensitive		
Passeriformes	Laniidae	Loggerhead Shrike	<i>Lanius ludovicianus excubitorides</i>	Threatened	Sched 1 Threatened	Sensitive		listed Ab-Sensitive, Wildlife Act 2005-Special Concern
Falconiformes	Accipitridae	Northern Goshawk	<i>Accipiter gentilis</i>			Sensitive		SARA protects only laingi' subspec (wBC)
Strigiformes	Strigidae	Northern Pygmy-Owl	<i>Glaucidium gnoma</i>			Sensitive		
Falconiformes	Accipitridae	Osprey	<i>Pandion haliaetus</i>			Sensitive		
Falconiformes	Falconidae	Peregrine Falcon	<i>Falco peregrinus anatum</i>	Threatened	Sched 1 Threatened	At-risk		listed Ab-At-risk, Wildlife Act 2005=Threatened
Podicipediformes	Podicipedidae	Pied-billed Grebe	<i>Podilymbus podiceps</i>			Sensitive		
Piciformes	Picidae	Pileated Woodpecker	<i>Dryocopus pileatus</i>			Sensitive		
Passeriformes	Hirundinidae	Purple Martin	<i>Progne subis</i>			Sensitive		
Gruiformes	Gruidae	Sandhill Crane	<i>Grus canadensis</i>			Sensitive		
Passeriformes	Certhiidae	Sedge Wren	<i>Cistothorus platensis</i>			Sensitive		
Galliformes	Phasianidae	Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>			Sensitive		
Strigiformes	Strigidae	Short-eared Owl	<i>Asio flammeus</i>			At-risk		
Anseriformes	Anatidae	Trumpeter Swan	<i>Ocyanus buccinator</i>	Special Concern	Sched 3 Special Concern	May-be-at-risk		listed Ab-At-risk, Wildlife Act 2005=Threatened
Ciconiiformes	Scolopacidae	Upland Sandpiper	<i>Barrhamia longicauda</i>			Sensitive		
Podicipediformes	Podicipedidae	Western Grebe	<i>Aechmophorus occidentalis</i>			Sensitive		
Passeriformes	Emberizidae	Western Tanager	<i>Piranga ludoviciana</i>			Sensitive		
Anseriformes	Anatidae	White-winged Scoter	<i>Melanitta fusca</i>			Sensitive		listed Ab-Sensitive, Wildlife Act 2005=Special Concern
Gruiformes	Gruidae	Whooping Crane	<i>Grus americana</i>	Endangered	Sched 1 Endangered	At-risk		listed Ab-At-risk, Wildlife Act 2005=Endangered
Falconiformes	Rallidae	Yellow Rail	<i>Coturnicops noveboracensis</i>	Special Concern	Sched 1 Special Concern	undetermined		undetermined status in Alberta

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Fishes of Northwest Alberta Last Review & Up-date: February 26, 2006

Forest Aquatic Biota within DMI Geographic Areas

Order	Family	Common Name	Scientific Name	COSEWIC 2005	SARA Status at July,2005	Alberta Status 2005 SRD web	ANHC Status	Comments
Cypriniformes	Catostomidae	Largescale Sucker	<i>Catostomus macrocheilus</i>	Assmt Priority2		Sensitive		
Cypriniformes	Cyprinidae	Northern Redbelly Dace	<i>Phoxinus phoxinus</i>	Assmt Priority2		Sensitive		
Cypriniformes	Cyprinidae	Northern Squawfish (Pikeminnow)	<i>Ptychocheilus oregonensis</i>			Sensitive		
Cypriniformes	Cyprinidae	Longnose (or Nooksack) Dace	<i>Rhinichthys cataractae</i>		Sched 1 Endangered			may only be the BC subsp at-risk
Salmoniformes	Salmonidae	Arctic Grayling	<i>Thymallus arcticus</i>	Assmt Priority3		Sensitive		
Salmoniformes	Salmonidae	Lake Trout	<i>Salvelinus namaycush</i>	Assmt Priority2		Sensitive		
Salmoniformes	Salmonidae	Bull Trout	<i>Salvelinus confluentus</i>			Special Concern		listed Ab-Sensitive, Wildlife Act 2005=Special Concern
Scorpaeniformes	Cottidae	Spoonhead Sculpin	<i>Cottus nebulosus</i>			May-be-at-risk		

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Salmoniformes Salmonidae Blackfin Cisco *Coregonus nigripinnis* Threatened Sched 2 Threatened
 Salmoniformes Salmonidae Shortjaw Cisco *Coregonus zenithicus* Threatened Sched 2 Threatened
 May-be-at-risk
 debate re: northern Ab. Presence
 debate re: northern Ab. Presence, Wildlife Act in-process
 to move to Threatened status

Reptiles & Amphibians of Northwest Alberta Last Review & Up-date: February 26, 2006

Forest Biota within DMI Geographic Areas

Order	Family	Common Name	Scientific Name	COSEWIC 2005	SARA Status at July,2005	Alberta Status 2005 SRD web	ANHC Status	Comments
Caudata	Ambystomatidae	Long-toed Salamander	<i>Ambystoma macrodactylum</i>			Special Concern		listed Ab-Sensitive, Wildlife Act 2005=Special Concern
Anura	Bufo	Boreal Toad (western toad)	<i>Bufo boreas</i>	Special Concern	Sched 1 Special Concern	Sensitive		
Anura	Bufo	Canadian Toad	<i>Bufo hemiphysus</i>			May-be-at-risk		
Anura	Ranidae	Northern Leopard Frog	<i>Rana pipiens</i>	Special Concern	Sched 1 Special Concern	Threatened		listed Ab-At-risk, Wildlife Act 2005=Threatened
Squamata	Colubridae	Red-sided Garter Snake	<i>Thamnophis sirtalis</i>			Sensitive		
Testudines	Emydidae	Painted Turtle	<i>Chrysemys picta bellii</i>			Sensitive		historical sightings Hines Creek/Fairview areas

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Mammals of Northwest Alberta Last Review & Up-date: February 12, 2006

Forest Biota within DMI Geographic Areas

Order	Family	Common Name	Scientific Name	COSEWIC 2005	SARA Status at July,2005	Alberta Status 2005 SRD web	ANHC Status	Comments
Chiroptera	Vespertilionidae	Northern Long-eared Bat	<i>Myotis septentrionalis</i>			May be at risk		
Carnivora	Ursidae	Grizzly Bear	<i>Ursus arctos</i>	Special Concern		May be at risk		Ab Wildlife Act 2005 in-process Threatened status
Carnivora	Mustelidae	Fisher	<i>Martes pennanti</i>			Sensitive		
Carnivora	Mustelidae	Wolverine	<i>Gulo gulo</i>	Special Concern		May be at risk		SARA protects only east Canada pop
Carnivora	Felidae	Canada Lynx	<i>Lynx canadensis</i>			Sensitive		
Carnivora	Felidae	Cougar	<i>Felis concolor</i>			Sensitive		sightings Peace River area noted since 2000
Artiodactyla	Cervidae	Woodland Caribou	<i>Rangifer tarandus caribou</i>	Threatened	Sched 1 Threatened	Threatened		listed Ab-At-risk, Wildlife Act 2005=Threatened
Artiodactyla	Bovidae	Wood Bison	<i>Bison (Bos) bison athabascae</i>	Threatened	Sched 1 Threatened	Endangered*		listed Ab-At-risk, Wildlife Act 2005=Endangered

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* -Ab notes: this rating applies to specific geog boundary regulation description

Arthropods of Northwest Alberta * Note: NW Alberta inventory is incomplete. This list represents a start-point of some locally collected data

Forest Biota within DMI Geographic Areas

Order	Family	Common Name	Scientific Name	COSEWIC 2005	SARA Status	Alberta 2005 Status	ANHC Status	Comments
Lepidoptera	Hesperiidae	Grizzled Skipper	<i>Pyrgus centaureae fregii</i>				S2S3	
Lepidoptera	Lycanidae	Bronze Copper	<i>Lycaena (Hylolycaena) hylus</i>				S2	
Lepidoptera	Lycanidae	Striped (Fletcher's) Hairstreak	<i>Satyrus liparops fletcheri</i>				S3S4	undetermined status -Ab
Lepidoptera	Papilionidae	Hudsonian Old World Swallowtail	<i>Papilio machaon hudsonianus</i>				S2S3	
Lepidoptera	Papilionidae	Pike's Old World Swallowtail	<i>Papilio machaon pikei</i>	Assmt Priority3			S1S2	
Lepidoptera	Pieridae	Palaeo Sulphur	<i>Colias palaeo</i>				S1S2	undetermined status -Ab
Lepidoptera	Satyridae	Ochreaous Ringlet	<i>Coenonympha ochracea</i>				S1	
Lepidoptera	Satyridae	Alberta Arctic	<i>Oeneis alberta</i>				S3S4	
Lepidoptera	Satyridae	Chryx (Cary's) Arctic	<i>Oeneis chryx caryi</i>				S1S2	
Odonata	Calopterygidae	River Jewelwing	<i>Calopteryx aequabilis</i>				S1	

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Vascular Plants of Northwest Alberta*
Forest Biota within DMI Geographic Areas

* - ANHIC status ratings/source (Note: NW Alberta inventory is incomplete)

Last Review & Up-date: February 20, 2007

Family	Common Name	Latin Name	COSEWIC 2005	SARA Status	Alberta Status 2005 SRD web	ANHIC Status 2006	Comments
Gramineae	Polar Grass	<i>Arctagrostis arundinacea</i>				S1	
Compositae	Herriot's Sagewort	<i>Artemisia tilesii</i>				S2	
Leguminosae	Yukon (Bodin's) Milk-vetch	<i>Astragalus bodinii</i>	Assmt Priority1			S1	
Chenopodiaceae	Powell's Saltbush	<i>Atriplex powellii</i>	Assmt Priority1			S1	
Orobanchaceae	Ground-cone	<i>Boschniakia rossica</i>				S1	
Ophioglossaceae	Lance-Leaved Grape Fern (Moonwort)	<i>Botrychium lanceolatum</i>			May-be-at-risk	S2	
Brassicaceae	Small Bitter Cress	<i>Cardamine parviflora</i>				S1	
Cyperaceae	Browned Sedge	<i>Carex adusta</i>				S1	
Cyperaceae	Narrow Sedge	<i>Carex arcta</i>				S1	
Cyperaceae	Brownish Sedge	<i>Carex brunnescens</i>	Assmt Priority2			S4	Subsp Alaskana (COSEWIC)
Cyperaceae	Capitate Sedge	<i>Carex capitata</i>				S2	
Cyperaceae	Beaked Sedge	<i>Carex rostrata</i>					S3 ANHIC
Cyperaceae	Fox Sedge	<i>Carex vulpinoidea</i>				S2	
Polypodiaceae	Slender Lip Fern	<i>Cheilanthes feei</i>			Sensitive		S3 ANHIC
Saxifragaceae	Iowa Golden Saxifrage	<i>Chrysosplenium iowense</i>	Assmt Priority2				S3 ANHIC
Orchidaceae	Spotted Coral-root	<i>Corallorhiza maculata</i>			Sensitive		S3 ANHIC
Polypodiaceae	Mountain Bladder Fern	<i>Cystopteris montana</i>			May-be-at-risk	S2	
Gramineae	Poverty Oat Grass	<i>Danthonia spicata</i>				S1S2	
Polypodiaceae	Spreading Wood Fern (Shield Fern)	<i>Dryopteris expansa</i>			Sensitive		UNLISTED IN ANHIC
Polypodiaceae	Fragrant Cliff Wood Fern (Fragrant Shield)	<i>Dryopteris fragrans</i>			Sensitive		S3 ANHIC
Compositae	Spotted Joe-Pye Weed	<i>Eupatorium maculatum</i>				S1S2	
Hypericaceae	Large Canada St. John's-wort	<i>Hypericum majus</i>				S2	
Isotaceae	Northern Quillwort	<i>Isoetes echinospora</i>				S1	
Juncaceae	Thread Rush	<i>Juncus filiformis</i>					S3 ANHIC
Compositae	Tall Blue Lettuce	<i>Lactuca biennis</i>				S2	
Juncaceae	Reddish (Hairy) Wood-Rush	<i>Luzula rufescens</i>	Assmt Priority2			S1	
Orchidaceae	White Adder's-Mouth	<i>Malaxis monophylla</i>			May-be-at-risk	S2	
Polypodiaceae	Ostrich Fern	<i>Matteuccia struthiopteris</i>			Sensitive		S3 ANHIC
Najadaceae	Slender Naiad	<i>Najas flexilis</i>				S1S2	
Gramineae	Canadian Rice Grass	<i>Oryzopsis canadensis</i>				S1	
Gramineae	Little-seed Rice Grass	<i>Oryzopsis micrantha</i>				S2	
Scrophulariaceae	Purple Rattle	<i>Pedicularis sudetica</i>				S1	
Lentibulariaceae	Hairy (Small) Butterwort	<i>Pinguicula villosa</i>				S1	
Plantaginaceae	Western Ribgrass (Hairy Plantain)	<i>Plantago canescens</i>	Assmt Priority2			S2	
Potamogetonaceae	Floating-leaf Pondweed	<i>Potamogeton natans</i>					S3 ANHIC
Potamogetonaceae	White-stem Pondweed	<i>Potamogeton praelongus</i>					S3 ANHIC
Gramineae	Slender Salt-meadow Grass	<i>Puccinellia distans</i>	Assmt Priority2			S1	Subsp Hauptiana (COSEWIC)
Cyperaceae	Pale Bulrush	<i>Scirpus pallidus</i>				S1	
Caryophyllaceae	Wavy-leaved Chickweed	<i>Stellaria crispa</i>				S2	
Compositae	Low Townsendia	<i>Townsendia exscapa</i>				S2	
Ericaceae	Bog Bilberry	<i>Vaccinium uliginosum</i>					S3 ANHIC
41		41	7	0	8	30	

Non-Vascular Plants of Northwest Alberta* (Mosses & Liverworts)

Forest Biota within DMI Geographic Areas

Last Review & Up-date: February 20, 2007

Taxa	Common Name	Scientific Name	COSEWIC 2005	SARA Status	Alberta Status 2005 SRD web	ANHIC Status 2006	Comments
Liverworts	Heller's anastrophyllum	<i>Anastrophyllum hellerianum</i> (Nees) Schust.				S2	
Mosses	(bartramia)	<i>Bartramia pomiformis</i>				S2	
Mosses		<i>Brachythecium reflexum</i> (Stark) Schimp.				S2	
Mosses		<i>Calypogeia neesiana</i>					S3 ANHIC
Mosses	(cirriphyllum)	<i>Cirriphyllum cirrosum</i>				S2	
Mosses	(conardia)	<i>Conardia compacta</i>				S2	
Liverworts	Snake Liverwort	<i>Conocephalum conicum</i>				S2	
Mosses	Broken-leaf Moss	<i>Dicranum taucinum</i> Sapeh.				S1S2	
Mosses		<i>Herzogiella turfacea</i> (Lindb.) Iwats.					S3 ANHIC
Liverworts		<i>Lophozia ascendens</i> (Wamst.) Schust.				S1	
Liverworts		<i>Lophozia excisa</i> (Dicks.) Dum.				S1	
Liverworts		<i>Lophozia guttulata</i> (Lindb. Et H.Arnell) Evans				S2	
Liverworts	(lophozia)	<i>Lophozia incisa</i>				S2	
Liverworts		<i>Lophozia longidens</i> (Lindb.)				S1	
Liverworts	Shiny Liverwort	<i>Pellia neesiana</i>				S2	
Mosses	Urn-like Pogonatum	<i>Pogonatum umigerum</i>				S2S3	
Mosses	Slender Hairy-cap	<i>Polytrichum longisetum</i> Brid.				S1	
Liverworts	(scapania)	<i>Scapania cuspiduligera</i>				S2	
Liverworts		<i>Scapania glaucocephala</i> (Tayl.) Aust.				S2	
Mosses	Peat Moss	<i>Sphagnum fallax</i>				S2	
Mosses	Fringed Bog Moss	<i>Sphagnum fimbriatum</i>				S2	
Mosses	Lindberg's Peat (Bog) Moss	<i>Sphagnum lindbergii</i>				S2	
Mosses	Yellow Collar Moss, Fairy Parasols	<i>Splachnum luteum</i>					S3 ANHIC
Mosses	Red Collar Moss	<i>Splachnum rubrum</i>					S3 ANHIC
Mosses	Large-fruited Splachnum	<i>Splachnum vasculosum</i> Hedw.				S2	
Mosses	Tongue-leaf Small Kettle Moss	<i>Tayloria linguata</i>				S2	
26		26	0	0	0	22	

Non-Vascular Plants of Northwest Alberta* (Lichens)

Forest Biota within DMI Geographic Areas

Last Review & Up-date: February 26, 2006

Taxa	Common Name	Scientific Name	COSEWIC 2005	SARA Status	Alberta Status	ANHIC Status 2002	COMMENTS
Lichens	(arctoparmelia)	<i>Arctoparmelia centrifuga</i>				S2	
Lichens	(baeomyces)	<i>Baeomyces rufus</i>				S2	
Lichens	(cladonia)	<i>Cladonia bellidiflora</i>				S2S3	
Lichens	(cladonia)	<i>Cladonia squamosa</i>				S2	
Lichens	(hood lichen)	<i>Hypogymnia metaphysodes</i>				S2	
Lichens		<i>Leptogium subtile</i>				S1	
Lichens	(melanelia)	<i>Melanelia stygia</i>				S2	
Lichens	(mycobiastus)	<i>Mycobiastus sanguinarius</i>				S2	
Lichens	(rock shield)	<i>Parmelia omphalodes</i>				S2	
Lichens	(pertusaria)	<i>Pertusaria dactylina</i>				S2	
Lichens	Punctured Gristle	<i>Ramalina dilacerata</i>				S2	
Lichens	(tremolecia)	<i>Tremolecia atrata</i>				S2	
12		12	0	0	0	12	