

APPENDIX 6A
Biophysical Tables and Figures

Table 6A-1: Family, Species, Common Name and Abbreviated Name for Fish Species that may occur in the Bipole III Transmission Project Study Area

Family	Scientific Name	Common Name	Abbreviation
Petromyzontidae	<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	CHLM
	<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	SLLM
Acipenseridae	<i>Acipenser fulvescens</i>	Lake Sturgeon	LKST
Hiodontidae	<i>Hiodon alosoides</i>	Goldeye	GOLD
	<i>Hiodon tergisus</i>	Mooneye	MOON
Cyprinidae	<i>Carassius auratus</i>	Goldfish	GLFS
	<i>Couesius plumbeus</i>	Lake Chub	LKCH
	<i>Cyprinella spiloptera</i>	Spotfin Shiner	SFSH
	<i>Cyprinus carpio</i>	Common Carp	CARP
	<i>Hybognathus hankinsoni</i>	Brassy Minnow	BRMN
	<i>Luxilus cornutus</i>	Common Shiner	CMSH
	<i>Macrhybopsis storeriana</i>	Silver Chub	SLCH
	<i>Margariscus margarita</i>	Pearl Dace	PRDC
	<i>Nocomis biguttatus</i>	Hornyhead Chub	HRCH
	<i>Notemigonus crysoleucas</i>	Golden Shiner	GLSH
	<i>Notropis atherinoides</i>	Emerald Shiner	EMSH
	<i>Notropis blennius</i>	River Shiner	RVSH
	<i>Notropis dorsalis</i>	Bigmouth Shiner	BGSH
	<i>Notropis heterodon</i>	Blackchin Shiner	BCSH
	<i>Notropis heterolepis</i>	Blacknose Shiner	BLSH
	<i>Notropis hudsonius</i>	Spottail Shiner	SPSH
<i>Notropis stramineus</i>	Sand Shiner	SNSH	
<i>Notropis texanus</i>	Weed Shiner	WDSH	
<i>Phoxinus eos</i>	Northern Redbelly Dace	NRDC	
<i>Phoxinus neogaeus</i>	Finescale Dace	FNDC	

Family	Scientific Name	Common Name	Abbreviation
	<i>Pimphales notatus</i>	Bluntnose Minnow	BLMN
	<i>Pimephales promelas</i>	Fathead Minnow	FTMN
	<i>Platygobio gracilis</i>	Flathead Chub	FLCH
	<i>Rhinichthys cataractae</i>	Longnose Dace	LNDC
	<i>Rhinichthys obtusus</i>	Western Blacknose Dace	BLDC
	<i>Semotilus atromaculatus</i>	Creek Chub	CRCH
Catostomidae	<i>Carpiodes cyprinus</i>	Quillback	QUILL
	<i>Catostomus catostomus</i>	Longnose Sucker	LNSC
	<i>Catostomus commersoni</i>	White Sucker	WHSC
	<i>Ictiobus cyprinellus</i>	Bigmouth Buffalo	BGBF
	<i>Moxostoma anisurum</i>	Silver Redhorse	SLRD
	<i>Moxostoma erythrurum</i>	Golden Redhorse	GLRD
	<i>Moxostoma macrolepidotum</i>	Shorthead Redhorse	SHRD
Ictaluridae	<i>Ameiurus melas</i>	Black Bullhead	BLBL
	<i>Ameiurus nebulosus</i>	Brown Bullhead	BRBL
	<i>Ictalurus punctatus</i>	Channel Catfish	CHCT
	<i>Noturus flavus</i>	Stonecat	STON
	<i>Noturus gyrinus</i>	Tadpole Madtom	TDMD
Esocidae	<i>Esox lucius</i>	Norther Pike	NRPK
	<i>Esox masquinongy</i>	Muskellunge	MUSK
Umbridae	<i>Umbra limi</i>	Central Mudminnow	CNMD
Osmeridae	<i>Osmerus mordax</i>	Rainbow Smelt	RNSM
Salmonidae	<i>Coregonus artedi</i>	Cisco	CISC
	<i>Coregonus clupeaformis</i>	Lake Whitefish	LKWH
	<i>Coregonus zenithicus</i>	Shortjaw Cisco	SHCS
	<i>Oncorhynchus mykiss</i>	Rainbow Trout	RNTR
	<i>Salmo trutta</i>	Brown Trout	BWTR

Family	Scientific Name	Common Name	Abbreviation
	<i>Salvelinus alpinus</i>	Arctic Char	ARCH
	<i>Salvelinus fontinalis</i>	Brook Trout	BRTR
	<i>Salvelinus namaycush</i>	Lake Trout	LKTR
Percopsidae	<i>Percopsis omiscomaycus</i>	Troutperch	TRPR
Gadidae	<i>Lota lota</i>	Burbot	BURB
Fundulidae	<i>Fundulus diaphanus</i>	Banded Killifish	BNKL
Gasterosteidae	<i>Culaea inconstans</i>	Brook Stickleback	BRST
	<i>Pungitius pungitius</i>	Ninespine Stickleback	NNST
Cottidae	<i>Cottus bairdi</i>	Mottled Sculpin	MTSC
	<i>Cottus cognatus</i>	Slimy Sculpin	SLSC
	<i>Cottus ricei</i>	Spoonhead Sculpin	SPSC
	<i>Myoxocephalus thompsoni</i>	Deepwater Sculpin	DPSC
Moronidae	<i>Morone chrysops</i>	White Bass	WHBS
Centrarchidae	<i>Ambloplites rupestris</i>	Rock Bass	RCBS
	<i>Lepomis gibbosus</i>	Pumpkinseed	PUMP
	<i>Lepomis macrochirus</i>	Bluegill	BLUE
	<i>Micropterus dolomieu</i>	Smallmouth Bass	SMBS
	<i>Micropterus salmoides</i>	Largemouth Bass	LRBS
	<i>Pomoxis annularis</i>	White Crappie	WHCR
	<i>Pomoxis nigromaculatus</i>	Black Crappie	BLCR
Percidae	<i>Etheostoma exile</i>	Iowa Darter	IWDR
	<i>Etheostoma nigrum</i>	Johnny Darter	JHDR
	<i>Perca flavescens</i>	Yellow Perch	YLPR
	<i>Percina caprodes</i>	Logperch	LOGP
	<i>Percina maculata</i>	Blackside Darter	BLDR
	<i>Percina shumardi</i>	River Darter	RVDR
	<i>Sander canadensis</i>	Sauger	SAUG

Family	<i>Scientific Name</i>	Common Name	Abbreviation
	<i>Sander vitreus</i>	Walleye	WALL
Sciaenidae	<i>Aplodinotus grunniens</i>	Freshwater Drum	FRDR

Table 6A-2: Species of Conservation Concern known to occur in the Bipole III Study Area

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
Vascular Plants						
<i>Adoxa moschatellina</i>	Moschatel	G5	S1			
<i>Alisma gramineum</i>	Narrow-leaved Water-plantain	G5	S1			
<i>Anemone americana</i>	Liverleaf	G5T5	S1			
<i>Aristida purpurea</i> var. <i>longiseta</i>	Red Three-awn	G5T5?	S1			
<i>Asclepias lanuginosa</i>	Hairy Milkweed	G4?	S1			
<i>Astragalus neglectus</i>	Milkvetch	G4	S1			
<i>Botrychium campestre</i>	Prairie Moonwort	G3G4	S1			
<i>Botrychium matricariifolium</i>	Daisy-leaf Moonwort	G5	S1			
<i>Carex athrostachya</i>	Long-bracted Sedge	G5	S1			
<i>Carex cryptolepis</i>	Northeastern Sedge	G4	S1			
<i>Celtis occidentalis</i>	Hackberry	G5	S1			
<i>Chamaesyce geyeri</i>	Prostrate Spurge	G5	S1			
<i>Chenopodium subglabrum</i>	Smooth Goosefoot	G3G4	S1			
<i>Clematis ligusticifolia</i>	Western Virgin's-bower	G5	S1			
<i>Cyperus erythrorhizos</i>	Red-root Flatsedge	G5	S1			
<i>Cypripedium candidum</i>	Small White Lady's-slipper	G4	S1	E	E	E
<i>Elatine americana</i>	Mud-purslane	G4	S1			
<i>Eurybia macrophylla</i>	White Wood Aster	G5TNR	S1			
<i>Festuca subverticillata</i>	Nodding Fescue	G5	S1			
<i>Gymnocarpium robertianum</i>	Limestone Oak Fern	G5	S1			
<i>Lechea intermedia</i>	Pinweed	G5	S1			
<i>Listera auriculata</i>	Auricled Twayblade	G3G4	S1			
<i>Malaxis paludosa</i>	Bog Adder's-mouth	G4	S1			
<i>Mimulus glabratus</i>	Smooth Monkeyflower	G5	S1			
<i>Mimulus glabratus</i> var. <i>jamesii</i>	Smooth Monkeyflower	G5T5	S1			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Muhlenbergia andina</i>	Foxtail Muhly	G4	S1			
<i>Oxytropis sericea</i>	Early Yellow Locoweed	G5	S1			
<i>Piptatherum canadense</i>	Canadian Rice-grass	G5	S1			
<i>Polanisia dodecandra</i> ssp. <i>dodecandra</i>	Clammyweed	G5T5?	S1			
<i>Polanisia dodecandra</i> ssp. <i>trachysperma</i>	Clammyweed	G5T5?	S1			
<i>Vernonia fasciculata</i> ssp. <i>corymbosa</i>	Western Ironweed	G5T3T5	S1			
<i>Veronicastrum virginicum</i>	Culver's-root	G4	S1	Th		
<i>Wolffia columbiana</i>	Water-meal	G5	S1			
<i>Woodsia alpina</i>	Northern Woodsia	G4	S1			
<i>Woodsia oregana</i> ssp. <i>cathcartiana</i>	Large Woodsia	G5T5	S1			
<i>Carex garberi</i>	Elk Sedge	G5	S1?			
<i>Castilleja septentrionalis</i>	Labrador Indian-paintbrush	G5	S1?			
<i>Chrysosplenium iowense</i>	Iowa Golden-saxifrage	G3?	S1?			
<i>Penstemon procerus</i>	Slender Beard-tongue	G5	S1?			
<i>Poa arctica</i> ssp. <i>caespitans</i>	Blue-grass	G5	S1?			
<i>Achnatherum richardsonii</i>	Richardson Needle Grass	G5	S1S2			
<i>Agalinis aspera</i>	Rough Purple False-foxglove	G5	S1S2			
<i>Ambrosia acanthicarpa</i>	Sandbur	G5	S1S2			
<i>Amorpha fruticosa</i>	False Indigo	G5	S1S2			
<i>Botrychium minganense</i>	Mingan Moonwort	G4	S1S2			
<i>Carex microptera</i>	Thick-spike Sedge	G5	S1S2			
<i>Penthorum sedoides</i>	Ditch-stonecrop	G5	S1S2			
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Seaside Crowfoot	G5T5	S1S2			
<i>Shinneroseris rostrata</i>	Annual Skeletonweed	G5?	S1S2			
<i>Achnatherum hymenoides</i>	Indian Rice Grass	G5	S2			
<i>Andropogon hallii</i>	Sand Bluestem	G4	S2			
<i>Arethusa bulbosa</i>	Arethusa	G4	S2			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Arisaema triphyllum</i> ssp. <i>triphyllum</i>	Jack-in-the-pulpit	G5T5	S2			
<i>Artemisia tilesii</i>	Herriot's Sage	G5	S2			
<i>Asclepias verticillata</i>	Whorled Milkweed	G5	S2			
<i>Atriplex argentea</i>	Saltbrush	G5	S2			
<i>Blysmopsis rufa</i>	Red Bulrush	G5	S2			
<i>Bouteloua curtipendula</i>	Side-oats Grama	G5	S2			
<i>Calopogon tuberosus</i>	Swamp-pink	G5	S2			
<i>Carex cristatella</i>	Crested Sedge	G5	S2			
<i>Carex maritima</i>	Seaside Sedge	G4G5	S2			
<i>Carex michauxiana</i>	Long-fruited Sedge	G5	S2			
<i>Carex microglochin</i>	False Uncina Sedge	G5?	S2			
<i>Carex sterilis</i>	Dioecious Sedge	G4	S2			
<i>Carex tetanica</i>	Rigid Sedge	G4G5	S2			
<i>Circaea lutetiana</i> ssp. <i>canadensis</i>	Large Enchanter's-nightshade	G5T5	S2			
<i>Clematis virginiana</i>	Virgin's-bower	G5	S2			
<i>Coryphantha vivipara</i>	Pincushion Cactus	G5	S2			
<i>Cryptotaenia canadensis</i>	Honewort	G5	S2			
<i>Cycloloma atriplicifolium</i>	Winged Pigseed	G5	S2			
<i>Cyperus houghtonii</i>	Houghton's Umbrella-sedge	G4?	S2			
<i>Cyperus schweinitzii</i>	Schweinitz's Flatsedge	G5	S2			
<i>Dalea villosa</i> var. <i>villosa</i>	Silky Prairie-clover	G5T5	S2			
<i>Desmodium canadense</i>	Beggar's-lice	G5	S2			
<i>Dichanthelium linearifolium</i>	White-haired Panic-grass	GNR	S2			
<i>Dichanthelium wilcoxianum</i>	Sand Millet	G5	S2			
<i>Elymus hystrix</i>	Bottle-brush Grass	G5	S2			
<i>Erigeron caespitosus</i>	Tufted Fleabane	G5	S2			
<i>Eriophorum callitrix</i>	Beautiful Cotton-grass	G5	S2			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Gentiana puberulenta</i>	Downy Gentian	G4G5	S2			
<i>Glyceria pulchella</i>	Graceful Manna Grass	G5	S2			
<i>Helianthus nuttallii</i> ssp. <i>rydbergii</i>	Tuberous-rooted Sunflower	G5T5	S2			
<i>Heteranthera dubia</i>	Water Star-grass	G5	S2			
<i>Impatiens noli-tangere</i>	Western Jewelweed	G4G5	S2			
<i>Listera borealis</i>	Northern Twayblade	G4	S2			
<i>Lysimachia quadriflora</i>	Whorled Loosestrife	G5?	S2			
<i>Mertensia lanceolata</i>	Tall Lungwort	G5	S2			
<i>Milium effusum</i>	Millet Grass	G5	S2			
<i>Milium effusum</i> var. <i>cisatlanticum</i>	Millet Grass	G5TNR	S2			
<i>Musineon divaricatum</i>	Leafy Musineon	G5	S2			
<i>Nymphaea tetragona</i>	Small Water-lily	G5	S2			
<i>Orobanche ludoviciana</i>	Louisiana Broom-rape	G5	S2			
<i>Osmorhiza claytonii</i>	Wooly or Hairy Sweet Cicely	G5	S2			
<i>Osmorhiza depauperata</i>	Blunt-fruited Sweet Cicely	G5	S2			
<i>Ostrya virginiana</i>	Hop-hornbeam	G5	S2			
<i>Pellaea glabella</i> ssp. <i>occidentalis</i>	Cliff-brake	G5T4	S2			
<i>Penstemon nitidus</i>	Smooth Blue Beard-tongue	G5	S2			
<i>Piptatherum micranthum</i>	Little-seed Rice Grass	G5	S2			
<i>Plantago maritima</i>	Seaside Plantain	G5	S2			
<i>Poa fendleriana</i>	Mutton Grass	G5	S2			
<i>Polygala verticillata</i>	Whorled Milkwort	G5	S2			
<i>Polygala verticillata</i> var. <i>isocycla</i>	Whorled Milkwort	G5T5	S2			
<i>Potamogeton illinoensis</i>	Illinois Pondweed	G5	S2			
<i>Pyrola americana</i>	Round-leaved Pyrola	G5	S2			
<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	Bristly Buttercup	G5T5	S2			
<i>Rhynchospora capillacea</i>	Horned Beakrush	G4	S2			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Sanguinaria canadensis</i>	Blood-root	G5	S2			
<i>Selaginella selaginoides</i>	Northern Spike-moss	G5	S2			
<i>Solidago riddellii</i>	Riddell's Goldenrod	G5	S2			
<i>Symphyotrichum sericeum</i>	Western Silvery Aster	G5	S2			
<i>Thermopsis rhombifolia</i>	Golden Bean	G5	S2			
<i>Torreyochloa pallida</i> var. <i>fernaldii</i>	Pale Manna Grass	G5T4Q	S2			
<i>Townsendia exscapa</i>	Silky Townsend-daisy	G5	S2			
<i>Uvularia sessilifolia</i>	Small Bellwort	G5	S2			
<i>Vaccinium caespitosum</i>	Dwarf Bilberry	G5	S2			
<i>Viola selkirkii</i>	Long-spurred Violet	G5?	S2			
<i>Woodsia glabella</i>	Smooth Woodsia	G5	S2			
<i>Arabis lyrata</i>	Lyre-leaved Rock Cress	G5	S2?			
<i>Carex emoryi</i>	Emory's Sedge	G5	S2?			
<i>Carex projecta</i>	Necklace Sedge	G5	S2?			
<i>Carex supina</i> var. <i>spaniocarpa</i>	Weak Sedge	G5T3T5	S2?			
<i>Danthonia intermedia</i>	Timber Oat Grass	G5	S2?			
<i>Elymus diversiglumis</i>	Various-glumed Wild Rye	G3G4Q	S2?			
<i>Malaxis monophyllos</i>	White Adder's-mouth	G5	S2?			
<i>Potamogeton amplifolius</i>	Large-leaved Pondweed	G5	S2?			
<i>Agalinis tenuifolia</i>	Narrow-leaved Gerardia	G5	S2S3			
<i>Boltonia asteroides</i> var. <i>recognita</i>	White Boltonia	G5T3T5	S2S3			
<i>Carex flava</i>	Yellow Sedge	G5	S2S3			
<i>Cymopterus acaulis</i>	Plains Cymopterus	G5	S2S3			
<i>Cypripedium arietinum</i>	Ram's Head Lady's-slipper	G3	S2S3			
<i>Lomatogonium rotatum</i>	Marsh Felwort	G5	S2S3			
<i>Lotus unifoliolatus</i>	prarie trefoil	G5	S2S3			
<i>Thalictrum sparsiflorum</i>	Few-flowered Meadow-rue	G5	S2S3			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Asclepias viridiflora</i>	Green Milkweed	G5	S3			
<i>Botrychium multifidum</i>	Leathery Grape-fern	G5	S3			
<i>Calamagrostis montanensis</i>	Plains Reed Grass	G5	S3			
<i>Carex castanea</i>	Chestnut Sedge	G5	S3			
<i>Carex hallii</i>	Hall's Sedge	G4?Q	S3			
<i>Carex livida</i>	Livid Sedge	G5	S3			
<i>Carex pauciflora</i>	Few -flowered Sedge	G5	S3			
<i>Cornus alternifolia</i>	Alternate-leaved Dogwood	G5	S3			
<i>Drosera anglica</i>	Oblong-leaved Sundew	G5	S3			
<i>Eriogonum flavum</i>	Yellow Eriogonum	G5	S3			
<i>Festuca hallii</i>	Plains Rough Fescue	G4	S3			
<i>Hudsonia tomentosa</i>	False Heather	G5	S3			
<i>Hypoxis hirsuta</i>	Yellow Stargrass	G5	S3			
<i>Leucophysalis grandiflora</i>	Large White-flowered Ground-cherry	G4?	S3			
<i>Linum sulcatum</i>	Grooved Yellow Flax	G5	S3			
<i>Lomatium macrocarpum</i>	Long-fruited Parsley	G5	S3			
<i>Menispermum canadense</i>	Moonseed	G5	S3			
<i>Nassella viridula</i>	Green Needle Grass	G5	S3			
<i>Phlox hoodii</i>	Moss Pink	G5	S3			
<i>Phryma leptostachya</i>	Lopseed	G5	S3			
<i>Platanthera orbiculata</i>	Round-leaved Bog Orchid	G5	S3			
<i>Potamogeton strictifolius</i>	Straightleaf Pondweed	G5	S3			
<i>Ruppia cirrhosa</i>	Widgeon-grass	G5	S3			
<i>Tripleurospermum maritimum</i>	False mayweed	G5	S3			
<i>Utricularia minor</i>	Lesser Bladderwort	G5	S3			
<i>Verbena bracteata</i>	Bracted Vervain	G5	S3			
<i>Asarum canadense</i>	Wild Ginger	G5	S3?			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Bromus porteri</i>	Porter's Chess	G5	S3?			
<i>Carex douglasii</i>	Douglas Sedge	G5	S3?			
<i>Carex hystericina</i>	Porcupine Sedge	G5	S3?			
<i>Carex oligosperma</i>	Few-fruited Sedge	G5?	S3?			
<i>Carex parryana</i>	Parry's Sedge	G4	S3?			
<i>Carex pedunculata</i>	Stalked Sedge	G5	S3?			
<i>Carex vulpinoidea</i>	Fox Sedge	G5	S3?			
<i>Leersia oryzoides</i>	Rice Cutgrass	G5	S3?			
<i>Oxytropis deflexa</i>	Reflexed Locoweed	G5	S3?			
<i>Rhynchospora alba</i>	White Beakrush	G5	S3?			
<i>Sporobolus neglectus</i>	Annual Dropseed	G5	S3?			
<i>Triadenum fraseri</i>	Marsh St. John's-wort	G5	S3?			
<i>Viola conspersa</i>	Dog Violet	G5	S3?			
<i>Carex adusta</i>	Browned Sedge	G5	S3S4			
<i>Carex alopecoidea</i>	Foxtail Sedge	G5	S3S4			
<i>Carex assiniboinensis</i>	Assiniboia Sedge	G4G5	S3S4			
<i>Carex crawei</i>	Crawe's Sedge	G5	S3S4			
<i>Corallorhiza striata</i>	Striped Coralroot	G5	S3S4			
<i>Dryopteris fragrans</i>	Fragrant Shield Fern	G5	S3S4			
<i>Gymnocarpium jessoense</i>	Northern Oak Fern	G5	S3S4			
<i>Liparis loeselii</i>	Yellow Twayblade	G5	S3S4			
<i>Botrychium pallidum</i>	Pale Moonwort	G3	SH			
<i>Cardamine bulbosa</i>	Spring Cress	G5	SH			
<i>Carex bicknellii</i>	Bicknell's Sedge	G5	SH			
<i>Lactuca floridana</i>	Woodland Lettuce	G5	SH			
<i>Bidens amplissima</i>	Beggar-ticks	G3	SNA			
<i>Bromus pubescens</i>	Canada Brome Grass	G5	SNA			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Carex albicans</i> var. <i>albicans</i>	Bellow-beaked Sedge	G5T4T5	SNA			
<i>Carex communis</i>	Fibrous-rooted Sedge	G5	SNA			
<i>Carex normalis</i>	Larger Straw Sedge	G5	SNA			
<i>Carex tribuloides</i>	Prickly Sedge	G5	SNA			
<i>Erigeron annuus</i>	White-top Fleabane	G5	SNA			
<i>Lemna minor</i>	Lesser Duckweed	G5	SNA			
<i>Arabis arenicola</i> var. <i>pubescens</i>	Arctic Rock Cress	G4G5T3?Q	SU			
<i>Cuscuta pentagona</i> var. <i>pentagona</i>	Dodder	G5T5	SU			
<i>Draba reptans</i>	Creeping Whitlow-grass	G5	SU			
<i>Galium aparine</i>	Cleavers	G5	SU			
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	Stiff Sunflower	G5T5?	SU			
<i>Orobanche uniflora</i>	One-flowered Broom-rape	G5	SU			
<i>Physostegia parviflora</i>	Dragonhead	G4G5	SU			
<i>Sisyrinchium campestre</i>	White-eyed Grass	G5	SU			
<i>Solidago simplex</i>	Sticky Goldenrod	G5	SU			
<i>Symphyotrichum robynsianum</i>	Robyns's Aster	G4G5	SU			
Non Vascular Plants						
<i>Leptogium rivulare</i>	Flooded jellyskin	G3G5	SNR			Th
Terrestrial Communities						
<i>Andropogon gerardii</i> - <i>Sporobolus heterolepis</i> - <i>Andropogon scoparius</i> herbaceous vegetation	Big Bluestem-Prairie Dropseed-little Bluestem herbaceous vegetation	GNR	S1			
<i>Festuca hallii</i> -(<i>Stipa</i> spp.) herbaceous vegetation	Plains Rough Fescue-(Spear Grass) herbaceous vegetation	GNR	S1			
<i>Distichlis stricta</i> - <i>Hordeum jubatum</i> - <i>Puccinellia nuttalliana</i> - <i>Plantago maritima</i> saline herbaceous vegetation	Alkali Grass-Wild Barley-Nuttall's Salt Meadow Grass-Seaside Plantain saline herbaceous vegetation	GNR	S2			

PROVINCIAL SCIENTIFIC NAME	PROVINCIAL COMMON NAME	GRANK	S RANK	MBESA	SARA	COSEWIC
<i>Fraxinus pennsylvanica</i> - <i>Ulmus americana</i> - (<i>Celtis occidentalis</i> , <i>Tilia americana</i>) forest	Green Ash-American Elm-(Hackberry, Basswood) forest	GNR	S2			
<i>Andropogon scoparius</i> - <i>Bouteloua</i> spp. (<i>curtipendula</i> , <i>gracilis</i>)- <i>Carex filifolia</i> herbaceous vegetation	Little Bluestem-Grama Grass (Blue, Side- oats)-Thread-leaved Sedge herbaceous vegetation	GNR	S3			
<i>Fraxinus pennsylvanica</i> -(<i>Ulmus americana</i>)- <i>Acer negundo</i> forest	Green Ash-(American Elm)-Manitoba Maple forest	GNR	S3			
<i>Stipa comata</i> - <i>Bouteloua gracilis</i> - <i>Carex filifolia</i> herbaceous vegetation	Needle-and-thread-Blue Grama-Thread- leaved Sedge herbaceous vegetation	GNR	S3			
<i>Phragmites australis</i> herbaceous vegetation	Common Reed herbaceous vegetation	GNR	S3?			
<i>Quercus macrocarpa</i> / <i>Amelanchier alnifolia</i> / <i>Aralia nudicaulis</i> - <i>Carex assiniboinensis</i> forest	Bur Oak/Saskatoon Serviceberry/Sarsaparilla-Assiniboia Sedge forest	GNR	S3?			
<i>Populus tremuloides</i> - <i>Quercus macrocarpa</i> / <i>Aralia nudicaulis</i> forest	Trembling Aspen-Bur Oak/Sarsaparilla forest	GNR	S3S4			
<i>Salix exigua</i> shrubland	Sandbar Willow shrubland	GNR	S3S4			
<i>Scolochloa festucacea</i> herbaceous vegetation	Sprangletop herbaceous vegetation	GNR	S3S4			

Note:
Plant information obtained from Manitoba Conservation; G (global), S (provincial), Rank 1 (very rare), Rank 2 (rare), Rank 3 (uncommon), Rank 4 (widespread), Rank 5 (demonstrably widespread), GNR/SNR (species not ranked), SNA (rank not applicable), SH (historically known), SU (possibly in peril), E (endangered), Th (threatened), ? (inexact or uncertain), T (rank for subspecific taxon), Q (taxonomic questions involved).

Table 6A-3: Flora Observed and Distribution of Species along the Local Study Area by Ecoregion

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
VASCULAR SPECIES										
Pteridophytes										
EQUISETACEAE	HORSETAIL FAMILY									
<i>Equisetum arvense</i>	Common Horsetail	S5		X		X	X	X	X	X
<i>Equisetum fluviatile</i>	Swamp Horsetail	S5			X		X	X		
<i>Equisetum hyemale</i>	Common Scouring-rush	S5		X		X			X	
<i>Equisetum pratense</i>	Meadow Horsetail	S4S5						X		
<i>Equisetum sylvaticum</i>	Wood Horsetail	S5				X	X			
<i>Equisetum scirpoides</i>	Dwarf Scouring-rush	S5		X	X	X	X	X	X	
<i>Equisetum</i> sp.	Horsetail					X	X			
LYCOPODIACEAE	CLUB-MOSS FAMILY									
<i>Lycopodium annotinum</i>	Stiff Club-moss	S5					X	X	X	
<i>Lycopodium obscurum</i>	Ground-pine	S5							X	
OPHIOGLOSSACEAE	ADDER'S TONGUE FAMILY									
<i>Botrychium virginianum</i>	Common Grape-fern	S5							X	X
PTERIDACEAE	MAIDENHAIR FERN FAMILY									
<i>Cryptogramma acrostichoides</i>	Parsley Fern	S4					X			
SELAGINELLACEAE	SPIKEMOSS FAMILY									

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Selaginella densa</i>	Prairie Club-moss	S4									X
Gymnosperms											
CUPRESSACEAE	CYPRESS FAMILY										
<i>Juniperus communis</i>	Common Juniper	S5		X	X	X	X	X	X		
<i>Juniperus horizontalis</i>	Creeping Juniper	S5		X					X		X
PINACEAE	PINE FAMILY										
<i>Abies balsamea</i>	Balsam Fir	S5									X
<i>Larix laricina</i>	Tamarack	S5		X	X	X	X	X	X		X
<i>Picea glauca</i>	White Spruce	S5			X	X	X	X	X		X
<i>Picea mariana</i>	Black Spruce	S5		X	X	X	X	X	X		X
<i>Pinus banksiana</i>	Jack Pine	S5		X	X	X	X	X	X		X
Angiosperms – Dicotyledons											
ACERACEAE	MAPLE FAMILY										
<i>Acer negundo</i>	Manitoba Maple	S5								X	X
ALISMATACEAE	ARROWHEAD FAMILY										
<i>Alisma triviale</i>	Water Plantain	S5								X	X
<i>Sagittaria cuneata</i>	Northern Arrowhead	S5									X
ANACARDIACEAE	SUMAC FAMILY										
<i>Toxicodendron rydbergii</i>	Poison Ivy	S5								X	X
APIACEAE	CARROT FAMILY										
<i>Cicuta bulbifera</i>	Bulblet-bearing Water	S5					X				

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
	Hemlock									
<i>Cicuta maculata</i>	Spotted Water Hemlock	S5						X	X	
<i>Heracleum lanatum</i>	Cow parsnip	S5							X	X
<i>Osmorrhiza longistylis</i>	Sweet Cicely	S5								X
<i>Sanicula marilandica</i>	Seneca Snakeroot	S5							X	X
<i>Sium suave</i>	Water Parsnip	S5								X
<i>Zizia aptera</i>	Heart-leaved Alexander	S5							X	X
<i>Zizia aurea</i>	Golden Alexanders	S5							X	X
APOCYNACEAE	DOGBANE FAMILY									
<i>Apocynum androsaemifolium</i>	Spreading Dogbane	S5							X	X
<i>Apocynum cannabinum</i>	Indian Hemp	S4						X	X	
ARACEAE	ARUM FAMILY									
<i>Calla palustris</i>	Wild Calla	S5					X	X		
ARALIACEAE	GINSENG FAMILY									
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	S5					X	X	X	X
ASCLEPIADACEAE	MILKWEED FAMILY									
<i>Asclepias speciosa</i>	Showy Milkweed	S4								X
ASTERACEAE	ASTER FAMILY									
<i>Achillea millefolium</i>	Yarrow	S5		X	X	X	X	X	X	X
<i>Achillea sibirica</i>	Many-flowered Yarrow	S5							X	

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Agoseris glauca</i>	False Dandelion	S5									X
<i>Ambrosia psilostachya</i>	Perennial Ragweed	S5									X
<i>Ambrosia</i> sp.	Ragweed										X
<i>Ambrosia trifida</i>	Giant Ragweed	S5									X
<i>Antennaria howellii</i>	Howell's Pussytoes	S4S5									X
<i>Antennaria neglecta</i>	Field Pussytoes	S4S5									X
<i>Antennaria parvifolia</i>	Small-leaved Everlasting	S4									X
<i>Antennaria</i> sp.	Pussytoes										X
<i>Arctium minus</i>	Lesser Burdock	SNA	X							X	X
<i>Arctium</i> sp.	Burdock										X
<i>Artemisia ludoviciana</i>	Prairie Sage	S5									X
<i>Artemisia</i> sp.	Sage					X				X	X
<i>Bidens cernua</i>	Smooth Begarticks	S5									X
<i>Cirsium arvense</i>	Canada Thistle	SNA	X*							X	X
<i>Cirsium drummondii</i>	Short-stemmed Thistle	S4				X					
<i>Cirsium</i> sp.	Thistle									X	X
<i>Cirsium vulgare</i>	Bull Thistle	SNA	X								X
<i>Conyza canadensis</i>	Canada fleabane	S5									X
<i>Doellingeria umbellata</i>	Flat-topped White Aster	S5								X	
<i>Erigeron glabellus</i>	Smooth Fleabane	S4									X
<i>Erigeron philadelphicus</i>	Philadelphia Fleabane	S5								X	X
<i>Erigeron</i> sp.	Fleabane										X
<i>Euthamia graminifolia</i>	Flat-topped Goldenrod	S5									X
<i>Eutrochium maculatum</i>	Spotted Joepyeweed	S5								X	
<i>Helianthus maximiliani</i>	Narrow-leaved	S5									X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
	Sunflower									
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	Stiff Sunflower	SU								X
<i>Helianthus</i> sp.	Sunflower								X	
<i>Hieracium umbellatum</i>	Northern Hawkweed	S5							X	
<i>Liatris punctata</i>	Dotted Blazing Star	S4								X
<i>Packera paupercula</i>	Balsam Groundsel	S5								X
<i>Petasites frigidus</i> var. <i>palmatius</i>	Palmate-leaved Coltsfoot	S5		X	X	X	X	X	X	X
<i>Petasites frigidus</i> var. <i>sagittatus</i>	Arrow-leaved Coltsfoot	S5						X	X	X
<i>Prenanthes alba</i>	White Rattlesnakeroot	S4S5							X	
<i>Prenanthes racemosa</i>	Glaucous White Lettuce	S4								X
<i>Ratibida columnifera</i>	Prairie Coneflower	S4								X
<i>Rudbeckia hirta</i>	Black-eyed Susan	SNA	X						X	X
<i>Rudbeckia laciniata</i>	Tall coneflower	S4								X
<i>Solidago canadensis</i>	Canada Goldenrod	S5							X	X
<i>Solidago gigantea</i>	Tall Goldenrod	S5								X
<i>Solidago hispida</i>	Hairy Goldenrod	S5						X		
<i>Solidago simplex</i>	Decumbent Goldenrod	SU								X
<i>Solidago</i> sp.	Goldenrod			X	X	X	X	X	X	X
<i>Sonchus arvensis</i>	Field Sow-thistle	SNA	X				X		X	X
<i>Symphyotrichum boreale</i>	Northern Bog Aster	S5			X			X	X	X
<i>Symphyotrichum ciliolatum</i>	Lindley's Aster	S5			X	X	X	X	X	X
<i>Symphyotrichum ericoides</i>	Many-flowered Aster	S4								X
<i>Symphyotrichum laeve</i>	Smooth Aster	S5							X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Symphyotrichum lateriflorum</i>	Calico Aster	S4							X	X
<i>Symphyotrichum novae-angliae</i>	New England Aster	S4							X	
<i>Symphyotrichum</i> sp.	Aster			X		X	X		X	X
<i>Taraxacum officinale</i>	Common Dandelion	SNA	X			X	X	X	X	X
<i>Tephrosia palustris</i>	Marsh Ragwort	S5								X
BALSAMINACEAE	TOUCH-ME-NOT FAMILY									
<i>Impatiens capensis</i>	Jewelweed	S5							X	X
<i>Impatiens noli-tangere</i>	Western Jewelweed	S2								X
BETULACEAE	BIRCH FAMILY									
<i>Alnus viridis</i>	Green Alder	S5			X	X	X	X	X	X
<i>Alnus incana</i>	Speckled Alder	S5		X		X	X	X	X	X
<i>Betula occidentalis</i>	River Birch	S4S5				X				
<i>Betula papyrifera</i>	Paper Birch	S5				X	X	X	X	
<i>Betula pumila</i>	Dwarf Birch	S5		X	X	X	X	X	X	X
<i>Betula</i> sp.	Birch									X
<i>Corylus americana</i>	American Hazelnut	S4							X	X
<i>Corylus cornuta</i>	Beaked Hazelnut	S5							X	X
BORAGINACEAE	BORAGE FAMILY									
<i>Hakelia deflexa</i> var. <i>americana</i>	American Stickseed	S5								X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Lithospermum canescens</i>	Hoary Puccoon	S5									X
<i>Lithospermum incisum</i>	Linear-leaved Puccoon	S3									X
<i>Mertensia paniculata</i>	Tall Lungwort	S5				X	X				
BRASSICACEAE	MUSTARD FAMILY										
<i>Lepidium densiflorum</i>	Pepperwort	S5									X
CALLITRICHACEAE	STARWORT FAMILY										
<i>Callitriche verna</i>	Water-starwort	S5							X		
CAMPANULACEAE	BELLFLOWER FAMILY										
<i>Campanula rotundifolia</i>	Harebells	S5				X	X	X			X
CANNABACEAE	HEMP FAMILY										
<i>Humulus lupulus</i>	Common Hop	SNA								X	X
CAPRIFOLIACEAE	HONEYSUCKLE FAMILY										
<i>Diervilla lonicera</i>	Bush-Honeysuckle	S5						X	X		
<i>Linnaea borealis</i>	Twinline	S5		X	X	X	X	X	X	X	X
<i>Lonicera dioica</i>	Twining Honeysuckle	S5				X	X	X	X	X	X
<i>Lonicera involucrata</i>	Involucrate Honeysuckle	S4					X				
<i>Lonicera villosa</i>	Blue Fly Honeysuckle	S5				X	X	X	X		
<i>Symphoricarpos albus</i>	Snowberry	S5				X		X	X	X	X
<i>Symphoricarpos occidentalis</i>	Western Snowberry	S5							X	X	X
<i>Viburnum edule</i>	Low-bush Cranberry	S5		X		X	X	X	X	X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Viburnum lentago</i>	Nannyberry	S4							X	X
<i>Viburnum opulus</i>	High-bush Cranberry	S5							X	X
<i>Viburnum rafinesquianum</i>	Downy Arrowwood	S4							X	X
CARYOPHYLLACEAE	PINK FAMILY									
<i>Moehringia lateriflora</i>	Blunt-leaved sandwort	S5								X
<i>Stellaria calycantha</i>	Northern Starwort	SU							X	
<i>Stellaria longifolia</i>	Long-leaved Starwort	S5						X		
CHENOPODIACEAE	GOOSEFOOT FAMILY									
<i>Chenopodium leptophyllum</i>	Narrow-leaved Goosefoot	SU								X
<i>Corispermum americanum</i>	American Bugseed	S2S3								X
CLUSIACEAE	GARCINIA FAMILY									
<i>Hypericum majus</i>	Large Canada St. John's-wort	S4								X
CONVOLVULACEAE	CONVOLVULUS FAMILY									
<i>Calystegia sepium</i>	Hedge Bindweed	S4							X	
<i>Convolvulus arvensis</i>	Field Bindweed	SNA	X						X	
CORNACEAE	DOGWOOD FAMILY									
<i>Cornus canadensis</i>	Bunchberry	S5				X	X	X	X	
<i>Cornus sericea</i>	Red-osier Dogwood	S5						X	X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
DROSERACEAE	SUNDEW FAMILY									
<i>Drosera anglica</i>	Oblong-leaved Sundew	S3					X	X		
<i>Drosera linearis</i>	Slender-leaved Sundew	S2						X		
<i>Drosera rotundifolia</i>	Round-leaved Sundew	S5		X		X	X	X		
ELAEAGNACEAE	OLEASTER FAMILY									
<i>Elaeagnus commutata</i>	Wolf-willow	S4								X
<i>Shepherdia canadensis</i>	Canada Buffaloberry	S5		X		X	X	X	X	X
EMPETRACEAE	CROWBERRY FAMILY									
<i>Empetrum nigrum</i>	Crowberry	S5		X				X		
ERICACEAE	HEATH FAMILY									
<i>Andromeda polifolia</i>	Bog-rosemary	S5					X	X	X	
<i>Arctostaphylos uva-ursi</i>	Bearberry	S5		X		X	X	X	X	X
<i>Arctous alpina</i>	Alpine Bearberry	S5		X	X	X	X	X		
<i>Chamaedaphne calyculata</i>	Leatherleaf	S5		X		X	X	X		
<i>Gaultheria hispidula</i>	Creeping Snowberry	S5				X				
<i>Kalmia polifolia</i>	Pale Laurel	S5		X		X	X	X		
<i>Moneses uniflora</i>	One-flowered Wintergreen	S5				X				
<i>Orthilia secunda</i>	One-sided Wintergreen	S5			X	X		X	X	
<i>Pyrola asarifolia</i>	Pink Wintergreen	S5				X	X	X		X
<i>Pyrola chlorantha</i>	Greenish-flowered Wintergreen	S5							X	

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Pyrola minor</i>	Lesser Wintergreen	S3S4		X						
<i>Pyrola</i> sp.	Wintergreen			X		X	X	X	X	X
<i>Rhododendron groenlandicum</i>	Labrador Tea	S5		X	X	X	X	X	X	
<i>Rhododendron tomentosum</i>	Trapper's Tea	S4		X			X			
<i>Vaccinium angustifolium</i>	Blueberry	S4								X
<i>Vaccinium caespitosum</i>	Dwarf Bilberry	S2						X		
<i>Vaccinium myrtilloides</i>	Velvetleaf Blueberry	S5					X	X		
<i>Vaccinium oxycoccus</i>	Bog Cranberry	S5		X		X	X	X	X	
<i>Vaccinium</i> sp.	Blueberry/Cranberry									X
<i>Vaccinium uliginosum</i>	Tall Sweet Blueberry	S5		X	X	X	X			
<i>Vaccinium vitis-idaea</i>	Dry-ground Cranberry	S5		X	X	X	X	X	X	
FABACEAE	PEA FAMILY									
<i>Astragalus agrestis</i>	Purple Milk-vetch	S5								X
<i>Astragalus canadensis</i>	Canada Milkvetch	S5							X	X
<i>Caragana arborescens</i>	Common Caragana	SNA	X						X	
<i>Dalea candida</i>	White Prairie-clover	S4								X
<i>Dalea purpurea</i>	Purple Prairie-clover	S4								X
<i>Dalea villosa</i>	Hairy Prairie-clover	S2								X
<i>Glycyrrhiza lepidota</i>	Wild Licorice	S5								X
<i>Hedysarum alpinum</i>	American Hedysarum	S4						X		
<i>Lathyrus ochroleucus</i>	Cream-coloured Vetchling	S4S5				X	X	X	X	X
<i>Lathyrus palustris</i>	Marsh Vetchling	S5							X	X
<i>Lathyrus venosus</i>	Wild Peavine	S5				X			X	

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Medicago lupulina</i>	Black Medic	SNA	X								X
<i>Medicago sativa</i>	Alfalfa	SNA	X							X	X
<i>Melilotus alba</i>	White Sweetclover	SNA	X*				X			X	X
<i>Melilotus officinalis</i>	Yellow Sweetclover	SNA	X*				X				
<i>Trifolium hybridum</i>	Alsike Clover	SNA	X							X	X
<i>Trifolium pratense</i>	Red Clover	SNA	X							X	X
<i>Trifolium repens</i>	White Clover	SNA	X							X	X
<i>Trifolium sp.</i>	Clover									X	X
<i>Vicia americana</i>	American Vetch	S5							X	X	X
FAGACEAE	BEECH FAMILY										
<i>Quercus macrocarpa</i>	Bur Oak	S5								X	X
FUMARIACEAE	FUMITORY FAMILY										
<i>Corydalis sempervirens</i>	Pink and Yellow Corydalis	S5					X				
GENTIANACEAE	GENTIAN FAMILY										
<i>Gentiana andrewsii</i>	Closed Gentian	S4									X
<i>Gentianella amarella</i>	Northern Gentian	S5					X				
<i>Gentianopsis crinita</i>	Fringed Gentian	S4								X	X
<i>Menyanthes trifoliata</i>	Bog Bean	S5			X	X	X	X			
GROSSULARIACEAE	CURRANT FAMILY										
<i>Ribes americanum</i>	Wild Black Currant	S5									X
<i>Ribes hudsonianum</i>	Northern Black Currant	S5				X					

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Ribes lacustre</i>	Swamp Gooseberry	S4						X		
<i>Ribes oxycanthoides</i>	Northern Gooseberry	S5							X	X
<i>Ribes triste</i>	Swamp Red Currant	S5					X	X	X	X
HIPPURIDACEAE		MARE'S-TAIL FAMILY								
<i>Hippuris vulgaris</i>	Common Mare's Tail	S5					X			X
LAMIACEAE		MINT FAMILY								
<i>Agastache foeniculum</i>	Giant Hyssop	S5							X	
<i>Lycopus asper</i>	Western Waterhorehound	S4							X	X
<i>Lycopus uniflorus</i>	Northern Waterhorehound	S5							X	X
<i>Lycopus</i> sp.	Waterhorehound								X	
<i>Mentha arvensis</i>	Mint	S5							X	X
<i>Monarda fistulosa</i>	Wild Bergamot	S4								X
<i>Scutellaria galericulata</i>	Marsh Skullcap	S5						X	X	X
<i>Stachys palustris</i>	Marsh Hedge-nettle	S5						X		
LEMNACEAE		DUCKWEED FAMILY								
<i>Lemna minor</i>	Lesser Duckweed	SU								X
LENTIBULARIACEAE		BLADDERWORT FAMILY								
<i>Utricularia intermedia</i>	Flat-leaved Bladderwort	S5						X		
<i>Utricularia macrorhiza</i>	Greater Bladderwort	S5					X			

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
LYTHRACEAE	LOOSESTRIFE FAMILY									
<i>Lythrum salicaria</i>	Purple Loosestrife	SNA	X*							X
MYRICACEAE	WAX-MYRTLE FAMILY									
<i>Myrica gale</i>	Sweet Gale	S5						X		
MYRSINACEAE	MYRSINE FAMILY									
<i>Lysimachia maritima</i>	Sea Milkwort	S4S5							X	
<i>Lysimachia ciliata</i>	Fringed Loosestrife	S5						X		X
<i>Lysimachia thyrsoiflora</i>	Tufted Loosestrife	S5								X
<i>Lysimachia</i> sp.	Loosestrife						X			X
<i>Trientalis borealis</i>	Northern Starflower	S5						X	X	
OLEACEAE	OLIVE FAMILY									
<i>Fraxinus nigra</i>	Black Ash	S3							X	
<i>Fraxinus pensylvanica</i>	Green Ash	S5							X	X
<i>Fraxinus</i> sp.	Ash								X	
ONAGRACEAE	EVENING PRIMROSE FAMILY									
<i>Circaea alpina</i>	Small Enchanter's Nightshade	S5						X		
<i>Circaea lutetiana</i>	Large Enchanter's Nightshade	S2								X
<i>Chamerion angustifolium</i>	Fireweed	S5		X	X	X	X	X	X	X
<i>Epilobium glandulosum</i>	Northern Willowherb	S5						X	X	

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Epilobium palustre</i>	Marsh Willowherb	S5				X	X	X		
<i>Oenothera biennis</i>	Evening Primrose	S5							X	
OXALIDACEAE	WOOD-SORREL FAMILY									
<i>Oxalis stricta</i>	Yellow Wood-sorrel	S4S5								X
PARNASSIACEAE	PARNASUS FAMILY									
<i>Parnassia palustris</i>	Northern Grass-of-Parnassus	S4							X	
PLANTAGINACEAE	PLANTAIN FAMILY									
<i>Plantago major</i>	Common Plantain	SNA	X						X	X
POLYGALACEAE	MILKWORT FAMILY									
<i>Polygala paucifolia</i>	Fringed Milkwort	S4							X	
<i>Polygala senega</i>	Seneca Root	S4							X	X
POLYGONACEAE	SMARTWEED FAMILY									
<i>Persicaria amphibia</i>	Water Smartweed	S5					X	X	X	X
<i>Persicaria lapathifolia</i>	Pale Smartweed	S5								X
<i>Polygonum</i> sp.	Smartweed									X
<i>Rumex crispus</i>	Curly Dock	SNA	X							X
RANUNCULACEAE	CROWFOOT FAMILY									
<i>Actaea rubra</i>	Baneberry	S5				X	X		X	X
<i>Anemone canadensis</i>	Canada Anemone	S5						X	X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Anemone cylindrica</i>	Thimbleweed	S5							X	X
<i>Anemone multifida</i>	Cut-leaved Anemone	S5				X	X			
<i>Anemone parviflora</i>	Small Wood Anemone	S4		X						
<i>Anemone patens</i>	Prairie Crocus	S4						X		
<i>Anemone quinquefolia</i>	Wood Anemone	S5						X	X	X
<i>Aquilegia canadensis</i>	Wild Columbine	S5						X		
<i>Aquilegia</i> sp.	Columbine									X
<i>Caltha palustris</i>	Marsh Marigold	S5					X	X	X	
<i>Coptis trifolia</i>	Goldthread	S5						X	X	
<i>Ranunculus abortivus</i>	Smooth-leaved Buttercup	S5								X
<i>Ranunculus aquatilis</i>	Water Crowfoot	S5						X		
<i>Ranunculus cymbalaria</i>	Seaside Buttercup	S5								X
<i>Ranunculus gmelinii</i>	Small Yellow Water-crowfoot	S5					X			
<i>Ranunculus lapponicus</i>	Lapland Buttercup	S5						X		
<i>Ranunculus rhomboideus</i>	Early Yellow Buttercup	S4							X	
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	S5								X
<i>Ranunculus</i> sp.	Buttercup									X
<i>Thalictrum dasycarpum</i>	Hairy Meadowrue	S5							X	X
<i>Thalictrum</i> sp.	Meadowrue								X	X
<i>Thalictrum venulosum</i>	Veiny Meadowrue	S5							X	X
<hr/>										
RHAMNACEAE	BUCKTHORN FAMILY									
<i>Rhamnus alnifolia</i>	Alder-leaved Buckthorn	S5		X		X	X	X	X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
ROSACEAE	ROSE FAMILY									
<i>Amelanchier alnifolia</i>	Saskatoon	S5				X	X	X	X	X
<i>Crataegus chrysoarpa</i>	Round-leaved Hawthorn	S4								X
<i>Comarum palustre</i>	Marsh Cinquefoil	S5			X	X	X	X		X
<i>Dasiphora fruticosa</i>	Shrubby cinquefoil	S5		X	X		X	X	X	X
<i>Fragaria virginiana</i>	Smooth Wild Strawberry	S5		X	X	X	X	X	X	X
<i>Geum aleppicum</i>	Yellow Avens	S5							X	
<i>Geum rivale</i>	Purple Avens	S4							X	
<i>Geum triflorum</i>	Three-flowered Avens	S4							X	
<i>Potentilla anserina</i>	Silver Weed	S5								X
<i>Potentilla norvegica</i>	Rough Cinquefoil	S5						X		
<i>Prunus nigra</i>	Canada Plum	S4								X
<i>Prunus pensylvanica</i>	Pin Cherry	S5					X	X		X
<i>Prunus pumila</i>	Ground Cherry	S4								X
<i>Prunus sp.</i>	Cherry							X		
<i>Prunus virginiana</i>	Chokecherry	S5						X	X	X
<i>Rosa acicularis</i>	Prickly Rose	S5		X	X	X	X	X	X	X
<i>Rosa sp.</i>	Rose			X					X	X
<i>Rosa woodsii</i>	Wood's Rose	S4								X
<i>Rubus acaulis</i>	Stemless Raspberry	S5		X	X		X	X		
<i>Rubus chamaemorus</i>	Cloud Berry	S5		X		X	X	X		
<i>Rubus idaeus</i>	Raspberry	S5		X			X	X	X	X
<i>Rubus pubescens</i>	Trailing Dewberry	S5				X	X	X	X	X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Sibbaldiopsis tridentata</i>	Three-toothed Cinquefoil	S5				X				
<i>Spiraea alba</i>	Meadowsweet	S5							X	X
RUBIACEAE	MADDER FAMILY									
<i>Galium boreale</i>	Northern Bedstraw	S5		X		X	X	X	X	X
<i>Galium labradoricum</i>	Northern Bog Bedstraw	S5				X	X	X		X
<i>Galium trifidum</i>	Three-petal Bedstraw	S5							X	X
<i>Galium triflorum</i>	Sweet-scented Bedstraw	S5					X	X	X	X
SALICAEAE	WILLOW FAMILY									
<i>Populus balsamifera</i>	Balsam Poplar	S5				X	X	X	X	X
<i>Populus deltoides</i>	Cottonwood	S4								X
<i>Populus tremuloides</i>	Trembling Aspen	S5		X		X	X	X	X	X
<i>Salix bebbiana</i>	Bebb's Willow	S5				X	X	X	X	X
<i>Salix exigua</i>	Sandbar Willow	S5							X	X
<i>Salix lutea</i>	Yellow Willow	S4							X	
<i>Salix monticola</i>	Mountain Willow	S4S5							X	X
<i>Salix myrtilifolia</i>	Myrtle-leaved Willow	S5		X	X	X	X	X	X	
<i>Salix pedicellaris</i>	Bog Willow	S5		X		X	X	X		
<i>Salix petiolaris</i>	Willow	S4								X
<i>Salix planifolia</i>	Flat-leaved Willow	S5		X		X	X	X		
<i>Salix</i> sp.	Willow			X	X	X	X		X	X
<i>Salix vestita</i>	Snow Willow	S3		X	X		X			
SANTALACEAE	SANDALWOOD FAMILY									

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Comandra umbellata</i>	Bastard Toadflax	S5						X	X	X
<i>Geocaulon lividum</i>	Northern Comandra	S5		X		X	X		X	
SARRACENIACEAE	PITCHER PLANT FAMILY									
<i>Sarracenia purpurea</i>	Pitcher Plant	S5					X	X		
SAXIFRAGACEAE	SAXIFRAGE FAMILY									
<i>Mitella nuda</i>	Mitrewort	S5		X		X	X	X	X	X
SCROPHULARIACEAE	FIGWORT FAMILY									
<i>Castilleja coccinea</i>	Scarlet Paintbrush	S5							X	X
<i>Linaria vulgaris</i>	Yellow Toadflax	SNA	X							X
<i>Melampyrum lineare</i>	Cow-wheat	S5						X		
<i>Pedicularis canadensis</i>	Wood-betony	S4								X
<i>Pedicularis labradorica</i>	Labrador Lousewort	S4							X	
<i>Veronica peregrina</i>	Neckweed	S5								X
SOLANACEAE	POTATO FAMILY									
<i>Physalis sp.</i>	Ground Cherry									X
<i>Physalis virginiana</i>	Prairie Ground Cherry	S4								X
ULMACEAE	ELM FAMILY									
<i>Ulmus americana</i>	American Elm	S4								X
URTICACEAE	NETTLE FAMILY									

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Urtica dioica</i>	Stinging Nettle	S5							X	X
VALERIANACEAE	VALERIAN FAMILY									
<i>Valeriana dioica</i>	Northern Valerian	S4								X
VERBENACEAE	VERVAIN FAMILY									
<i>Phryma leptostachya</i>	Lopseed	S3								X
VIOLACEAE	VIOLET FAMILY									
<i>Viola adunca</i>	Early Blue Violet	S5							X	
<i>Viola canadensis</i>	Canada Violet	S5								X
<i>Viola nephrophylla</i>	Bog Violet	S5								X
<i>Viola renifolia</i>	Kidney-leaved Violet	S5		X	X		X	X	X	X
<i>Viola sp.</i>	Violet					X	X	X	X	X
Angiosperms – Monocotyledons										
CYPERACEAE	SEDGE FAMILY									
<i>Carex aurea</i>	Golden Sedge	S5								X
<i>Carex aquatilis</i>	Water Sedge	S5					X	X		
<i>Carex atherodes</i>	Awned Sedge	S5					X			X
<i>Carex backii</i>	Back's Sedge	S4S5								X
<i>Carex buxbaumii</i>	Brown Sedge	S4S5								X
<i>Carex canescens</i>	Grey Sedge	S5						X		
<i>Carex capillaris</i>	Hair-like Sedge	S5				X	X			X
<i>Carex chordorrhiza</i>	Prostrate Sedge	S5					X	X		
<i>Carex concinna</i>	Beautiful Sedge	S4S5				X	X	X		

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Carex deweyana</i>	Dewey's Sedge	S5									X
<i>Carex diandra</i>	Two-stamened Sedge	S5					X				
<i>Carex disperma</i>	Two-seeded Sedge	S5						X	X		
<i>Carex granularis</i>	Granular Sedge	S4							X		
<i>Carex gynocrates</i>	Bog Sedge	S5					X	X			
<i>Carex inops</i>	Long-stolon Sedge	SU							X	X	
<i>Carex interior</i>	Inland Sedge	S4?									X
<i>Carex lacustris</i>	Lakeshore Sedge	S5									X
<i>Carex limosa</i>	Mud Sedge	S5					X				
<i>Carex magellanica</i>	Bog Sedge	S5					X	X			
<i>Carex pellita</i>	Woolly Sedge	S5					X	X	X	X	
<i>Carex scirpoidea</i>	Rush-like Sedge	S5						X			
<i>Carex siccata</i>	Dry-spike Sedge	S5									X
<i>Carex</i> sp.	Sedge			X	X	X	X	X	X	X	X
<i>Carex trisperma</i>	Three-seeded Sedge	S5					X				
<i>Carex utriculata</i>	Beaked Sedge	S5			X				X		
<i>Carex vaginata</i>	Sheathed Sedge	S5					X	X			
<i>Cyperus schweinitzii</i>	Schweinitz's Flatsedge	S2									X
<i>Eleocharis palustris</i>	Common Spike-rush	S5					X	X	X	X	
<i>Eleocharis</i> sp.	Spike-rush							X			X
<i>Eriophorum angustifolium</i>	Cotton-grass	S5		X				X			X
<i>Schoenoplectus acutus</i>	Hard-stem Bulrush	S4									X
<i>Schoenoplectus</i> sp.	Bulrush										X
<i>Schoenoplectus tabernaemontani</i>	Soft-stem Bulrush	S5									X
<i>Scirpus microcarpus</i>	Small Fruited-bulrush	S5									X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Trichophorum alpinum</i>	Alpine Bulrush	S5					X			
<i>Trichophorum cespitosum</i>	Tufted Bulrush	S4						X		
IRIDACEAE	IRIS FAMILY									
<i>Iris versicolor</i>	Blue Flag	S4							X	X
<i>Sisyrinchium montanum</i>	Blue-eyed Grass	S5								X
JUNCACEAE	RUSH FAMILY									
<i>Juncus alpinoarticulatus</i>	Alpine Rush	S5								X
<i>Juncus arcticus</i>	Arctic Rush	S5						X	X	X
<i>Juncus</i> sp.	Rush									X
<i>Juncus tenuis</i>	Path Rush	S5								X
JUNCAGINACEAE	ARROW-GRASS FAMILY									
<i>Scheuchzeria palustris</i>	Pod-grass	S4?						X		
<i>Triglochin maritima</i>	Seaside Arrow-grass	S5							X	X
<i>Triglochin palustris</i>	Marsh Arrow-grass	S5							X	
LILIACEAE	LILY FAMILY									
<i>Allium cernuum</i>	Nodding Onion	SNA								X
<i>Hypoxis hirsuta</i>	Yellow Star Grass	S3								X
<i>Lilium philadelphicum</i>	Wood Lily	S4						X	X	
<i>Maianthemum canadense</i>	Canada May Flower	S5		X		X	X	X	X	X
<i>Maianthemum stellatum</i>	Solomon's Seal	S5							X	X
<i>Maianthemum trifolium</i>	Three-leaved Solomon's	S5				X	X	X		

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
	Seal									
<i>Prosartes trachycarpa</i>	Rough-fruited Fairy-bells	S4								X
<i>Smilax lasioneura</i>	Carrion Vine	S4							X	X
<i>Streptopus lanceolatus</i>	Twisted Stalk	S4						X		
<i>Streptopus</i> sp.	Twisted Stalk									X
<i>Trillium cernuum</i>	Nodding Trillium	S4								X
<i>Zigadenus elegans</i>	Smooth Camas	S5						X	X	X
ORCHIDACEAE	ORCHID FAMILY									
<i>Amerorchis rotundifolia</i>	Small Round-leaved Orchid	S5						X		
<i>Coeloglossom viride</i>	Long-bracted Orchid	S5								X
<i>Corallorhiza trifida</i>	Early Coral-root	S5							X	
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-slipper	S4						X		X
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Large Yellow Lady's-slipper	S5?								X
<i>Cypripedium reginae</i>	Showy Lady's-slipper	S3							X	
<i>Cypripedium</i> sp.	Lady's-slipper								X	X
<i>Goodyera repens</i>	Lesser Rattlesnake-Plantain	S5				X				
<i>Platanthera aquilonis</i>	Northern Green Bog Orchid	S5				X	X			
<i>Platanthera obtusata</i>	Blunt-leaf Rein Orchid	S5					X			
<i>Platanthera</i> sp.	Rein Orchid						X	X		

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion						
				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>Spiranthes romanzoffiana</i>	Hooded Ladies'-tresses	S5					X			
POACEAE	GRASS FAMILY									
<i>Agrostis scabra</i>	Ticklegrass	S5					X		X	X
<i>Agrostis</i> sp.	Bent Grass						X			
<i>Agrostis stolonifera</i>	Creeping Bent	SNA	X							X
<i>Andropogon gerardii</i>	Big Bluestem	S4								X
<i>Andropogon scoparius</i>	Little Bluestem	S4								X
<i>Anthoxanthum hirtum</i>	Hairy Sweet Grass	S5							X	X
<i>Avena fatua</i>	Wild Oats	SNA	X							X
<i>Beckmannia syzigachne</i>	Slough Grass	S5								X
<i>Bouteloua gracilis</i>	Blue Gramma	S4								X
<i>Bromus ciliatus</i>	Fringed Brome	S5							X	X
<i>Bromus inermis</i>	Smooth Brome	SNA	X						X	X
<i>Calamagrostis canadensis</i>	Canada Reed Grass	S5					X	X	X	X
<i>Calamagrostis</i> sp.	Reed Grass					X	X	X	X	X
<i>Calamagrostis stricta</i>	Northern Reed Grass	S5					X		X	X
<i>Calamovilfa longifolia</i>	Prairie Sandreed	S4								X
<i>Cinna latifolia</i>	Slender Woodreed	S5							X	X
<i>Danthonia intermedia</i>	Timber Oatgrass	S2?							X	
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	S5							X	X
<i>Dichanthelium leibergii</i>	Leiberg's Panicgrass	S4								X
<i>Elymus canadensis</i>	Great Plains Wild Rye	S5?							X	X
<i>Elymus</i> sp.	Wheatgrass							X	X	X
<i>Elymus trachycaulus</i>	Slender Wheatgrass	S5								X
<i>Elymus trachycaulus</i> ssp.	Awned Wheatgrass	S5					X			X

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				HBL	SLU	CRU	HRU	MBL	IP	LMP
<i>subsecundus</i>										
<i>Elytrigia repens</i>	Quackgrass	SNA	X						X	X
<i>Festuca ovina</i>	Sheep Fescue	SNA	X							X
<i>Glyceria borealis</i>	Boreal Mannagrass	S5					X			
<i>Glyceria striata</i>	Ridged Glyceria	S5								X
<i>Hesperostipa spartea</i>	Porcupine Grass	S4								X
<i>Hordeum jubatum</i>	Foxtail Barley	S5								X
<i>Koeleria macrantha</i>	June Grass	S5								X
<i>Leymus innovatus</i>	Boreal Wild Rye	S5				X	X	X		
<i>Muhlenbergia asperifolia</i>	Scratchgrass	S4								X
<i>Muhlenbergia racemosa</i>	Marsh Muhly	S4							X	
<i>Muhlenbergia</i> sp.	Muhly									X
<i>Oryzopsis asperifolia</i>	Rice Grass	S5				X		X	X	X
<i>Panicum capillare</i>	Panicgrass	S5								X
<i>Panicum virgatum</i>	Switchgrass	S4								X
<i>Phalaris arundinacea</i>	Reed Canarygrass	S5	X*							X
<i>Phleum pratense</i>	Timothy	SNA	X						X	X
<i>Phragmites australis</i>	Common Reed	S5							X	X
<i>Piptatherum pungens</i>	Sharp Piptatherum	S5					X	X		
<i>Poa palustris</i>	Fowl Bluegrass	S5							X	X
<i>Poa pratensis</i>	Kentucky Bluegrass	S5							X	X
<i>Poa</i> sp.	Bluegrass								X	X
<i>Schizachne purpurascens</i>	False Melic	S5								X
<i>Scolochloa festucacea</i>	Whitetop	S5								X
<i>Setaria viridis</i>	Green Bristlegrass	SNA	X							X
<i>Spartina gracilis</i>	Alkali Cordgrass	S4								X

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Sporobolus cryptandrous</i>	Sand Dropseed	S5									X
SPARGANIACEAE	BUR-REED FAMILY										
<i>Sparganium angustifolium</i>	Narrow-leaved Bur-reed	S5					X				
<i>Sparganium</i> sp.	Bur-reed										X
TYPHACEAE	CAT-TAIL FAMILY										
<i>Typha angustifolia</i>	Narrow-leaved Cat-tail	S4									X
<i>Typha latifolia</i>	Common Cat-tail	S5							X	X	X
NON VASCULAR SPECIES											
Lichens											
<i>Bryoria</i> sp.	Horsehair					X	X	X			
<i>Cladina mitis</i>	Green Reindeer Lichen					X	X	X			
<i>Cladina rangiferina</i>	Grey Reindeer Lichen					X	X	X			
<i>Cladina stellaris</i>	Northern Reindeer Lichen						X	X			
<i>Cladina</i> sp.	Reindeer Lichen			X	X	X	X			X	
<i>Cladonia</i> sp.	Cladonia			X	X	X	X	X			
<i>Cladonia uncialis</i>	Prickle Cladonia						X				
<i>Evernia mesomorpha</i>	Spruce Moss					X	X	X			
<i>Hypogymnia physodes</i>	Monk's Hood Lichen					X	X	X			
<i>Icmadophila ericetorum</i>	Spraypaint					X	X	X			
<i>Parmelia sulcata</i>	Waxpaper Lichen					X		X			
<i>Peltigera aphthosa</i>	Freckle Pelt								X		
<i>Peltigera</i> sp.	Pelt			X	X	X	X	X	X	X	
<i>Stereocaulon tomentosum</i>	Woolly Coral						X				
<i>Umbilicaria</i> sp.	Rocktripe						X				

Family/Species	Common Name	MBCDC Rank	Introduced Species	Ecoregion							
				HBL	SLU	CRU	HRU	MBL	IP	LMP	
<i>Usnea lapponica</i>	Powdery Old Man's Beard									X	
<i>Usnea</i> sp.	Old Man's Beard			X		X	X	X	X	X	
<i>Vulpicida pinastri</i>	Moonshine Cetraria						X	X			
Bryophytes											
<i>Dicranum</i> sp.	Dicranum Moss					X	X	X	X		
<i>Hylocomium splendens</i>	Splendid Feather Moss			X	X	X	X	X	X	X	
<i>Mnium</i> sp.	Mnium Moss									X	
<i>Pleurozium schreberi</i>	Schreber's Moss			X		X	X	X	X	X	
<i>Pohlia</i> sp.	Wire Moss						X				
<i>Polytrichum</i> sp.	Polytrichum Moss					X	X	X	X	X	
<i>Ptilium crista-castrensis</i>	Knights Plume Moss					X	X				
<i>Sphagnum</i> sp.	Peat Moss			X	X	X	X	X	X	X	
Total number of taxa			27	60	38	101	147	160	210	280	
Abbreviations include Hudson Bay Lowland (HBL), Selwyn Lake Upland (SLU), Churchill River Upland (CRU), Hayes River Upland (HRU), Mid-Boreal Lowlands (MBL), Interlake Plain (IP), and Lake Manitoba Plain (LMP).											

Table 6A-4: List of Mammal Species Potentially Occurring in the Bipole III Study Area

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
1	Masked Shrew	Sorex	cinereus	Shrews and Moles	N/A	N/A	N/A	Year-round inhabitant
2	Arctic Shrew	Sorex	arcticus	Shrews and Moles	N/A	N/A	N/A	Year-round inhabitant
3	Northern Water Shrew	Sorex	palustris	Shrews and Moles	N/A	N/A	N/A	Year-round inhabitant
4	Dusky Shrew	Sorex	obscurus	Shrews and Moles	N/A	N/A	N/A	Year-round inhabitant
5	Pygmy Shrew	Microsorex	hoii	Shrews and Moles	N/A	N/A	N/A	Year-round inhabitant
6	Little Brown Myotis	Myotis	lucifugus	Bats	N/A	N/A	N/A	Year-round inhabitant
7	Keen Myotis	Myotis	keenii	Bats	N/A	N/A	N/A	Year-round inhabitant
8	Silver-haired Bat	Lasionycteris	noctivagans	Bats	N/A	N/A	N/A	Year-round inhabitant
9	Red Bat	Lasiurus	borealis	Bats	N/A	N/A	N/A	Year-round inhabitant
10	Big Brown Bat	Eptesicus	fuscus	Bats	N/A	N/A	N/A	Year-round inhabitant
11	Hoary Bat	Lasiurus	cinereus	Bats	N/A	N/A	N/A	Year-round inhabitant
12	Black Bear	Ursus	americanus	Bears	N/A	N/A	N/A	Year-round inhabitant
13	Raccoon	Procyon	lotor	Raccoons and	N/A	N/A	N/A	Year-round

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
				Coatis				inhabitant
14	Fisher	Martes	pennanti	Mustelids	N/A	N/A	N/A	Year-round inhabitant
15	Marten	Martes	americana	Mustelids	N/A	N/A	N/A	Year-round inhabitant
16	Least Weasel	Mustela	rixosa	Mustelids	N/A	N/A	N/A	Year-round inhabitant
17	Short-tailed Weasel	Mustela	erminea	Mustelids	N/A	N/A	N/A	Year-round inhabitant
18	Long-tailed Weasel	Mustela	frenata	Mustelids	N/A	N/A	N/A	Year-round inhabitant
19	Mink	Mustela	vison	Mustelids	N/A	N/A	N/A	Year-round inhabitant
20	River Otter	Lutra	canadensis	Mustelids	N/A	N/A	N/A	Year-round inhabitant
21	Wolverine	Gulo	gulo	Mustelids	N/A	Special Concern	Special Concern	Year-round inhabitant
22	Badger	Taxidea	taxus	Mustelids	N/A	N/A	N/A	Year-round inhabitant
23	Striped Skunk	Mephitis	mephitis	Mustelids	N/A	N/A	N/A	Year-round inhabitant
24	Coyote	Canis	latrans	Dogs, Wolves and Foxes	N/A	N/A	N/A	Year-round inhabitant
25	Grey Wolf	Canis	lupus	Dogs, Wolves and Foxes	N/A	N/A	N/A	Year-round inhabitant
26	Swift Fox	Vulpes	velox	Dogs, Wolves and Foxes	Extirpated	Endangered	Threatened	Occasional visitor

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
27	Red Fox	Vulpes	vulpes	Dogs, Wolves and Foxes	N/A	N/A	N/A	Year-round inhabitant
28	Grey Fox	Urocyon	cinereoargenteus	Dogs, Wolves and Foxes	N/A	Threatened	Threatened	Occasional visitor
29	Bobcat	Lynx	rufus	Cats	N/A	N/A	N/A	Year-round inhabitant
30	Lynx	Lynx	lynx	Cats	N/A	N/A	N/A	Year-round inhabitant
31	Cougar	Puma	concolor	Cats	N/A	N/A	N/A	Year-round inhabitant
32	Woodchuck	Marmota	monax	Marmots	N/A	N/A	N/A	Year-round inhabitant
33	Richardson' Ground Squirrel	Spermophilus	richardsonii	Ground Squirrel	N/A	N/A	N/A	Year-round inhabitant
34	Franklin's Ground Squirrel	Spermophilus	franklinii	Ground Squirrel	N/A	N/A	N/A	Year-round inhabitant
35	Thirteen-lined Ground Squirrel	Spermophilus	tridecemlineatus	Ground Squirrel	N/A	N/A	N/A	Year-round inhabitant
36	Eastern Chipmunk	Tamias	striatus	Chipmunks	N/A	N/A	N/A	Year-round inhabitant
37	Least Chipmunk	Tamias	minimus	Chipmunks	N/A	N/A	N/A	Year-round inhabitant
38	Eastern Gray Squirrel	Sciurus	carolinensis	Squirrels	N/A	N/A	N/A	Year-round inhabitant
39	Eastern Fox Squirrel	Sciurus	niger	Squirrels	N/A	N/A	N/A	Year-round inhabitant
40	Red Squirrel	Tamiasciurus	hudsonicus	Squirrels	N/A	N/A	N/A	Year-round

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
								inhabitant
41	Northern Flying Squirrel	Glaucomys	sabrinus	Squirrels	N/A	N/A	N/A	Year-round inhabitant
42	Northern Pocket Gopher	Thomomys	talpoides	Pocket Gophers	N/A	N/A	N/A	Year-round inhabitant
43	Plains Pocket Gopher	Geomys	bursarius	Pocket Gophers	N/A	N/A	N/A	Year-round inhabitant
44	Beaver	Castor	canadensis	Beavers	N/A	N/A	N/A	Year-round inhabitant
45	Deer Mouse	Peromyscus	maniculatus	Mice	N/A	N/A	N/A	Year-round inhabitant
46	Northern Grasshopper Mouse	Onychomys	leucogaster	Mice	N/A	N/A	N/A	Year-round inhabitant
47	Southern Bog Lemming	Synaptomys	cooperi	Lemmings	N/A	N/A	N/A	Year-round inhabitant
48	Northern Bog Lemming	Synaptomys	borealis	Lemmings	N/A	N/A	N/A	Year-round inhabitant
49	Boreal Red-backed Vole	Clethrionomys	gapperi	Voles	N/A	N/A	N/A	Year-round inhabitant
50	Mountain Phenacomys	Phenacomys	intermedius	Voles	N/A	N/A	N/A	Year-round inhabitant
51	Meadow Vole	Microtus	pennsylvanicus	Voles	N/A	N/A	N/A	Year-round inhabitant
52	Prairie Vole	Microtus	ochrogaster	Voles	N/A	N/A	N/A	Year-round inhabitant
53	Yellow-cheeked Vole	Microtus	xanthognathus	Voles	N/A	N/A	N/A	Year-round inhabitant

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
54	Muskrat	Ondatra	zibethica	Muskrat	N/A	N/A	N/A	Year-round inhabitant
55	Western Jumping Mouse	Zapus	princeps	Jumping Mice	N/A	N/A	N/A	Year-round inhabitant
56	Meadow Jumping Mouse	Zapus	hudsonius	Jumping Mice	N/A	N/A	N/A	Year-round inhabitant
57	Woodland Jumping Mouse	Napaeozapus	insignis	Jumping Mice	N/A	N/A	N/A	Year-round inhabitant
58	Porcupine	Erethizon	dorsatum	Porcupine	N/A	N/A	N/A	Year-round inhabitant
59	Snowshoe Hare	Lepus	americanus	Hares	N/A	N/A	N/A	Year-round inhabitant
60	White-tailed Jackrabbit	Lepus	townsendii	Hares	N/A	N/A	N/A	Year-round inhabitant
61	Eastern Cottontail	Sylvilagus	floridanus	Rabbits	N/A	N/A	N/A	Year-round inhabitant
62	Elk	Cervus	elaphus	Deer	N/A	N/A	N/A	Year-round inhabitant
63	White-tailed Deer	Odocoileus	virginianus	Deer	N/A	N/A	N/A	Year-round inhabitant
64	Mule Deer	Odocoileus	hemionus	Deer	Threatened	N/A	N/A	Year-round inhabitant
65	Moose	Alces	alces	Deer	N/A	N/A	N/A	Year-round inhabitant
66	Boreal Woodland Caribou	Rangifer	tarandus	Deer	Threatened	Threatened	Threatened	Year-round inhabitant
67	Barren Ground and	Rangifer	tarandus	Deer	N/A	N/A	N/A	Seasonal

No.	Common Name	Genus	Species	Family	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Coastal Caribou		groenlandicus					inhabitant
68	Pronghorn	Antilocapra	americana	Pronghorn	Extirpated	N/A	N/A	Occasional visitor
69	Plains Bison	Bison	bison	Bison, Sheep, Muskox	N/A	N/A	Threatened	Year-round inhabitant

Table 6A-5: Bird Species found in the Bipole III Study Area

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
1	Black Guillemot	Cephus	grylle	Auks, Murres, and Puffins	x			x		N/A	N/A	N/A	Rare migrant or visitor
2	Ancient Murrelet	Synthliboramphus	antiquus	Auks, Murres, and Puffins	x					N/A	N/A	N/A	Rare migrant or visitor
3	Barn Owl	Tyto	alba	Barn Owls	x	x	x			N/A	Special Concern	Special Concern	Occasional visitor
4	Red-winged Blackbird	Agelaius	phoeniceus	Blackbirds and Allies	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
5	Bobolink	Dolichonyx	oryzivorus	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
6	Rusty Blackbird	Euphagus	carolinus	Blackbirds and Allies	x	x	x	x	x	N/A	Special Concern	Special Concern	Breeding populations
7	Brewer's Blackbird	Euphagus	cyaniceps	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
8	Baltimore Oriole	Icterus	galbula	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
9	Orchard Oriole	Icterus	spurius	Blackbirds and Allies	x	x				N/A	N/A	N/A	Breeding populations
10	Brown-headed Cowbird	Molothrus	ater	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
11	Common Grackle	Quiscalus	quiscula	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
12	Eastern Meadowlark	Sturnella	magna	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Occasional visitor
13	Western Meadowlark	Sturnella	neglecta	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
14	Yellow-headed blackbird	Xanthocephalus	xanthocephalus	Blackbirds and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
15	Northern Cardinal	Cardinalis	cardinalis	Cardinals and Allies	x	x	x			N/A	N/A	N/A	Extralimital breeding record
16	Lazuli Bunting	Passerina	amoena	Cardinals and Allies	x	x				N/A	N/A	N/A	Occasional visitor
17	Indigo Bunting	Passerina	cyanea	Cardinals and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
18	Rose-breasted Grosbeak	Pheucticus	ludovicianus	Cardinals and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
19	Black-headed Grossbeak	Pheucticus	melanocephalus	Cardinals and Allies	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
20	Dickcissel	Spiza	americana	Cardinals and Allies	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
21	Black-capped Chickadee	Poecile	atricapillus	Chickadees and Titmice	x	x	x			N/A	N/A	N/A	Year-round inhabitant
22	Boreal Chickadee	Poecile	hudsonica	Chickadees and Titmice	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
23	Double-crested Cormorant	Phalacrocorax	auritus	Cormorants	x	x	x			N/A	N/A	N/A	Breeding

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Cormorant	orax											populations
24	Whooping Crane	Grus	american a	Cranes	x	x				Endan gered	Endange red	Endange red	Rare migrant or visitor
25	Sandhill Crane	Grus	canadensi s	Cranes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
26	Brown Creeper	Certhia	american a	Creepers	x	x	x			N/A	N/A	N/A	Breeding populations
27	American Crow	Corvus	brachyrhy nchos	Crows, Magpies and Jays	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
28	Common Raven	Corvus	corax	Crows, Magpies and Jays	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
29	Blue Jay	Cyanocitta	cristata	Crows, Magpies and Jays	x	x	x			N/A	N/A	N/A	Year-round inhabitant
30	Pinyon Jay	Gymnorhi nus	cyanocep halus	Crows, Magpies and Jays	x					N/A	N/A	N/A	Rare migrant or visitor
31	Clark's Nutcracker	Nucifraga	columbian a	Crows, Magpies and Jays	x					N/A	N/A	N/A	Occasional visitor
32	Gray Jay	Perisoreus	canadensi s	Crows, Magpies and Jays	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
33	Black-billed Magpie	Pica	hudsonia	Crows, Magpies and Jays	x	x	x			N/A	N/A	N/A	Year-round inhabitant
34	Yellow-billed Cuckoo	Coccyzus	american us	Cuckoos, Roadrunners and	x	x				N/A	N/A	N/A	Occasional visitor

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
				Anis									
				Cuckoos,									
35	Black-billed Cuckoo	Coccyzus	erythropt halmus	Roadrunners and Anis	x	x	x		x	N/A	N/A	N/A	Breeding populations
36	Merlin	Falco	columbari us	Falcons	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
37	Prairie Falcon	Falco	mexicanu s	Falcons	x	x			x	N/A	N/A	N/A	Rare migrant or visitor
38	Peregrine Falcon	Falco	peregrinu s	Falcons	x	x	x	x	x	Endan gered	Threaten ed	Special Concern	Breeding populations
39	Gyr Falcon	Falco	rusticolus	Falcons	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
40	American Kestrel	Falco	sparverius	Falcons	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
41	Common Redpoll	Carduelis	flammea	Finches and Allies	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
42	Hoary Redpoll	Carduelis	horneman ni	Finches and Allies	x	x	x	x	x	N/A	N/A	N/A	Regular in winter
43	Pine Siskin	Carduelis	pinus	Finches and Allies	x	x	x			N/A	N/A	N/A	Year-round inhabitant
44	American Goldfinch	Carduelis	tristis	Finches and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
45	House Finch	Carpodac us	mexicanu s	Finches and Allies	x	x	x			N/A	N/A	N/A	Year-round inhabitant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
46	Purple Finch	Carpodacus	purpureus	Finches and Allies	x	x	x			N/A	N/A	N/A	Breeding populations
47	Evening Grosbeak	Coccothraustes	vespertinus	Finches and Allies	x	x	x			N/A	N/A	N/A	Year-round inhabitant
48	Brambling	Fringilla	montifringilla	Finches and Allies	x	x				N/A	N/A	N/A	Occasional visitor
49	Gray-crowned Rosy-Finch	Leucosticte	tephrocotis	Finches and Allies	x	x	x			N/A	N/A	N/A	Occasional visitor
50	Red Crossbill	Loxia	curvirostris	Finches and Allies	x	x	x			N/A	N/A	N/A	Year-round inhabitant
51	White-winged Crossbill	Loxia	leucoptera	Finches and Allies	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
52	Pine Grosbeak	Pinicola	enucleator	Finches and Allies	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
53	Wood Duck	Aix	sponsa	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Breeding populations
54	Northern Pintail	Anas	acuta	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
55	American Wigeon	Anas	americana	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
56	Northern Shoveler	Anas	clypeata	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
57	Green-winged Teal	Anas	crecca	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Teal			Ducks									populations
58	Cinnamon Teal	Anas	cyanoptera	Geese, Swans, Ducks	x	x				N/A	N/A	N/A	Rare migrant or visitor
59	Blue-winged Teal	Anas	discors	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
60	Eurasian Wigeon	Anas	penelope	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Occasional visitor
61	Mallard	Anas	platyrhynchos	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
62	Garganey	Anas	querquedula	Geese, Swans, Ducks	x					N/A	N/A	N/A	Accidental Migrant
63	American Black Duck	Anas	rubripes	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
64	Gadwall	Anas	strepera	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Breeding populations
65	Greater White-fronted Goose	Anser	albifrons	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
66	Lesser Scaup	Aythya	affinis	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
67	Redhead	Aythya	americana	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Breeding populations
68	Ring-necked Duck	Aythya	collaris	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
69	Greater Scaup	Aythya	marila	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
70	Canvasback	Aythya	valisineria	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Breeding populations
71	Brant	Branta	bernicla	Geese, Swans, Ducks	x	x				N/A	N/A	N/A	Breeding populations
72	Canada Goose	Branta	canadensis	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
73	Bufflehead	Bucephala	albeola	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
74	Common Goldeneye	Bucephala	clangula	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
75	Barrow's Goldeneye	Bucephala	islandica	Geese, Swans, Ducks	x	x			x	N/A	N/A	N/A	Occasional visitor
76	Snow Goose	Chen	caerulescens	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
77	Ross's Goose	Chen	rossii	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
78	Long-tailed Duck	Clangula	hyemalis	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
79	Trumpeter Swan	Cygnus	buccinator	Geese, Swans, Ducks		x	x			Extirpated	N/A	N/A	Rare migrant or visitor
80	Tundra Swan	Cygnus	columbianus	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Regular migrant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
			us	Ducks									
81	Mute Swan	Cygnus	olor	Geese, Swans, Ducks		x	x			N/A	N/A	N/A	Occasional visitor
82	Harlequin Duck	Histrionicus	histrionicus	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
83	Hooded Merganser	Lophodytes	cucullatus	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
84	White-winged Scoter	Melanitta	fusca	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
85	Black Scoter	Melanitta	nigra	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
86	Surf Scoter	Melanitta	perspicillata	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
87	Common Merganser	Mergus	mergamser	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
88	Red-breasted Merganser	Mergus	serrator	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
89	Ruddy Duck	Oxyura	jamaicensis	Geese, Swans, Ducks	x	x	x			N/A	N/A	N/A	Breeding populations
90	Common Eider	Somateria	mollissima	Geese, Swans, Ducks	x	x	x	x	x	N/A	N/A	N/A	Accidental Migrant
91	King Eider	Somateria	spectabilis	Geese, Swans, Ducks	x			x		N/A	N/A	N/A	Accidental Migrant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
92	Whip-poor-will	Caprimulgus	vociferus	Goatsuckers	x	x	x			N/A	N/A	Threatened	Breeding populations
93	Common Nighthawk	Chordeiles	minor	Goatsuckers	x	x	x	x	x	N/A	Threatened	Threatened	Breeding populations
94	Clark's Grebe	Aechmophorus	clarkii	Grebes	x	x	x			N/A	N/A	N/A	Occasional visitor
95	Western Grebe	Aechmophorus	occidentalis	Grebes	x	x	x			N/A	N/A	N/A	Breeding populations
96	Horned Grebe	Podiceps	auritus	Grebes	x	x	x	x	x	N/A	N/A	Special Concern	Breeding populations
97	Red-necked Grebe	Podiceps	grisegena	Grebes	x	x	x			N/A	N/A	N/A	Breeding populations
98	Eared Grebe	Podiceps	nigricollis	Grebes	x	x	x			N/A	N/A	N/A	Breeding populations
99	Pied-billed Grebe	Podilymbus	podiceps	Grebes	x	x	x			N/A	N/A	N/A	Breeding populations
100	Cooper's Hawk	Accipiter	cooperii	Hawks, Eagles, Allies	x	x	x			N/A	N/A	N/A	Breeding populations
101	Northern Goshawk	Accipiter	gentilis	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
102	Sharp-shinned Hawk	Accipiter	striatus	Hawks, Eagles, Allies	x	x	x			N/A	N/A	N/A	Breeding populations
103	Golden Eagle	Aquila	chrysaetos	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
			s										visitor
104	Red-tailed Hawk	Buteo	jamaicensis	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
105	Rough-legged Hawk	Buteo	lagopus	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
106	Red-shouldered Hawk	Buteo	lineatus	Hawks, Eagles, Allies	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
107	Broad-winged Hawk	Buteo	platypterus	Hawks, Eagles, Allies	x	x	x			N/A	N/A	N/A	Breeding populations
108	Ferruginous Hawk	Buteo	regalis	Hawks, Eagles, Allies	x	x				Threatened	N/A	Threatened	Rare migrant or visitor
109	Swainson's Hawk	Buteo	swainsoni	Hawks, Eagles, Allies	x	x				N/A	N/A	N/A	Breeding populations
110	Northern Harrier	Circus	cyaneus	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
111	Bald Eagle	Haliaeetus	leucocephalus	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
112	Osprey	Pandion	haliaetus	Hawks, Eagles, Allies	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
113	Great Egret	Ardea	alba	Hérons	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
114	Great Blue Heron	Ardea	herodias	Hérons	x	x	x			N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
115	American Bittern	Botaurus	lentiginosus	Hérons	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
116	Cattle Egret	Bubulcus	ibis	Hérons	x	x				N/A	N/A	N/A	Rare migrant or visitor
117	Green Heron	Butorides	virescens	Hérons	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
118	Little Blue Heron	Egretta	caerulea	Hérons	x	x				N/A	N/A	N/A	Rare migrant or visitor
119	Snowy Egret	Egretta	thula	Hérons	x	x	x			N/A	N/A	N/A	Occasional visitor
120	Tricolored Heron	Egretta	tricolor	Hérons	x	x				N/A	N/A	N/A	Rare migrant or visitor
121	Least Bittern	Ixobrychus	exilis	Hérons	x	x	x			N/A	Threatened	N/A	Rare migrant or visitor
122	Yellow-Crowned Night-Heron	Nyctanassa	violacea	Hérons	x	x				N/A	N/A	N/A	Occasional visitor
123	Black-crowned Night-Heron	Nycticorax	nycticorax	Hérons	x	x	x			N/A	N/A	N/A	Breeding populations
124	Ruby-throated Hummingbird	Archilochus	colubris	Hummingbirds	x	x	x			N/A	N/A	N/A	Breeding populations
125	Rufous Hummingbird	Selasphorus	rufus	Hummingbirds	x	x				N/A	N/A	N/A	Occasional visitor
126	White-faced Ibis	Plegadis	chihi	Ibises	x	x				N/A	N/A	N/A	Occasional

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
127	White-winged Tern	Chlidonias	leucopterus	Jaegers, Gulls, and Terns					x	N/A	N/A	N/A	Rare migrant or visitor
128	Herring Gull	Larus	argentatus	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
129	Laughing Gull	Larus	atricilla	Jaegers, Gulls, and Terns		x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
130	California Gull	Larus	californicus	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Breeding populations
131	Mew Gull	Larus	canus	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Occasional visitor
132	Ring-billed Gull	Larus	delawarensis	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
133	Lesser Black-backed Gull	Larus	fuscus	Jaegers, Gulls, and Terns	x	x	x		x	N/A	N/A	N/A	Occasional visitor
134	Iceland Gull	Larus	glaucoides	Jaegers, Gulls, and Terns	x	x				N/A	N/A	N/A	Rare migrant or visitor
135	Glaucous Gull	Larus	hyperboreus	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
136	Great Black-backed Gull	Larus	marinus	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
137	Little Gull	Larus	minutus	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Rare migrant or visitor

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
138	Bonaparte's Gull	Larus	philadelphia	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
139	Franklin's Gull	Larus	pipixcan	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Breeding populations
140	Thayer's Gull	Larus	thayeri	Jaegers, Gulls, and Terns		x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
141	Ivory Gull	Pagophila	eburnea	Jaegers, Gulls, and Terns	x	x	x		x	N/A	N/A	N/A	Rare migrant or visitor
142	Ross's Gull	Rhodostethia	rosea	Jaegers, Gulls, and Terns	x	x				Endangered	Threatened	Threatened	Occasional visitor
143	Black-legged Kittiwake	Rissa	tridactyla	Jaegers, Gulls, and Terns		x	x		x	N/A	N/A	N/A	Rare migrant or visitor
144	Long-tailed Jaeger	Stercorarius	longicaudus	Jaegers, Gulls, and Terns		x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
145	Parasitic Jaeger	Stercorarius	parasiticus	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
146	Pomarine Jaeger	Stercorarius	pomarinus	Jaegers, Gulls, and Terns	x	x		x	x	N/A	N/A	N/A	Rare migrant or visitor
147	Least Tern	Sterna	antillarum	Jaegers, Gulls, and Terns		x				N/A	N/A	N/A	Rare migrant or visitor
148	Caspian Tern	Sterna	caspia	Jaegers, Gulls, and Terns	x	x	x		x	N/A	N/A	N/A	Breeding populations
149	Forester's Tern	Sterna	forsteri	Jaegers, Gulls, and Terns	x	x	x			N/A	N/A	N/A	Breeding

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
				Terns									populations
150	Common Tern	Sterna	hirundo	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
151	Black Tern	Sterna	niger	Jaegers, Gulls, and Terns	x	x	x		x	N/A	N/A	N/A	Breeding populations
152	Arctic Tern	Sterna	paradisaea	Jaegers, Gulls, and Terns	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
153	Sabine's Gull	Xema	sabini	Jaegers, Gulls, and Terns	x	x	x	x		N/A	N/A	N/A	Rare migrant or visitor
154	Belted Kingfisher	Ceryle	alcyon	Kingfishers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
155	Ruby-crowned Kinglet	Regulus	calendula	Kinglets	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
156	Golden-crowned Kinglet	Regulus	satrapa	Kinglets	x	x	x			N/A	N/A	N/A	Breeding populations
157	Horned Lark	Eremophila	alpestris	Larks	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
158	Yellow-billed Loon	Gavia	adamsii	Loons				x	x	N/A	N/A	N/A	Occasional visitor
159	Common Loon	Gavia	immer	Loons	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
160	Red-throated Loon	Gavia	stellata	Loons		x	x	x	x	N/A	N/A	N/A	Migrant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
161	Pacific Loon	Gavia	pacifica	Loons				x	x	N/A	N/A	N/A	Migrant
162	Gray Catbird	Dumetella	carolinensis	Mockingbirds and Thrashers	x	x	x			N/A	N/A	N/A	Breeding populations
163	Northern Mockingbird	Mimus	polyglottos	Mockingbirds and Thrashers	x	x	x			N/A	N/A	N/A	Extralimital breeding record
164	Sage Thrasher	Oreoscoptes	montanus	Mockingbirds and Thrashers	x					N/A	Endangered	Endangered	Occasional visitor
165	Curve-billed Thrasher	Toxostoma	curvirostre	Mockingbirds and Thrashers	x					N/A	N/A	N/A	Occasional visitor
166	Brown Thrasher	Toxostoma	rufum	Mockingbirds and Thrashers	x	x	x			N/A	N/A	N/A	Breeding populations
167	Red-breasted Nuthatch	Sitta	canadensis	Nuthatches	x	x	x			N/A	N/A	N/A	Year-round inhabitant
168	White-breasted Nuthatch	Sitta	carolinensis	Nuthatches	x	x	x			N/A	N/A	N/A	Year-round inhabitant
169	House Sparrow	Passer	domesticus	Old World Sparrows	x	x	x			N/A	N/A	N/A	Year-round inhabitant
170	Eurasian Tree Sparrow	Passer	montanus	Old World Sparrows	x					N/A	N/A	N/A	Extralimital breeding record
171	Blue-gray Gnatcatcher	Poliioptila	caerulea	Old World Warblers, Gnatcatchers	x	x				N/A	N/A	N/A	Occasional visitor
172	Ruffed Grouse	Bonasa	umbellus	Partridge, Pheasant, Grouse, Turkey	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
173	Spruce Grouse	Falci pennis	canadensis	Partridge, Pheasant, Grouse, Turkey	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
174	Willow Ptarmigan	Lagopus	lagopus	Partridge, Pheasant, Grouse, Turkey		x	x	x	x	N/A	N/A	N/A	Regular in winter
175	Rock Ptarmigan	Lagopus	mutus	Partridge, Pheasant, Grouse, Turkey				x	x	N/A	N/A	N/A	Regular in winter
176	Wild Turkey	Meleagris	gallopavo	Partridge, Pheasant, Grouse, Turkey	x	x				N/A	N/A	N/A	Year-round inhabitant
177	Gray Partridge	Perdix	perdix	Partridge, Pheasant, Grouse, Turkey	x	x	x			N/A	N/A	N/A	Year-round inhabitant
178	Ring-necked Pheasant	Phasianus	colchicus	Partridge, Pheasant, Grouse, Turkey	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
179	Greater Prairie-chicken	Tympanuchus	cupido	Partridge, Pheasant, Grouse, Turkey						Extirpated	Extirpated	Extirpated	Extirpated Breeder
180	Sharp-tailed Grouse	Tympanuchus	phasianellus	Partridge, Pheasant, Grouse, Turkey	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
181	American White Pelican	Pelecanus	erythrorhynchus	Pelicans	x	x	x			N/A	N/A	N/A	Breeding populations
182	Band-tailed Pigeon	Columba	fasciata	Pigeons and Doves	x	x				N/A	N/A	N/A	Accidental Migrant
183	Rock Dove	Columba	livia	Pigeons and Doves	x	x	x		x	N/A	N/A	N/A	Year-round inhabitant
184	White-winged	Zenaidura	asiatica	Pigeons and Doves	x	x				N/A	N/A	N/A	Accidental

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Dove												Migrant
185	Mourning Dove	Zenaida	macroura	Pigeons and Doves	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
186	Piping Plover	Charadrius	melodus	Plovers	x	x				Endangered	Endangered	Endangered	Breeding populations
187	Semipalmated Plover	Charadrius	semipalmatus	Plovers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
188	Killdeer	Charadrius	vociferus	Plovers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
189	American Golden-Plover	Pluvialis	dominica	Plovers	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
190	Black-bellied Plover	Pluvialis	squatarola	Plovers	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
191	Yellow Rail	Coturnicops	noveboracensis	Rails, Gallinules and Coots	x	x	x	x	x	N/A	Special Concern	Special Concern	Breeding populations
192	American Coot	Fulica	americana	Rails, Gallinules and Coots	x	x	x			N/A	N/A	N/A	Breeding populations
193	Common Moorhen	Gallinula	chloropus	Rails, Gallinules and Coots	x					N/A	N/A	N/A	Occasional visitor
194	Sora Rail	Porzana	carolina	Rails, Gallinules and Coots	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
195	King Rail	Rallus	elegans	Rails, Gallinules and Coots	x					N/A	Endangered	Endangered	Occasional visitor

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
196	Virginia Rail	Rallus	limicola	Rails, Gallinules and Coots	x	x	x			N/A	N/A	N/A	Breeding populations
197	Spotted Sandpiper	Actitis	macularia	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
198	Ruddy Turnstone	Arenaria	interpres	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
199	Upland Sandpiper	Bartramia	longicauda	Sandpipers, Phalaropes	x	x				N/A	N/A	N/A	Breeding populations
200	Sanderling	Calidris	alba	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
201	Dunlin	Calidris	alpina	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
202	Baird's Sandpiper	Calidris	bairdii	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
203	Red Knot	Calidris	canutus	Sandpipers, Phalaropes	x	x	x	x	x	N/A	Endangered	Endangered	Regular migrant
204	Curlew Sandpiper	Calidris	ferruginea	Sandpipers, Phalaropes	x	x			x				
205	White-rumped Sandpiper	Calidris	fuscicollis	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
206	Stilt Sandpiper	Calidris	himantopus	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
207	Purple Sandpiper	Calidris	maritima	Sandpipers,	x	x		x		N/A	N/A	N/A	Occasional

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
				Phalaropes									visitor
208	Western Sandpiper	Calidris	mauri	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Occasional visitor
209	Pectoral Sandpiper	Calidris	melanotos	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
210	Least Sandpiper	Calidris	minutilla	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Regular migrant
211	Semipalmated Sandpiper	Calidris	pusilla	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
212	Willet	Catoptrophorus	semipalmatus	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Breeding populations
213	Wilson's Snipe	Gallinago	delicata	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
214	Short-billed Dowitcher	Limnodromus	griseus	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
215	Long-billed Dowitcher	Limnodromus	scolopaceus	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Regular migrant
216	Marbled Godwit	Limosa	fedoa	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Breeding populations
217	Hudsonian Godwit	Limosa	haemastica	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
218	Long-billed Curlew	Numenius	americanus	Sandpipers, Phalaropes	x	x				Extirpated	Special Concern	Special Concern	Extirpated Breeder

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
219	Eskimo Curlew	Numenius	borealis	Sandpipers, Phalaropes	x	x	x	x	x	Endangered	Endangered	Endangered	Extirpated Breeder
220	Whimbrel	Numenius	phaeopus	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Rare migrant or visitor
221	Red Phalarope	Phalaropus	fulicarius	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Occasional visitor
222	Red-necked Phalarope	Phalaropus	lobatus	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
223	Wilson's Phalarope	Phalaropus	tricolor	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Breeding populations
224	Ruff	Philomachus	pugnax	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Occasional visitor
225	American Woodcock	Scolopax	minor	Sandpipers, Phalaropes	x	x	x			N/A	N/A	N/A	Breeding populations
226	Lesser Yellowlegs	Tringa	flavipes	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
227	Greater Yellowlegs	Tringa	melanoleuca	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
228	Solitary Sandpiper	Tringa	solitaria	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
229	Buff-breasted Sandpiper	Tryngites	subruficollis	Sandpipers, Phalaropes	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
230	Northern Shrike	Lanius	excubitor	Shrikes	x	x	x	x	x	N/A	N/A	N/A	Regular in

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
231	Loggerhead Shrike	Lanius	ludovicianus	Shrikes	x	x	x			Endangered	Endangered	Endangered	Breeding populations winter
232	European Starling	Sturnus	vulgaris	Starlings	x	x	x			N/A	N/A	N/A	Year-round inhabitant
233	Black-necked Stilt	Himantopus	mexicanus	Stilts and Avocets	x					N/A	N/A	N/A	Occasional visitor
234	American Avocet	Recurvirostra	americana	Stilts and Avocets	x	x	x			N/A	N/A	N/A	Breeding populations
235	Barn Swallow	Hirundo	rustica	Swallows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
236	Cliff Swallow	Petrochelidon	pyrrhonota	Swallows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
237	Purple Martin	Progne	subis	Swallows	x	x	x			N/A	N/A	N/A	Breeding populations
238	Bank Swallow	Riparia	riparia	Swallows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
239	Northern Rough-winged Swallow	Stelgidopteryx	serripennis	Swallows	x	x	x			N/A	N/A	N/A	Breeding populations
240	Tree Swallow	Tachycineta	bicolor	Swallows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
241	Violet-green Swallow	Tachycineta	thalassina	Swallows	x	x				N/A	N/A	N/A	Accidental Migrant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
242	Chimney Swift	Chaetura	pelagica	Swifts	x	x	x			N/A	Threatened	Threatened	Breeding populations
243	Western Tanager	Piranga	ludoviciana	Tanagers	x	x	x			N/A	N/A	N/A	Occasional visitor
244	Scarlet Tanager	Piranga	olivacea	Tanagers	x	x	x			N/A	N/A	N/A	Breeding populations
245	Summer Tanager	Piranga	rubra	Tanagers	x	x	x			N/A	N/A	N/A	Occasional visitor
246	Veery	Catharus	fuscescens	Thrushes	x	x	x			N/A	N/A	N/A	Breeding populations
247	Hermit Thrush	Catharus	guttatus	Thrushes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
248	Gray-cheeked Thrush	Catharus	minimus	Thrushes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
249	Swainson's Thrush	Catharus	ustulatus	Thrushes	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
250	Wood Thrush	Hylocichla	mustelina	Thrushes	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
251	Varied Thrush	Ixoreus	naevius	Thrushes	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
252	Townsend's Solitaire	Myadestes	townsendi	Thrushes	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
253	Northern	Oenanthe	oenanthe	Thrushes	x	x				N/A	N/A	N/A	Occasional

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Wheatear												visitor
254	Mountain Bluebird	Sialia	currucoides	Thrushes	x	x	x	x		N/A	N/A	N/A	Breeding populations
255	Eastern Bluebird	Sialia	sialis	Thrushes	x	x	x			N/A	N/A	N/A	Breeding populations
256	American Robin	Turdus	migratorius	Thrushes	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
257	Baird's Sparrow	Ammodramus	bairdii	Towhees, New-World Sparrows	x	x	x			Endangered	N/A	N/A	Rare migrant or visitor
258	Le Conte's Sparrow	Ammodramus	lecontei	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Breeding populations
259	Nelson's Sharp-tailed Sparrow	Ammodramus	nelsoni	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
260	Grasshopper Sparrow	Ammodramus	savannarum	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Breeding populations
261	Lark Bunting	Calamospiza	melanocorys	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
262	Lapland Longspur	Calcarius	lapponicus	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
263	McCown's Longspur	Calcarius	mccownii	Towhees, New-World Sparrows	x	x	x			N/A	Special Concern	N/A	Occasional visitor
264	Chestnut-collared Longspur	Calcarius	ornatus	Towhees, New-World Sparrows	x	x				N/A	N/A	Threatened	Occasional visitor

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
265	Smith's Longspur	Calcarius	pictus	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
266	Lark Sparrow	Chondestes	grammacus	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Breeding populations
267	Dark-eyed Junco	Junco	hyemalis	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
268	Swamp Sparrow	Melospiza	georgiana	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
269	Lincoln's Sparrow	Melospiza	lincolnii	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
270	Song Sparrow	Melospiza	melodia	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
271	Savannah Sparrow	Passerculus	sandwichensis	Towhees, New-World Sparrows	x	x	x	x	x	N/A	Special Concern	N/A	Breeding populations
272	Fox Sparrow	Passerella	iliaca	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
273	Green-tailed Towhee	Pipilo	chlorurus	Towhees, New-World Sparrows	x	x				N/A	N/A	N/A	Accidental Migrant
274	Eastern Towhee	Pipilo	erythrophthalmus	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Breeding populations
275	Spotted Towhee	Pipilo	maculatus	Towhees, New-World Sparrows	x					N/A	N/A	N/A	Occasional visitor
276	Snow Bunting	Plectrophenax	nivalis	Towhees, New-	x	x	x	x	x	N/A	N/A	N/A	Regular migrant

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
		enax		World Sparrows									
277	Vesper Sparrow	Poocetes	gramineus	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Breeding populations
278	American Tree Sparrow	Spizella	arborea	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
279	Brewer's Sparrow	Spizella	breweri	Towhees, New-World Sparrows	x					N/A	N/A	N/A	Accidental Migrant
280	Clay-colored Sparrow	Spizella	pallida	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
281	Chipping Sparrow	Spizella	passerina	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
282	Field Sparrow	Spizella	pusilla	Towhees, New-World Sparrows	x	x	x			N/A	N/A	N/A	Extralimital breeding record
283	White-throated Sparrow	Zonotrichia	albicollis	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
284	Golden-crowned Sparrow	Zonotrichia	atricapilla	Towhees, New-World Sparrows	x		x			N/A	N/A	N/A	Occasional visitor
285	White-crowned Sparrow	Zonotrichia	leucophrys	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
286	Harris's Sparrow	Zonotrichia	querula	Towhees, New-World Sparrows	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
287	Northern Saw-whet Owl	Aegolius	acadicus	Typical Owls	x	x	x			N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
288	Boreal Owl	Aegolius	funereus	Typical Owls	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
289	Short-eared Owl	Asio	flammeus	Typical Owls	x	x	x	x	x	N/A	Special Concern	Special Concern	Breeding populations
290	Long-eared Owl	Asio	otus	Typical Owls	x	x	x			N/A	N/A	N/A	Breeding populations
291	Burrowing Owl	Athene	cunicularia	Typical Owls	x					Endangered	Endangered	N/A	Breeding populations
292	Great Horned Owl	Bubo	virginianus	Typical Owls	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
293	Snow Owl	Nyctea	scandiaca	Typical Owls	x	x	x	x	x	N/A	N/A	N/A	Regular in winter
294	Eastern Screech-Owl	Otus	asio	Typical Owls	x	x				N/A	N/A	N/A	Year-round inhabitant
295	Great Gray Owl	Strix	nebulosa	Typical Owls	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
296	Barred Owl	Strix	varia	Typical Owls	x	x	x			N/A	N/A	N/A	Year-round inhabitant
297	Northern Hawk Owl	Surnia	ulula	Typical Owls	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
298	Olive-sided Flycatcher	Contopus	cooperi	Tyrant Flycatchers	x	x	x	x	x	N/A	Threatened	Threatened	Breeding populations
299	Western Wood-	Contopus	sordidulus	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Peewee												populations
300	Eastern Wood-Peewee	Contopus	virens	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding populations
301	Alder Flycatcher	Empidonax	alorum	Tyrant Flycatchers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
302	Yellow-bellied Flycatcher	Empidonax	flaviventris	Tyrant Flycatchers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
303	Least Flycatcher	Empidonax	minimus	Tyrant Flycatchers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
304	Willow Flycatcher	Empidonax	traillii	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
305	Great Crested Flycatcher	Myiarchus	crinitus	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding populations
306	Eastern Phoebe	Sayornis	phoebe	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding populations
307	Say's Phoebe	Sayornis	saya	Tyrant Flycatchers	x	x				N/A	N/A	N/A	Rare migrant or visitor
308	Scissor-tailed Flycatcher	Tyrannus	forficatus	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
309	Eastern Kingbird	Tyrannus	tyrannus	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding populations
310	Western Kingbird	Tyrannus	verticalis	Tyrant Flycatchers	x	x	x			N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
311	Yellow-throated Vireo	Vireo	flavifrons	Vireos	x	x	x			N/A	N/A	N/A	Breeding populations
312	Warbling Vireo	Vireo	gilvus	Vireos	x	x	x			N/A	N/A	N/A	Breeding populations
313	White-eyed Vireo	Vireo	griseus	Vireos	x					N/A	N/A	N/A	Rare migrant or visitor
314	Red-eyed Vireo	Vireo	olivaceus	Vireos	x	x	x			N/A	N/A	N/A	Breeding populations
315	Philadelphia Vireo	Vireo	philadelphicus	Vireos	x	x	x			N/A	N/A	N/A	Breeding populations
316	Blue-headed Vireo	Vireo	solitarius	Vireos	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
317	Turkey Vulture	Cathartes	aura	Vultures	x	x	x			N/A	N/A	N/A	Breeding populations
318	American Pipit	Anthus	rubescens	Wagtails and Pipits	x	x	x	x	x	N/A	N/A	N/A	Regular migrant
319	Sprague's Pipit	Anthus	spragueii	Wagtails and Pipits	x	x	x			Threatened	Threatened	Threatened	Breeding populations
320	Cedar Waxwing	Bombycilla	cedrorum	Waxwings	x	x	x	x		N/A	N/A	N/A	Year-round inhabitant
321	Bohemian Waxwing	Bombycilla	garrulus	Waxwings	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
322	Northern Flicker	Colaptes	auratus	Woodpeckers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
323	Pileated Woodpecker	Dryocopus	pileatus	Woodpeckers	x	x	x			N/A	N/A	N/A	Year-round inhabitant
324	Red-bellied Woodpecker	Melanerpes	carolinus	Woodpeckers	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
325	Red-headed Woodpecker	Melanerpes	erythrocephalus	Woodpeckers	x	x	x			N/A	Threatened	Threatened	Breeding populations
326	Lewis's Woodpecker	Melanerpes	lewis	Woodpeckers	x	x				N/A	N/A	N/A	Occasional visitor
327	Black-backed Woodpecker	Picoides	arcticus	Woodpeckers	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
328	Downy Woodpecker	Picoides	pubescens	Woodpeckers	x	x	x			N/A	N/A	N/A	Year-round inhabitant
329	Three-toed Woodpecker	Picoides	tridactylus	Woodpeckers	x	x	x	x	x	N/A	N/A	N/A	Year-round inhabitant
330	Hairy Woodpecker	Picoides	villosus	Woodpeckers	x	x	x	x		N/A	N/A	N/A	Year-round inhabitant
331	Yellow-bellied Sapsucker	Sphyrapicus	varius	Woodpeckers	x	x	x			N/A	N/A	N/A	Breeding populations
332	Black-throated Blue Warbler	Dendroica	caerulescens	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
333	Bay-breasted Warbler	Dendroica	castanea	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
334	Yellow-rumped	Dendroica	coronata	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Warbler												populations
335	Prairie Warbler	Dendroica	discolor	Wood-Warblers	x					N/A	N/A	N/A	Occasional visitor
336	Yellow-throated Warbler	Dendroica	dominica	Wood-Warblers	x	x				N/A	N/A	N/A	Occasional visitor
337	Blackburnian Warbler	Dendroica	fusca	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
338	Magnolia Warbler	Dendroica	magnolia	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
339	Palm Warbler	Dendroica	palmarum	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
340	Chestnut-sided Warbler	Dendroica	pensylvanica	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
341	Yellow Warbler	Dendroica	petechia	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
342	Pine Warbler	Dendroica	pinus	Wood-Warblers	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
343	Blackpoll Warbler	Dendroica	striata	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
344	Cape May Warbler	Dendroica	tigrina	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
345	Black-throated Green Warbler	Dendroica	virens	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
346	Common Yellowthroat	Geothlypis	trichas	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
347	Worm-eating Warbler	Helmitheros	vermivorus	Wood-Warblers	x					N/A	N/A	N/A	Occasional visitor
348	Yellow-breasted Chat	Icteria	virens	Wood-Warblers	x	x	x			N/A	Special Concern	N/A	Occasional visitor
349	Black-and-white Warbler	Mniotilta	varia	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
350	Connecticut Warbler	Oporornis	agilis	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
351	Kentucky Warbler	Oporornis	formosus	Wood-Warblers	x					N/A	N/A	N/A	Occasional visitor
352	Mourning Warbler	Oporornis	philadelphia	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
353	Northern Parula	Parula	americana	Wood-Warblers	x	x	x			N/A	N/A	N/A	Rare migrant or visitor
354	Prothonotary Warbler	Protonotaria	citrea	Wood-Warblers		x	x			N/A	Endangered	N/A	Occasional visitor
355	Ovenbird	Seiurus	aurocapillus	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
356	Northern Waterthrush	Seiurus	noveboracensis	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
357	American	Setophaga	ruticilla	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
	Redstart	a											populations
358	Orange-crowned Warbler	Vermivora	celata	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
359	Golden-winged Warbler	Vermivora	chrysoptera	Wood-Warblers	x	x	x			N/A	Threatened	Threatened	Breeding populations
360	Tennessee Warbler	Vermivora	peregrina	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
361	Blue-winged Warbler	Vermivora	pinus	Wood-Warblers	x					N/A	N/A	N/A	Occasional visitor
362	Nashville Warbler	Vermivora	ruficapilla	Wood-Warblers	x	x	x			N/A	N/A	N/A	Breeding populations
363	Canada Warbler	Wilsonia	canadensis	Wood-Warblers	x	x	x			N/A	Threatened	Threatened	Breeding populations
364	Hooded Warbler	Wilsonia	citrina	Wood-Warblers	x					N/A	N/A	N/A	Occasional visitor
365	Wilson's Warbler	Wilsonia	pusilla	Wood-Warblers	x	x	x	x	x	N/A	N/A	N/A	Breeding populations
366	Marsh Wren	Cistothorus	palustris	Wrens	x	x	x			N/A	N/A	N/A	Breeding populations
367	Sedge Wren	Cistothorus	platensis	Wrens	x	x	x			N/A	N/A	N/A	Breeding populations
368	Rock Wren	Salpinctes	obsoletus	Wrens	x	x	x			N/A	N/A	N/A	Occasional visitor

No.	Common Name	Genus	Species	Family	Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain	Provincial Listing	Federal Listing	COSEWIC	Occurrence Type
369	Carolina Wren	Thryothorus	ludovicianus	Wrens	x	x				N/A	N/A	N/A	Occasional visitor
370	House Wren	Troglodytes	aedon	Wrens	x	x	x			N/A	N/A	N/A	Breeding populations
371	Winter Wren	Troglodytes	troglodytes	Wrens	x	x	x		x	N/A	N/A	N/A	Breeding populations

Table 6A-6: Colonial Water Bird Species Potentially Found in the Bipole III Project Area

	Common Name	Genus	Species	Observed	Comments
1	Clark's Grebe	Aechmophorus	clarkii	No	Colony nesters
2	Western Grebe	Aechmophorus	occidentalis	Yes	Colony nesters
3	Great Blue Heron	Ardea	herodias	Yes	Colony nesters
4	Cattle Egret	Bubulcus	ibis	No	Nests with other heron species, uncommon nesters
5	Black Tern	Chlidonias	niger	No	Colony nesters
6	Bonaparte's Gull	Larus	philadelphia	Yes	Loose colony nesters
7	California Gull	Larus	californicus	No	Colony nesters
8	Franklin's Gull	Larus	pipixcan	No	Colony nesters
9	Herring Gull	Larus	argentatus	Yes	Colony nesters
10	Ring-billed Gull	Larus	delawarensis	Yes	Colony nesters
11	Black-crowned Night-Heron	Nycticorax	nycticorax	Yes	Colony nesters
12	American White Pelican	Pelecanus	erythrorhynchos	Yes	Colony nesters
13	Double-crested Cormorant	Phalacrocorax	auritus	Yes	Colony nesters
14	Red-necked Grebe	Podiceps	grisegena	No	Pairs will nest together when sites are limited
15	Eared Grebe	Podiceps	nigricollis	No	Colony nesters
16	Caspian Tern	Sterna	caspia	Yes	Colony nesters
17	Common Tern	Sterna	hirundo	Yes	Colony nesters
18	Forster's Tern	Sterna	forsteri	No	Colony nesters

Table 6A-7: List of Amphibian and Reptile Species found in Manitoba and their Respective Status under COSEWIC, SARA, MBESA, and the Manitoba Wildlife Act

Scientific Name	Common Name	Range within BiPole III Study Area	Status Listings			
			COSEWIC	SARA	MBESA	Other Status
CLASS AMPHIBIA						
Order Anura (Frogs and Toads)						
<i>Anaxyrus americanus americanus</i>	Eastern American Toad	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Anaxyrus cognatus</i>	Great Plains Toad	NO	Special Concern	Special Concern	Threatened	n/a
<i>Anaxyrus hemiophrys</i>	Canadian Toad	YES	Not at Risk		Not Listed	n/a
<i>Hyla chrysoscelis</i>	Cope's Gray Treefrog	YES	Not at Risk		Not Listed	n/a
<i>Hyla versicolor</i>	Gray Treefrog	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Lithobates clamitans</i>	Green Frog	NO	Not Listed	Not Listed	Not Listed	n/a
<i>Lithobates septentrionalis</i>	Mink Frog	NO	Not Listed	Not Listed	Not Listed	n/a
<i>Lithobates pipiens</i>	Northern Leopard Frog (western boreal/prairie population)	YES	Special Concern	Special Concern	Not Listed	n/a
<i>Lithobates sylvaticus</i>	Wood Frog	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Pseudacris crucifer</i>	Spring Peeper	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Pseudacris maculata</i>	Boreal Chorus Frog	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Spea bombifrons</i>	Plains Spadefoot	YES	Not at Risk		Not Listed	Protected Spps (MB Wildlife Act, Div6)
Order Caudata (Salamanders)						
<i>Ambystoma laterale</i>	Blue-Spotted Salamander	YES	Not Listed	Not Listed	Not Listed	n/a
<i>Ambystoma mavortium</i>	Gray Tiger Salamander	YES	Not at Risk		Not Listed	n/a

<i>diaboli</i>							
<i>Necturus maculosus maculosus</i>	Common Mudpuppy	YES		Not at Risk		Not Listed	n/a
CLASS REPTILIA							
Order Testudines							
<i>Chelydra serpentina serpentina</i>	Common Snapping Turtle	YES		Special Concern	No Status	Not Listed	n/a
<i>Chrysemys picta bellii</i>	Western Painted Turtle	YES		Not at Risk		Not Listed	n/a
Order Squamata (Lizards and Snakes)							
<i>Plestiodon septentrionalis septentrionalis</i>	Northern Prairie Skink	YES		Endangered	Endangered	Not Listed	Protected Spps (MB Wildlife Act, Div6)
<i>Heterodon nasicus nasicus</i>	Plains Hognose Snake	YES		Not Listed	Not Listed	Not Listed	Protected Spps (MB Wildlife Act, Div6)
<i>Opheodrys vernalis</i>	Smooth Green Snake	YES		Not Listed	Not Listed	Not Listed	n/a
<i>Storeria occipitomaculata occipitomaculata</i>	Northern Redbelly Snake	YES		Not Listed	Not Listed	Not Listed	n/a
<i>Thamnophis radix</i>	Plains Garter Snake	YES		Not Listed	Not Listed	Not Listed	n/a
<i>Thamnophis sirtalis parietalis</i>	Red-sided Garter Snake	YES		Not Listed	Not Listed	Not Listed	n/a

Table 6A-8: Manitoba Ecozones for Amphibian and Reptile Species found in the Bipole II Study Area

Scientific Name	Common Name	EcoZone within Study Area				
		Prairie	Boreal Plain	Boreal Shield	Taiga Shield	Hudson Plain
CLASS AMPHIBIA						
Order Anura (Frogs and Toads)						
<i>Anaxyrus americanus americanus</i>	Eastern American Toad			✓		
<i>Anaxyrus hemiophrys</i>	Canadian Toad	✓	✓			
<i>Hyla chrysoscelis</i>	Cope's Gray Treefrog	✓	✓			
<i>Hyla versicolor</i>	Gray Treefrog	✓	✓			
<i>Lithobates pipiens</i>	Northern Leopard Frog (western boreal/prairie population)	✓	✓	✓	✓	✓
<i>Lithobates sylvaticus</i>	Wood Frog	✓	✓	✓	✓	✓
<i>Pseudacris crucifer</i>	Spring Peeper		✓	✓		
<i>Pseudacris maculata</i>	Boreal Chorus Frog	✓	✓	✓	✓	✓
<i>Spea bombifrons</i>	Plains Spadefoot	✓				
Order Caudata (Salamanders)						
<i>Ambystoma laterale</i>	Blue-Spotted Salamander		✓			
<i>Ambystoma mavortium diaboli</i>	Gray Tiger Salamander	✓	✓			
<i>Necturus maculosus maculosus</i>	Common Mudpuppy	✓	✓			
CLASS REPTILIA						
Order Testudines						
<i>Chelydra serpentina serpentina</i>	Common Snapping Turtle	✓	✓			
<i>Chrysemys picta bellii</i>	Western Painted Turtle	✓	✓			
Order Squamata (Lizards and Snakes)						
<i>Plestiodon septentrionalis septentrionalis</i>	Northern Prairie Skink	✓				
<i>Heterodon nasicus nasicus</i>	Plains Hognose Snake	✓				
<i>Opheodrys vernalis</i>	Smooth Green Snake	✓	✓			
<i>Storeria occipitomaculata occipitomaculata</i>	Northern Redbelly Snake	✓	✓			
<i>Thamnophis radix</i>	Plains Garter Snake	✓	✓			
<i>Thamnophis sirtalis parietalis</i>	Red-sided Garter Snake	✓	✓	✓		

Table 6A-9: List of Terrestrial Invertebrate Species at Risk found in Manitoba

Scientific Name	Common Name	Range within Study Area	Status Listings ¹		
			COSEWIC	SARA	MBESA
CLASS INSECTA					
Order Lepidoptera (Moths and Butterflies)					
<i>Copablepharon grandis</i>	Pale Yellow Dune Moth	YES	Special concern	Special concern	not listed
<i>Copablepharon longipenne</i>	Dusky Dune Moth	YES	Endangered	Endangered	not listed
<i>Danaus plexippus</i>	Monarch	YES	Special concern	Special concern	not listed
<i>Hesperia dacotae</i>	Dakota Skipper	YES	Threatened	Threatened	Threatened
<i>Hesperia ottoe</i>	Ottoe Skipper	YES	Endangered	Endangered	Threatened
<i>Hesperia uncas</i>	Uncas Skipper	YES	not listed	not listed	Endangered
<i>Neominois ridingsii</i>	Riding's Satyr	N/A			Extirpated
<i>Oarisma powesheik</i>	Poweshiek Skipperling	NO	Threatened	Threatened	Threatened
<i>Schinia avemensis</i>	Gold-edged Gem	YES	Endangered	Endangered	not listed
<i>Schinia bimatris</i>	White Flower Moth	YES	Endangered	Endangered	not listed
<i>Schinia verna</i>	Verna's Flower Moth	YES	Threatened	Threatened	not listed

Note:

1. Although distribution range does not fall within the Bipole III Study Area, preferred habitat is present on the routes and the species proximity to the routes suggests these species need to be taken into consideration.

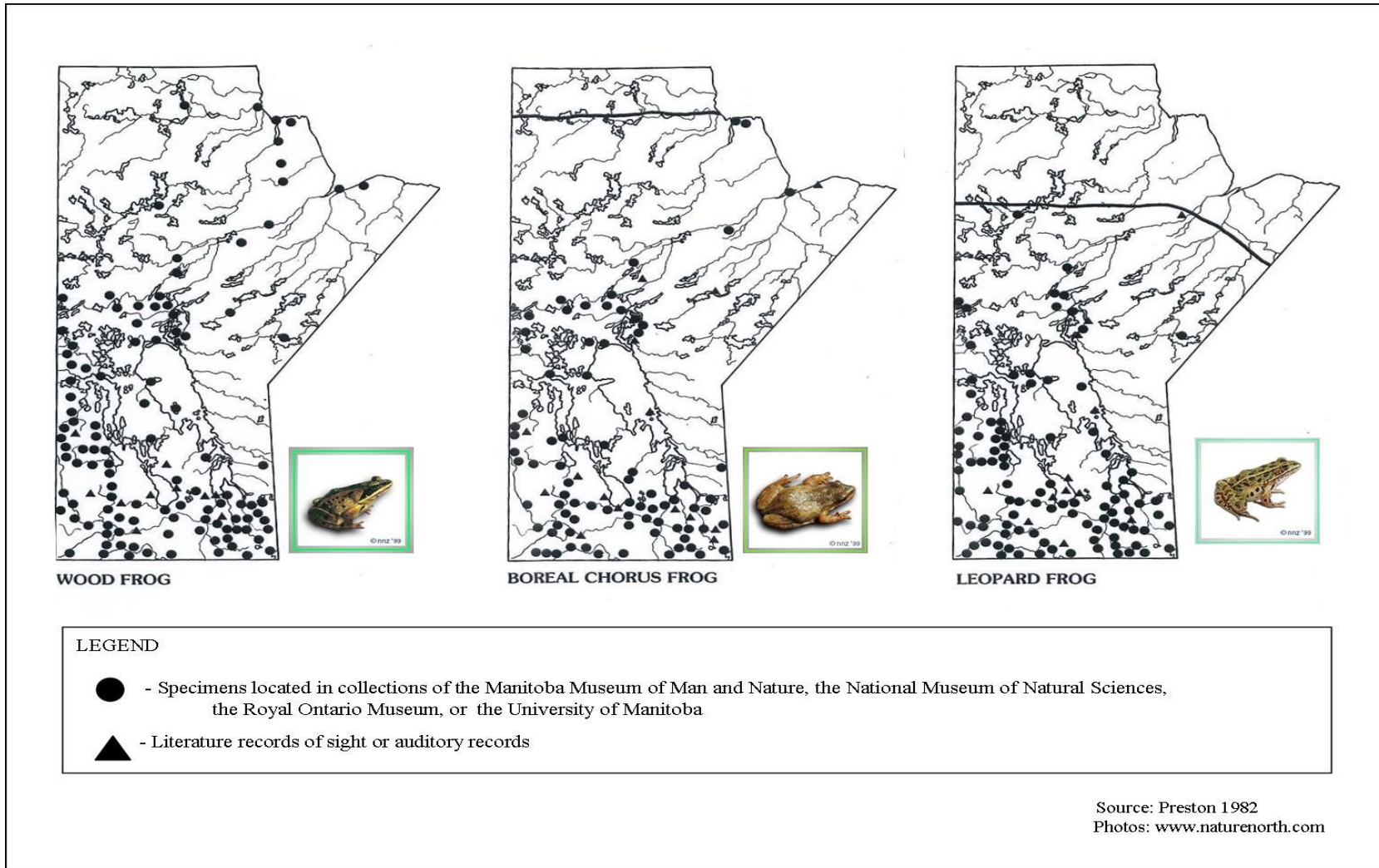


Figure 6A-1: Distribution of the Wood Frog (*Lithobates sylvaticus*), Boreal Chorus Frog (*Pseudacris maculata*), and Northern Leopard Frog (*Lithobates pipiens*) in Manitoba

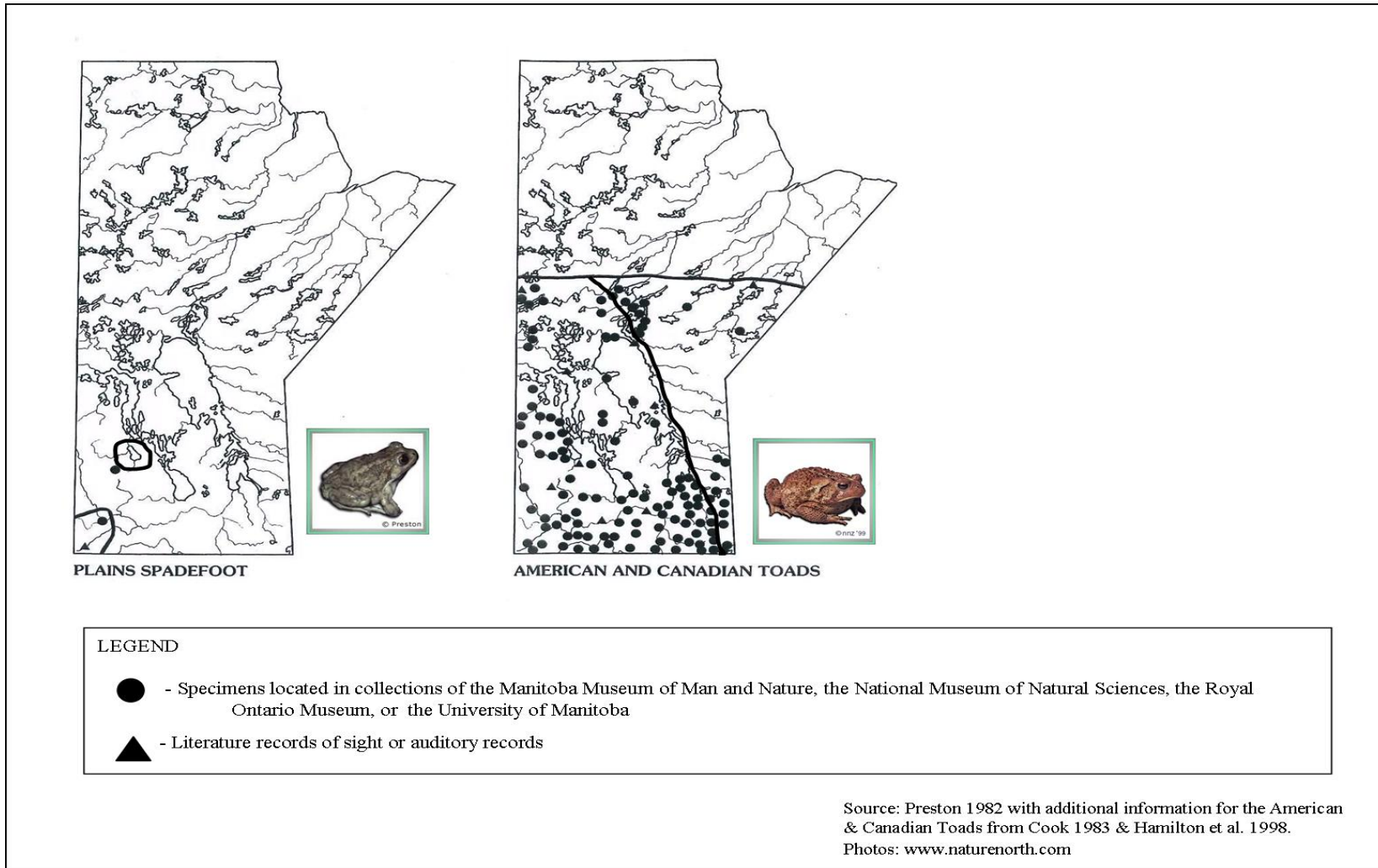


Figure 6A-2: Distribution of the Spadefoot (*Spea bombifrons*), and Canadian (left, *Anaxyrus hemiophrys*) and American (right, *Anaxyrus americanus americanus*) Toads in Manitoba

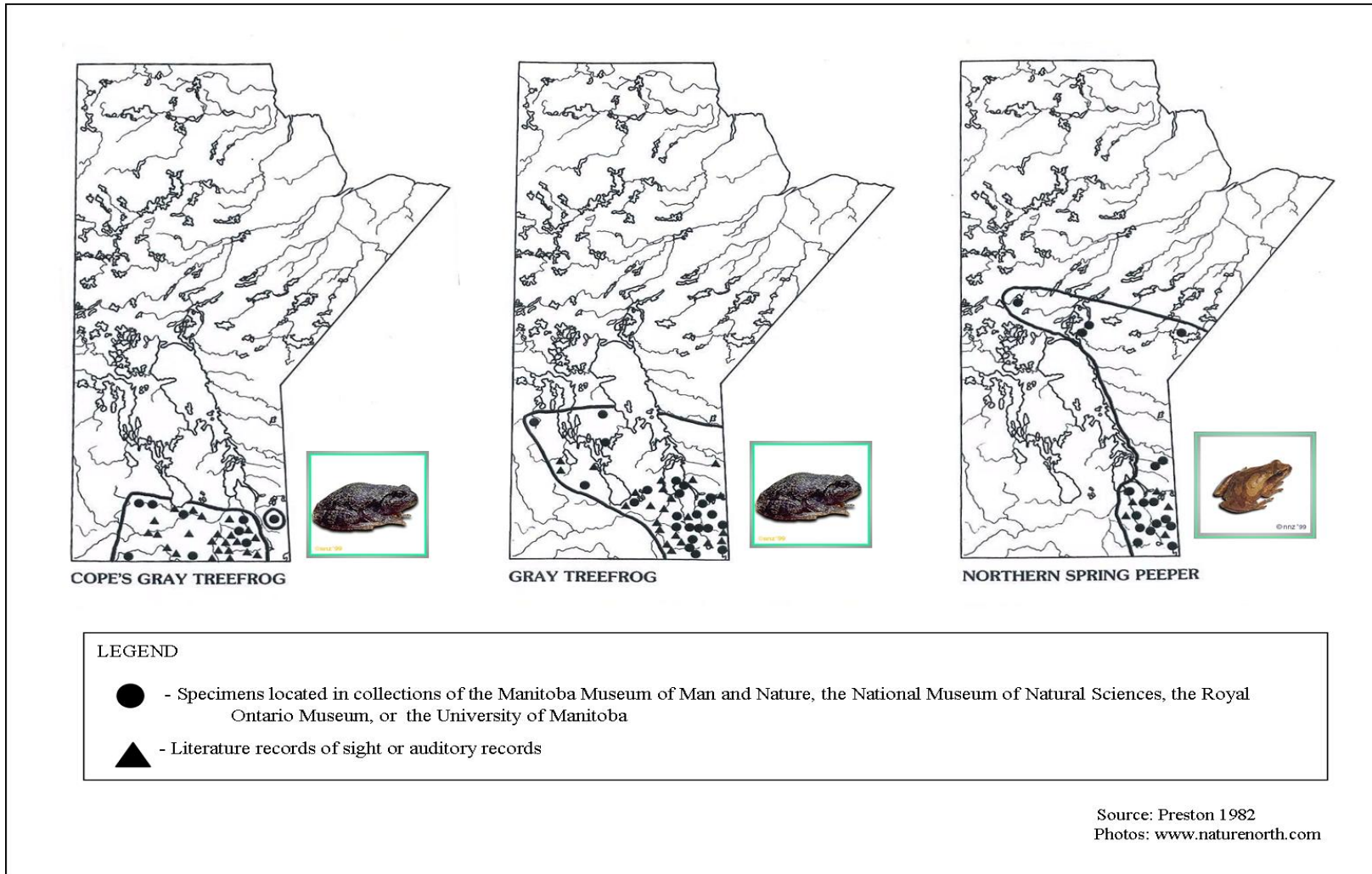


Figure 6A-3: Distribution of Cope's Gray Treefrog (*Hyla chrysoscelis*), Gray Treefrog (*Hyla versicolor*), and Northern Spring Peeper (*Pseudacris crucifer*) in Manitoba

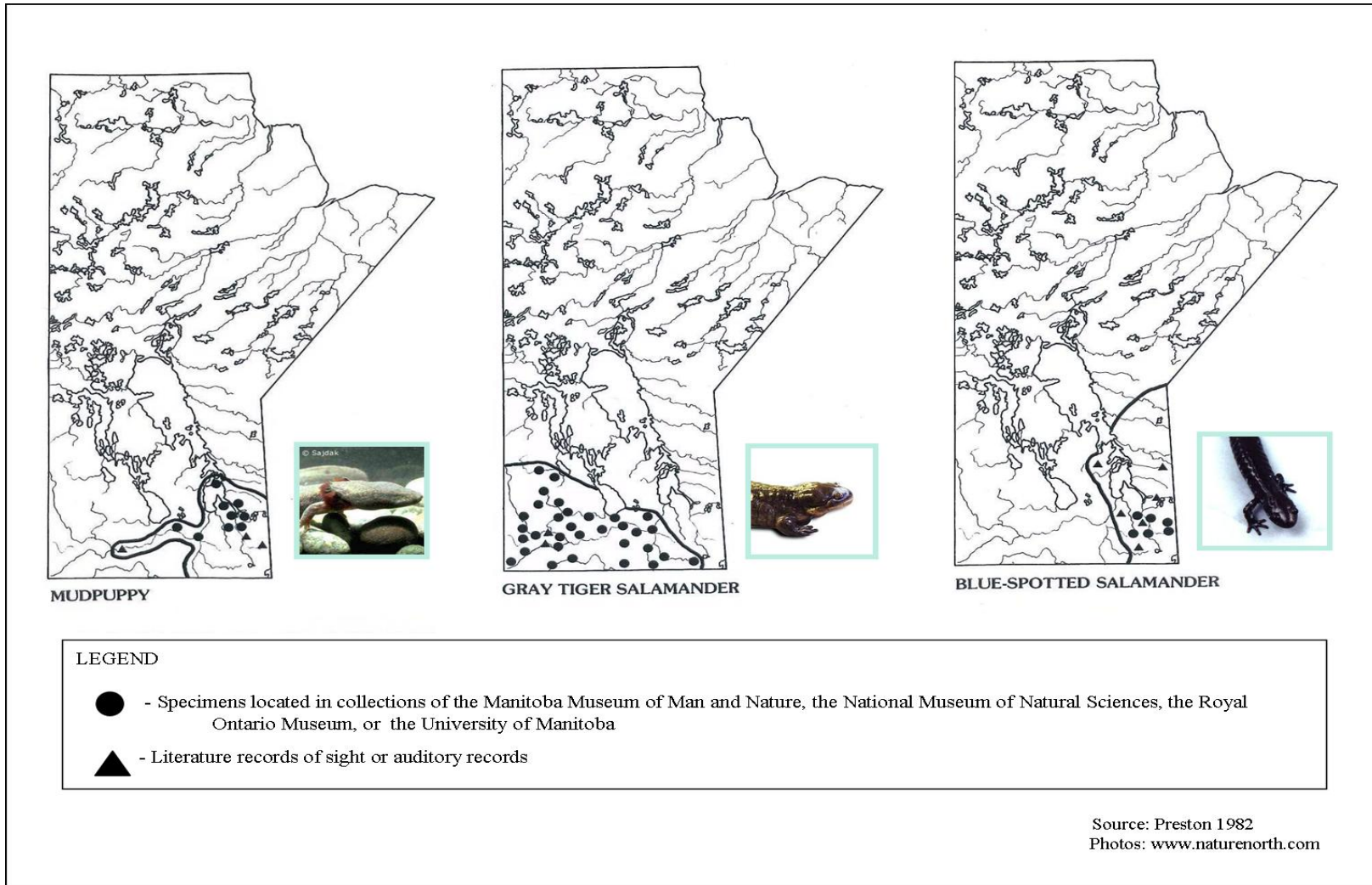


Figure 6A-4: Distribution of the Common Mudpuppy (*Necturus maculosus maculosus*), Gray Tiger Salamander (*Ambystoma mavortium diaboli*), and Blue-spotted Salamander (*Ambystoma laterale*) in Manitoba

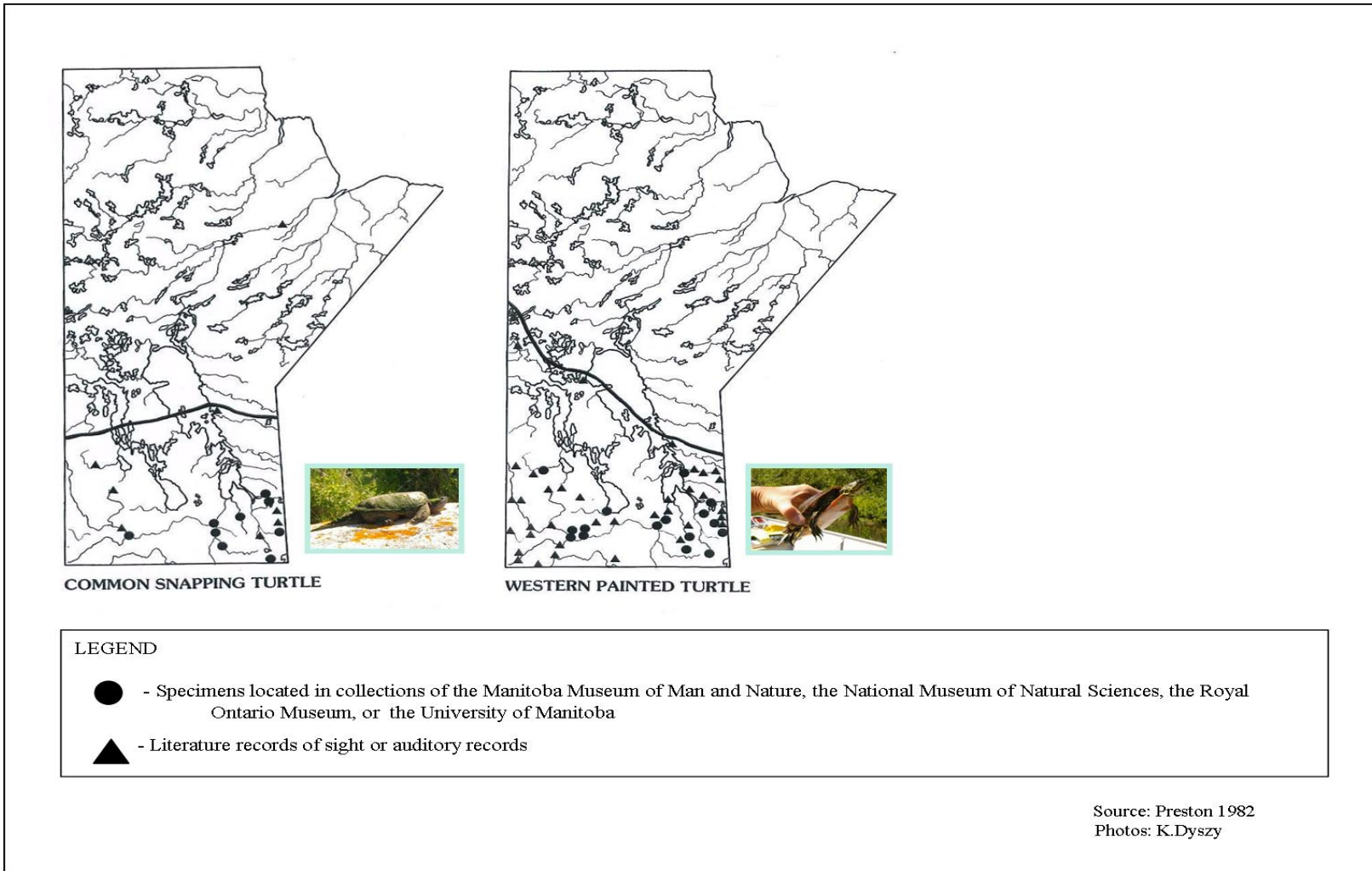


Figure 6A-5: Distribution of the Common Snapping Turtle (*Chelydra serpentina serpentina*), and the Western Painted Turtle (*Chrysemys picta bellii*) in Manitoba

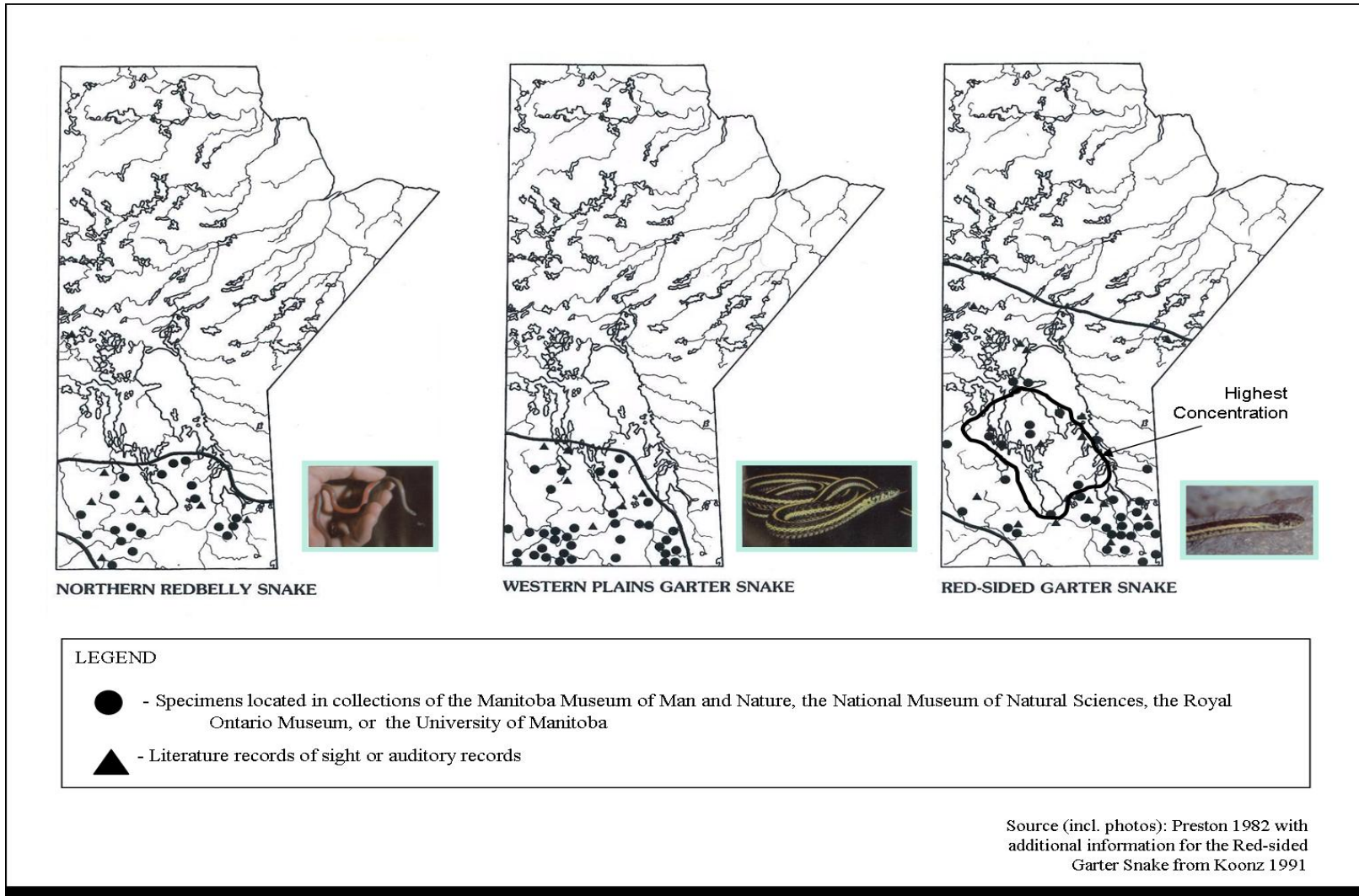


Figure 6A-6: Distribution of the Northern Redbelly Snake (*Storeria occipitomaculata occipitomaculata*), Western Plains Garter Snake (*Thamnophis radix*), and Red-sided Garter Snake (*Thamnophis sirtalis parietalis*) in Manitoba

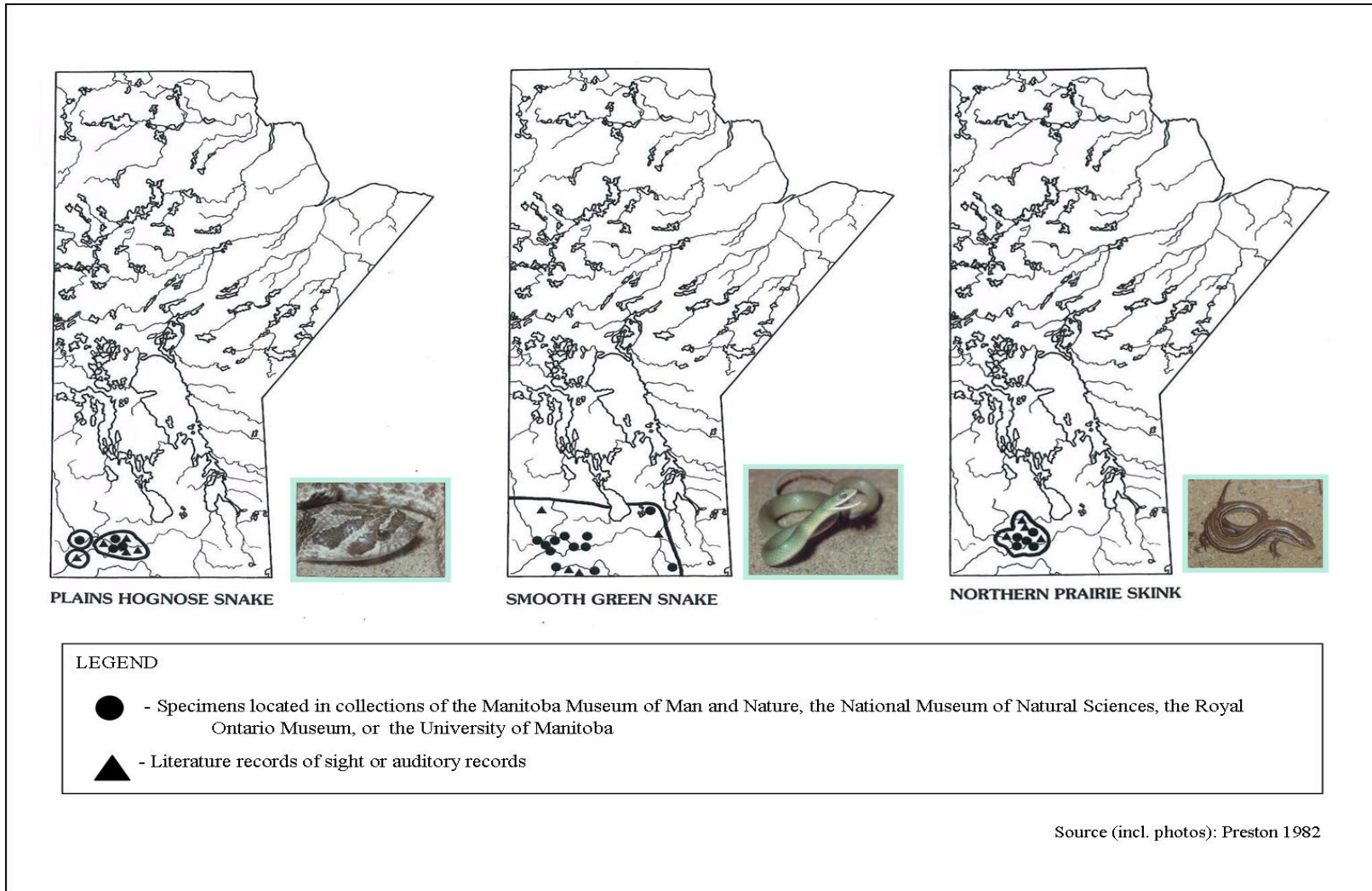


Figure 6A-7: Distribution of the Plains Hognose Snake (*Heterodon nasicus nasicus*), Smooth Green Snake (*Opheodrys vernalis*), and Northern Prairie Skink (*Eumeces septentrionalis septentrionalis*) in Manitoba

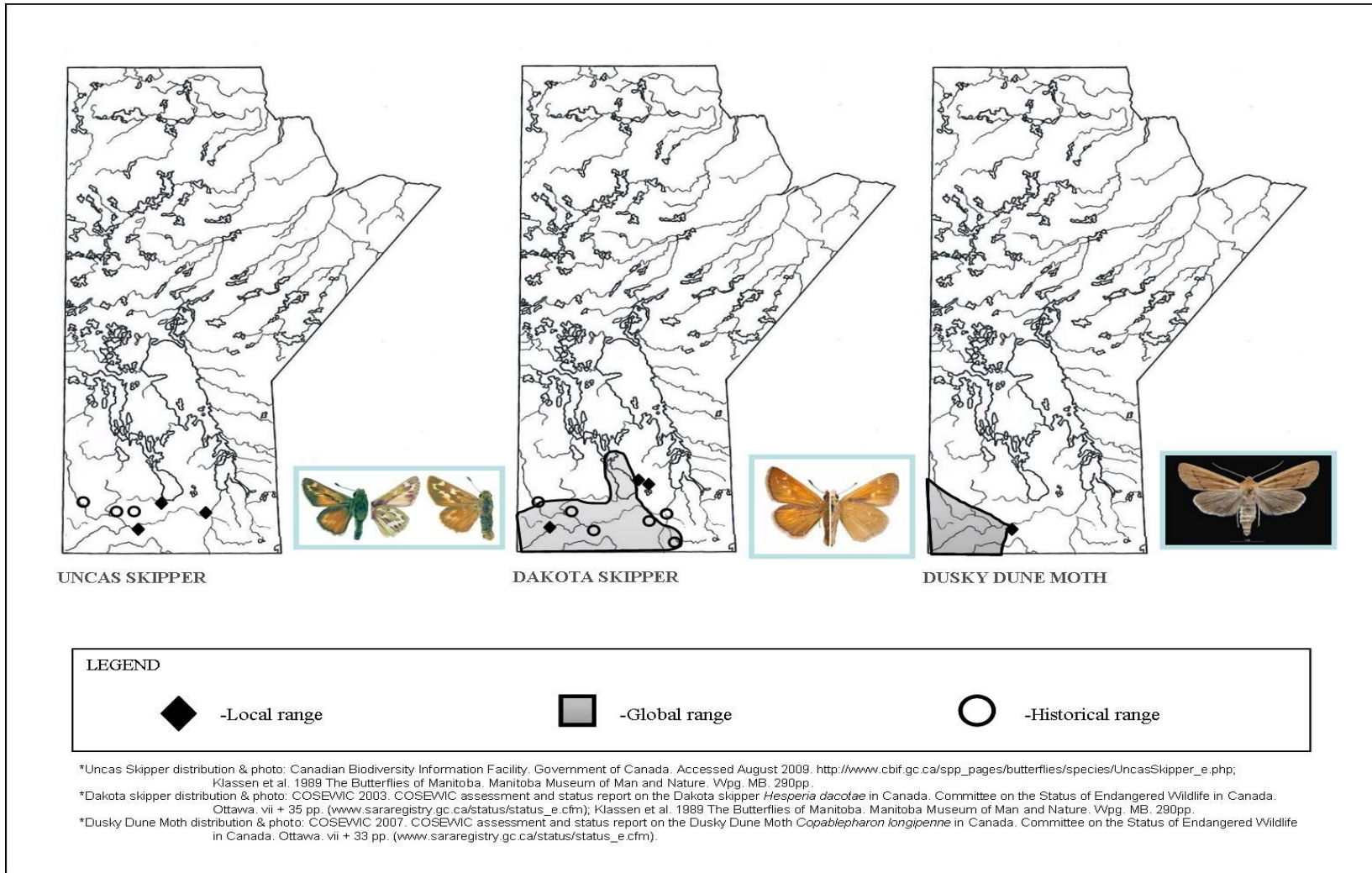


Figure 6A-8: Distribution of the Uncas Skipper (*Hesperia uncas*), the Dakota Skipper (*Hesperia dacotae*) and the Dusky Dune Moth (*Copablepharon longipenne*) in Manitoba

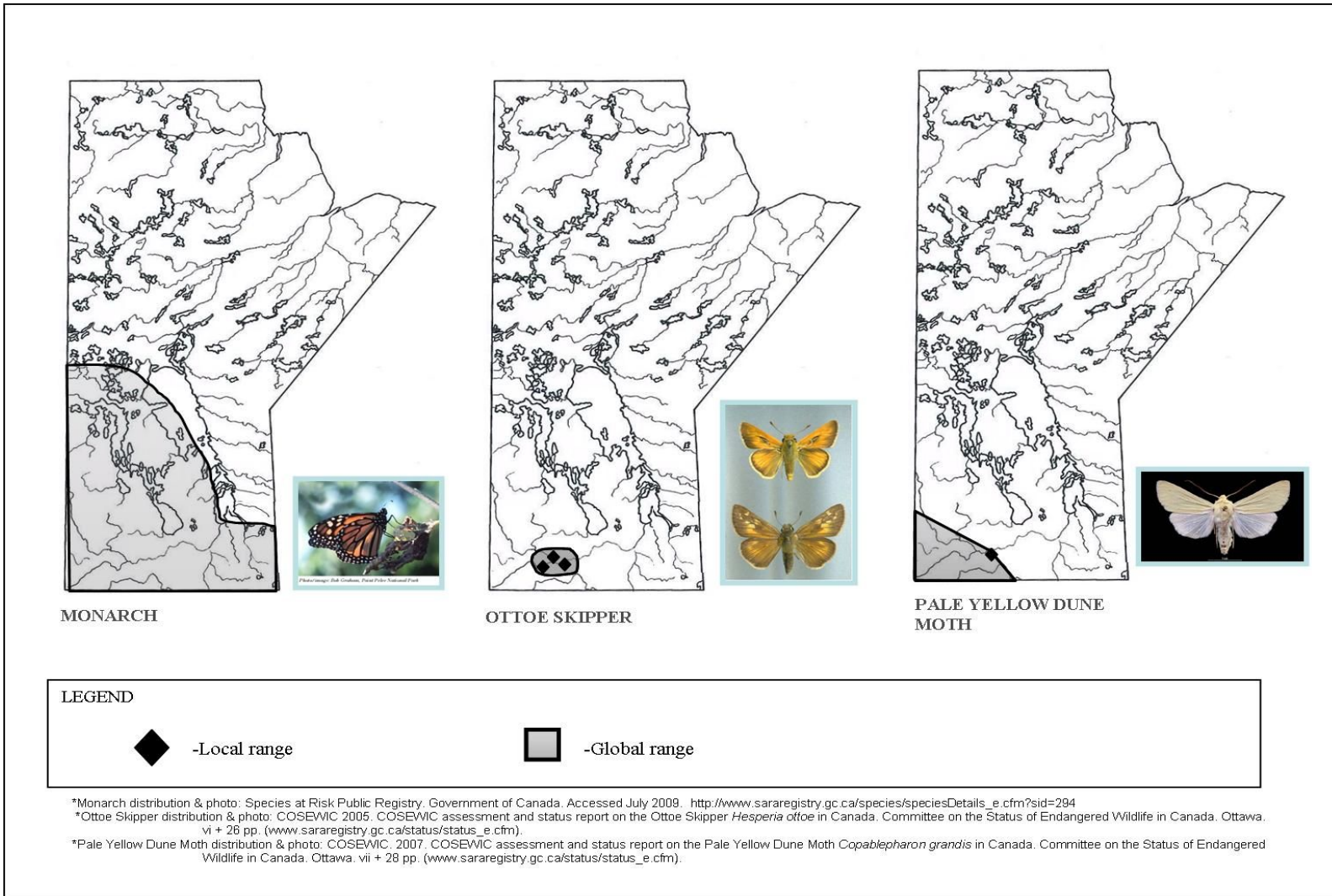


Figure 6A-9: Distribution of the Monarch (*Danaus plexippus*), the Ottoe Skipper (*Hesperia ottoe*) and the Pale Yellow Dune Moth (*Copablepharon grandis*) in Manitoba