

## **Appendix I**

### **Insects**



**Table I-1 : Species of Insects Recorded by Brunet, Duhamel et Léger (Juin 2008) in Schefferville Area**

Common English Name	Common French Name	Scientific Name	Order
Ground beetle	Carabe	<i>Pterostichus patruelis</i>	Coleoptera
Eye-spotted lady beetle	Coccinelle ocellée	<i>Anatis mali</i>	Coleoptera
none	aucun	Cucicidae spp	Diptera
Black fly	Mouche noire	Simuliidae spp	Diptera
none	aucun	<i>Hybomitra affinis</i>	Diptera

Source : Brunet *et al.* (Juin 2008)

**Table I-2 : Species of Butterfly Recorded by Munroe (1951) in Schefferville Area**

Common English Name	Common French Name	Scientific Name	Order
Arctic blue	Bleu arctique	<i>Plebejus aquilo</i> ( <i>Agrides glandon franklinii</i> )	Lepidoptera
Arctic fritillary	Boloria arctique	<i>Boloria chariclea</i>	Lepidoptera
Common branded skipper	Hespérie boréale	<i>Hesperia comma borealis</i>	Lepidoptera
Melissa arctic	Nordique mélissa	<i>Oeneis melissa melissa</i>	Lepidoptera
Pelidne sulphur	Coliade commun du Nord	<i>Colias pelidne</i>	Lepidoptera
Polaris fritillary	Boloria polaire	<i>Boloria polaris</i>	Lepidoptera
Silver-bordered fritillary	Boloria à taches argentées	<i>Boloria selene atrocotalis</i>	Lepidoptera
Bog fritillary	Boloria des tourbières	<i>Boloria apherape</i> ( <i>Boloria eunomia dawsoni</i> <sup>1</sup> )	Lepidoptera
none	aucun	<i>Plebejus scudderi</i>	Lepidoptera

Source : Munroe (1951)

<sup>1</sup>The scientific name used by Munroe (1951) has been replaced by this scientific name.

**Table I-3 : Species of Butterfly Recorded by Anthony (March 1969) in Schefferville Area**

Common English Name	Common French Name	Scientific Name	Notes
Arctic blue	Bleu arctique	<i>Plebejus aquilo/Argus aquilo</i> ( <i>Agriades glandon franklinii</i> <sup>1</sup> )	Found at ±671 meters asl. Abundant at some localities.
Arctic fritillary	Boloria arctique	<i>Boloria titania boisduvalii/</i> <i>Argynnis boisduvalii</i> ( <i>Boloria chariclea</i> <sup>1</sup> )	In open areas of tundra forest at 488 to 549 meters asl. Scarce.
Bog fritillary	Boloria des tourbières	<i>Boloria eunomia tricularus/</i> <i>Argynnis tricularus</i> ( <i>Boloria eunomia dawsoni</i> <sup>1</sup> )	Locally abundant. Near wet areas below tree line.
Jutta arctic	Nordique des tourbières	<i>Oeneis jutta riddingiana</i>	Always below tree line. Most numerous <i>Oenis</i> found. Most common on margins of bogs/ wetlands.
Melissa arctic	Nordique mélissa	<i>Oeneis melissa semplei/Oeneis</i> <i>semplei</i> ( <i>Oeneis melissa melissa</i> <sup>1</sup> )	Numerous at summit of Irony Mountain (±848 meters asl). Not found at any other location.
Pelidne sulphur	Coliade commun du Nord	<i>Colias pelidne labradorensis/</i> <i>Colias labradorensis</i> ( <i>Colia pelidne</i> <sup>1</sup> )	Not limited by altitude or environment. Scarce.
Polaris fritillary	Boloria polaire	<i>Boloria polaris groenlandica/</i> <i>Argynnis chariclea</i> var. <i>groenlandica</i> ( <i>Boloria polaris</i> <sup>1</sup> )	From 666 to 848 meters asl. Scarce in 1967, but reported to be abundant by others in 1948 and 1964.
Silver-bordered fritillary	Boloria à taches argentées	<i>Boloria selene atrocotalis/</i> <i>Brenthis atrocotalis</i>	In wet areas at lower elevations.
White-veined arctic	Nordique à nervures blanches	<i>Oeneis taygete taygete/Oeneis</i> <i>taygete</i> ( <i>Oeneis bore taygete</i> <sup>1</sup> )	Only above tree line in grassy areas of dried-up lakes.

Source : Anthony (March 1969)

<sup>1</sup>The scientific name used by Anthony (1969) has been replaced by this scientific name.

## **Appendix II**

### **Avifauna**



**Table II-1 : Species of Birds Observed in the Howells River Basin, 1983-2006**

Species			Spring-Fall 1983-2002 <sup>1</sup>	Summer 2003 <sup>2</sup>	Spring 2005 <sup>3</sup>		Summer 2006 <sup>4</sup>
Common English Name	Common French Name	Scientific Name			Wetland	Transitional Forest	
Alder flycatcher	Moucherolle des aulnes	<i>Empidonax alnorum</i>				X	
American bittern	Butor d'Amérique	<i>Botaurus lentiginosus</i>	X				
American black duck	Canard noir	<i>Anas rubripes</i>	X		X		
American redstart	Paruline flamboyante	<i>Setophaga ruticilla</i>			X	X	
American robin	Merle d'Amérique	<i>Turdus migratorius</i>	X	X	X	X	
American tree sparrow	Bruant hudsonien	<i>Spizella arborea</i>			X	X	
Bald eagle	Pygargue à tête blanche	<i>Haliaeetus leucocephalus</i>	X				
Belted kingfisher	Martin-pêcheur d'Amérique	<i>Ceryle alcyon</i>	X				
Black-and-white warbler	Paruline noir et blanc	<i>Mniotilta varia</i>			X	X	
Blackpoll warbler	Paruline rayée	<i>Dendroica striata</i>	X				
Black scoter	Macreuse noire	<i>Melanitta nigra</i>					X
Boreal chickadee	Mésange à tête brune	<i>Parus hudsonicus</i>	X		X	X	
Canada goose	Bernache du Canada	<i>Branta canadensis</i>	X	X	X	X	
Cape may warbler	Paruline tigrée	<i>Dendroica tigrina</i>			X	X	
Chipping sparrow	Bruant familier	<i>Spizella passerina</i>			X	X	
Common goldeneye	Garrot à oeil d'or	<i>Bucephala clangula</i>					X
Common loon	Plongeon huard	<i>Gavia immer</i>	X	X	X	X	
Common merganser	Grand harle	<i>Mergus merganser</i>	X			X	X
Common raven	Grand corbeau	<i>Corvus corax</i>	X	X		X	
Common redpoll	Sizerin flame	<i>Carduelis flammea</i>	X		X	X	
Common snipe	Bécassine des marais	<i>Gallinago gallinago</i>	X				
Common tern	Sterne pierregarin	<i>Sterna hirundo</i>			X		

Species			Spring-Fall 1983-2002 <sup>1</sup>	Summer 2003 <sup>2</sup>	Spring 2005 <sup>3</sup>		Summer 2006 <sup>4</sup>
Common English Name	Common French Name	Scientific Name			Wetland	Transitional Forest	
Duck	Canard	n/a		X			
Fox sparrow	Bruant fauve	<i>Passerella iliaca</i>			X	X	
Golden eagle	Aigle royal	<i>Aquila chrysaetos</i>	X				
Golden-crowned kinglet	Roitelet à couronne dorée	<i>Regulus satrapa</i>				X	
Greater yellowlegs	Grand Chevalier	<i>Tringa melanoleuca</i>	X		X	X	X
Green-winged teal	Sarcelle d'hiver	<i>Anas crecca</i>	X				X
Grey jay	Mésangeai du Canada	<i>Perisoreus canadensis</i>	X	X	X	X	
Grey-cheeked thrush	Grive à joues grises	<i>Catharus minimus</i>			X	X	
Hermit thrush	Grive solitaire	<i>Catharus guttatus</i>			X		
Herring gull	Goéland argenté	<i>Larus argentatus</i>		X	X		X
Hoary redpoll	Sizerin blanchâtre	<i>Carduelis hornemanni</i>	X				
Lapland longspur	Bruant lapon	<i>Calcarius lapponicus</i>	X				
Lincoln's sparrow	Bruant de Lincoln	<i>Melospiza lincolnii</i>			X	X	
Magnolia warbler	Paruline à tête cendrée	<i>Dendroica magnolia</i>				X	
Merganser	Harle	<i>Mergus</i> sp., <i>Lophodytes</i> sp.					X
Myrtle warbler	Paruline à croupion jaune	<i>Dendroica coronata</i>			X	X	
Northern hawk owl	Chouette épervière	<i>Surnia ulula</i>		X			
Northern pintail	Canard pilet	<i>Anas acuta</i>	X				
Northern three-toed woodpecker	Pic tridactyle	<i>Picoides tridactylus</i>			X	X	
Northern waterthrush	Paruline des ruisseaux	<i>Seiurus noveboracensis</i>	X		X	X	
Osprey	Balbusard pêcheur	<i>Pandion haliaetus</i>	X	X	X		
Ovenbird	Paruline couronnée	<i>Seiurus aurocapillus</i>			X	X	
Palm warbler	Paruline à couronne rousse	<i>Dendroica palmarum</i>			X	X	
Philadelphia vireo	Viréo de Philadelphie	<i>Vireo philadelphicus</i>				X	

Species			Spring-Fall 1983-2002 <sup>1</sup>	Summer 2003 <sup>2</sup>	Spring 2005 <sup>3</sup>		Summer 2006 <sup>4</sup>
Common English Name	Common French Name	Scientific Name			Wetland	Transitional Forest	
Pine grosbeak	Durbec des sapins	<i>Pinicola enucleator</i>		X		X	
Red-breasted merganser	Harle huppé	<i>Mergus serrator</i>		X			X
Red-breasted nuthatch	Sitelle à poitrine rousse	<i>Sitta canadensis</i>				X	
Ring-billed gull	Goéland à bec cerclé	<i>Larus delawarensis</i>				X	
Ring-necked duck	Fuligule à collier	<i>Aythya collaris</i>					X
Rough-legged hawk	Buse pattue	<i>Buteo lagopus</i>	X	X			
Ruby-crowned kinglet	Roitelet à couronne rubis	<i>Regulus calendula</i>	X		X	X	
Rusty blackbird	Quiscale rouilleux	<i>Euphagus carolinus</i>		X	X	X	X
Savannah sparrow	Bruant des prés	<i>Passerculus sandwichensis</i>			X		
Scaup	Fuligule	<i>Aythya sp.</i>					X
Scoter	Macreuse	<i>Scoter spp.</i>					X
Semipalmated plover	Pluvier semipalmé	<i>Charadrius semipalmatus</i>	X				
Slate-colored junco	Junco ardoisé	<i>Junco hyemalis</i>			X	X	
Spotted sandpiper	Chevalier grivelé	<i>Actitis macularia</i>	X		X		
Spruce grouse	Tétras du Canada	<i>Falcapennis canadensis</i>		X		X	
Surf scoter	Macreuse à front blanc	<i>Melanitta perspicillata</i>					X
Swainson's thrush	Grive à dos olive	<i>Catharus ustulatus</i>				X	
Tennessee warbler	Paruline obscure	<i>Vermivora peregrina</i>	X				
Tree swallow	Hirondelle bicolor	<i>Tachycineta bicolor</i>			X	X	
White-crowned sparrow	Bruant à couronne blanche	<i>Zonotrichia leucophrys</i>	X	X	X	X	
White-throated sparrow	Bruant à gorge blanche	<i>Zonotrichia albicollis</i>			X	X	
White-winged crossbill	Bec-croisé bifascié	<i>Loxia leucoptera</i>			X		
Wilson's warbler	Paruline à calotte noire	<i>Wilsonia pusilla</i>	X				
Wilson's snipe	Bécassine de Wilson	<i>Gallinago delicata</i>			X	X	

Species			Spring-Fall 1983-2002 <sup>1</sup>	Summer 2003 <sup>2</sup>	Spring 2005 <sup>3</sup>		Summer 2006 <sup>4</sup>
Common English Name	Common French Name	Scientific Name			Wetland	Transitional Forest	
Woodpecker	Pic	n/a		X			
Yellow warbler	Paruline jaune	<i>Dendroica petechia</i>	X		X	X	
Yellow-bellied flycatcher	Moucherolle à ventre jaune	<i>Empidonax flaviventris</i>			X	X	

Source : <sup>1</sup> Brown (June 2005); <sup>2</sup> Girard (November 2003); <sup>3</sup> Global Environment/Golder Associates (November 2005); <sup>4</sup> Minuaskuat Limited Partnership (January 2008)

Table II-2: Species of Birds Observed in DSO2, DSO3 and DSO4, 2008

Code	French Name	English Name	Latin Name
<b>Raptors</b>			
BAPE	Balibuzard pêcheur	Osprey	<i>Pandion haliaetus</i>
BUPA	Buse pattue	Rough-legged Hawk	<i>Buteo lagopus</i>
<b>Aquatic Birds</b>			
SPAN	Anatidés sp. (canard ou oie)	Anatid (Duck or Swan)	
BECA	Bernache du Canada	Canada Goose	<i>Branta canadensis</i>
SAHI	Sarcelle d'hiver	Green-winged Teal	<i>Anas crecca</i>
SPFU	Fuligule sp.	American Wigeon	<i>Aythya sp.</i>
FUCO	Fuligule à collier	Ring-necked Duck	<i>Aythya collaris</i>
PEFU	Petit fuligule	Lesser Scaup	<i>Aythya affinis</i>
MABR	Macreuse brune	White-winged Scoter	<i>Melanitta fusca</i>
SPGA	Garrot sp.	Common Goldeneye	<i>Bucephala sp.</i>
GAOO	Garrot à oeil d'or	Common Goldeneye	<i>Bucephala clangula</i>
PLSE	Pluvier semipalmé	Semipalmated Plover	<i>Charadrius semipalmatus</i>
SPCH	Chevalier sp.	Plover	<i>Tringa sp.</i>
CHGR	Chevalier grivelé	Spotted Sandpiper	<i>Actitis macularius</i>
CHSO	Chevalier solitaire	Solitary Sandpiper	<i>Tringa solitaria</i>
SPGR	Goéland sp.	Gull	<i>Larus sp.</i>
GOAR	Goéland argenté	Herring Gull	<i>Larus argentatus</i>
STAR	Sterne arctique	Arctic Tern	<i>Sterna paradisaea</i>
<b>Landbirds</b>			
TECA	Tétras du Canada	Spruce Grouse	<i>Falcapennis canadensis</i>
LASA	Lagopède des saules	Ruffed Grouse	<i>Lagopus lagopus</i>
PICH	Pic chevelu	Hairy Woodpecker	<i>Picoides villosus</i>
MOVJ	Moucherolle à ventre jaune	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>
ALHC	Alouette hausse-col	Horned Lark	<i>Eremophila alpestris</i>
HIBI	Hirondelle bicolore	Tree Swallow	<i>Tachycineta bicolor</i>
MECA	Mésangeai du Canada	Gray Jay	<i>Perisoreus canadensis</i>
COAM	Cornueille d'Amérique	American Crow	<i>Corvus brachyrhynchos</i>
GRCO	Grand corbeau	Common Raven	<i>Corvus corax</i>
METB	Mésange à tête brune	Boreal Chickadee	<i>Poecile hudsonica</i>
ROCD	Roitelet à couronne dorée	Golden-crowned Kinglet	<i>Regulus satrapa</i>
ROCR	Roitelet à couronne rubis	Ruby-crowned Kinglet	<i>Regulus calendula</i>
GRJG	Grive à joues grises	Gray-cheeked Thrush	<i>Catharus minimus</i>
GRSO	Grive solitaire	Hermit Thrush	<i>Catharus guttatus</i>
MEAM	Merle d'Amérique	American Robin	<i>Turdus migratorius</i>
PIAM	Pipit d'Amérique	American Pipit	<i>Anthus rubescens</i>
PAJA	Paruline jaune	Yellow Warbler	<i>Dendroica petechia</i>
PACJ	Paruline à croupion jaune	Yellow-rumped Warbler	<i>Dendroica coronata</i>
PARA	Paruline rayée	Blackpoll Warbler	<i>Dendroica striata</i>
PARU	Paruline des ruisseaux	Northern Waterthrush	<i>Seiurus noveboracensis</i>
BRHU	Bruant hudsonien	American Tree Sparrow	<i>Spizella arborea</i>
BRPR	Bruant des prés	Savannah Sparrow	<i>Passerculus sandwichensis</i>
BRFV	Bruant fauve	Fox Sparrow	<i>Passerella iliaca</i>
BRGB	Bruant à gorge blanche	White-throated Sparrow	<i>Zonotrichia albicollis</i>
BRCB	Bruant à couronne blanche	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
JUAR	Junco ardoisé	Dark-eyed Junco	<i>Junco hyemalis</i>
QURO	Quiscale rouilleux	Rusty Blackbird	<i>Euphagus carolinus</i>
DUSA	Durbec des sapins	Pine Grosbeak	<i>Pinicola enucleator</i>
BCBI	Bec-croisé bifascié	White-winged Crossbill	<i>Loxia leucoptera</i>
SIFL	Sizerin flammé	Common Redpoll	<i>Carduelis flammæa</i>

Source : Groupe Hémisphères (October 2008)

**Table II-3: Species of Birds Observed by Matimekush-Lac John Innu and not Identified during Field Surveys**

<b>Innu Aimun Name</b>	<b>Common English Name</b>	<b>Common French Name</b>	<b>Scientific Name</b>
<i>Nutshipaushtiku-eshish</i>	Harlekin duck	Arlequin plongeur	<i>Histrionicus histrionicus</i>
<i>Uapishk</i>	Snow goose	Oie des neiges	<i>Anser caerulescens</i>
<i>Apishtiss</i>	Brant goose	Bernache cravant	<i>Branta bernicla</i>
<i>Umumuk<sup>u</sup></i>	Velvet scoter	Macreuse à ailes blanches	<i>Melanitta fusca</i>
<i>Kuishkushipatam<sup>u</sup>, papukutshat</i>	Surf scoter	Macreuse à front blanc	<i>Melanitta perspicillata</i>
<i>Ashu-muak<sup>u</sup></i>	Red-throated loon	Plongeon catamarin	<i>Gavia stellata</i>
<i>Uitui-muakush</i>	Diver	Plongeon	<i>Gavia</i> sp.
<i>Mamatau-mishikushk<sup>u</sup></i>	Barrow's goldeneye	Garrot d'Islande	<i>Bucephala islandica</i>
<i>Kaktshiship</i>	Double-crested cormorant	Cormoran à aigrettes	<i>Phalacrocorax auritus</i>
<i>Auiu</i>	Long-tailed duck	Canard kakawi	<i>Clangula hyemalis</i>
<i>Tshiashkueshish</i>	Iceland gull	Goéland arctique	<i>Larus glaucoides</i>
<i>Mishi-tshiashk</i>	Great black-backed gull	Goéland à manteau noir	<i>Larus marinus</i>
<i>Kamushkuashit</i>	Snipe	Bécassine gén.	s/o
<i>Shesheshu</i>	Shorebird	Chevalier gén.	s/o
<i>Pupun-pineshish</i>	Snow bunting	Bruant des neiges	<i>Plectrophenax nivalis</i>
<i>Kashkanatshish</i>	Rock ptarmigan	Lagopède alpin	<i>Lagopus mutus</i>
<i>Pashpashtshu</i>	Ruffed grouse	Gélinotte huppée	<i>Bonasa umbellus</i>
<i>Nutshineueshu</i>	Goshawk	Autour des palombes	<i>Accipiter gentilis</i>
<i>Pipitshish</i>	(maybe Pigeon hawk (merlin))	(peut-être le faucon émerillon)	(peut-être <i>Falco columbarius</i> )
<i>Uhu</i>	Great horned owl	Grand duc d'Amérique	<i>Bubo virginianus</i>
<i>Uapakanui, uap-uhu</i>	Snowy owl	Harfang des neiges	<i>Nyctea scandiaca</i>
<i>Papanashtshish</i>	(maybe Tengmalm owl)	(peut-être Nyctale de Tengmalm)	(peut-être <i>Aegolius funereus</i> )
<i>Mushuau-pinesish</i>	Tundra bird (gen.)	Oiseau de la toundra	s/o

Source : Clément (Mai 2009)

## **Appendix III**

### **Species at Risk or Likely to be Designated**



## Plants

During the Terrestrial Ecosystems Mapping surveys of 2008 and 2009, no flora species at risk was observed (Groupe Hémisphères March 2009 and 27 août 2009a).

Following an analysis of provincial and federal lists of species at risk, four species likely to be designated may occur in the vicinity of Project 2b.

**Table III-1: Plant species that is likely to be designated at risk in the vicinity of Project 2b**

Common English Name	Common French Name	Scientific Name	SARA Status	COSEWIC Status	Status in Québec	Status in Labrador
Large-leaved avens	Benoîte à folioles incisées	<i>Geum macrophyllum</i> var. <i>perincisum</i>	---	---	Likely to be designated	---
Chamisso arnica	Arnica de chamisso	<i>Arnica chamissonis</i>	---	---	Likely to be designated	---
Norwegian arctic cudweed	Gnaphale de Norvège	<i>Omalotheca norvegica</i>	---	---	Likely to be designated	---
Northern hollyfern	Polystic faux-lonchitis	<i>Polystichum lonchitis</i>	---	---	Likely to be designated	---

Source : Groupe Hémisphères (Décembre 2009)

Large-leaved avens (*Geum macrophyllum* var. *perincisum*) was harvested in the Schefferville area (formerly Knob Lake) and at Burnt Creek in 1963 and in the vicinity of Schefferville in 1999 (Blondeau 2000). The harvest cited by Rousseau (1974) and classified as *macrophyllum* corresponds, after review, to the variety *perincisum* (Blondeau 2000). According to Blondeau (2000), Burnt Creek is the oriental limit of the range of the variety *perincisum* in North America.

A colony of Chamisso arnica (*Arnica chamissonis*) was recently observed northeast of Schefferville in an area where old houses have been demolished (Groupe Hémisphères Décembre 2009).

The Norwegian arctic cudweed (*Omalotheca norvegica*) was observed more than 25 years ago in the vicinity of Schefferville, on the shore of a creek (Groupe Hémisphères Décembre 2009).

A population of Northern hollyfern (*Polystichum lonchitis*) was observed on the northeast side of mont Geren (Groupe Hémisphères Décembre 2009).

## Herpetofauna, Micromammals and Chiroptera

One species of micro-mammal likely to be designated by the GoQ as threatened or vulnerable uses the area (Table III-2).

**Table III-2: Species of Herpetofauna, Micromammals and Chiroptera with Status or Likely to be Designated**

Common English Name	Common French Name	Scientific Name	SARA Status	COSEWIC Status	Status in Québec	Status in Labrador
Rock vole <sup>1</sup>	Campagnol des rochers	<i>Microtus chrotorrhinus</i>	---	---	Likely to be designated	---

<sup>1</sup> There are no endangered species of small mammals in Labrador, but the GNL asked to be informed of any occurrences of Rock vole (*Microtus chrotorrhinus*) (Rodrigues June 27, 2006).

Although the northern limit of the occurrence of the Rock vole (*Microtus chrotorrhinus*) that was established by the GoQ lies south of Schefferville, a map produced by it shows that an individual of that species has been observed approximately 200 km north of Schefferville (Morin 2008, *personal communication*). During their 2006 survey, Brunet *et al.* (Juin 2008) documented the presence of Rock vole in the Howells River basin.

### Insects

One species of insect that is likely to be designated by the GoQ may be present (Table III-4).

**Table III-4: Insect Species Likely to be Designated**

Common Name	Scientific Name	SARA Status	COSEWIC Status	Status in Québec	Status in Labrador
n/a	<i>Trechus crassiscapus</i>	---	---	Likely to be designated	---

Source : Skinner (2007, *personal communication*)

### Avifauna

Based on official government sources, on expert opinions, on field surveys and on traditional knowledge, the avian species with status or likely to be designated presented in Table III-4 occur or may occur in the area (GNL no date; Environment Canada no date, Internet site; MRNF October 2009, Internet site; COSEPAC 4 novembre 2009, Internet site; Global Environnement/Golder Associates November 2005; Brown June 2005; Clément Mai 2009; Groupe Hémisphères October 2009).

**Table III-4: Bird Species with Status or Likely to be Designated**

Common English Name	Common French Name	Scientific Name	Sara Status	COSEWIC Status	Status in Québec	Status in Labrador
Anatum peregrine falcon	Faucon pèlerin (anatum)	<i>Falco peregrinus anatum</i>	---	Special concern	Vulnerable	Threatened
Bald eagle <sup>1</sup>	Pygargue à tête blanche <sup>1</sup>	<i>Haliaeetus leucocephalus</i>	---	---	Vulnerable	---
Golden eagle <sup>1</sup>	Aigle royal <sup>1</sup>	<i>Aquila chrysaetos</i>	---	---	Vulnerable	---
Harlequin duck <sup>1</sup>	Arlequin plongeur <sup>1</sup>	<i>Histrionicus histrionicus</i>	Special concern	Special concern	Vulnerable	Vulnerable
Barrow's goldeneye <sup>1</sup>	Garrot d'Islande	<i>Bucephala islandica</i>	Special concern	Special concern	Vulnerable	Vulnerable
Olive-sided flycatcher	Moucherolle à côtés olive	<i>Contopus cooperi</i>	---	Threatened	---	---
Rusty blackbird <sup>1</sup>	Quiscale rouilleux <sup>1</sup>	<i>Euphagus carolinus</i>	Special concern	Special concern	---	---
Short-eared owl	Hibou des marais	<i>Asio flammeus</i>	Special concern	Special concern	Likely to be designated	Vulnerable
Tundra peregrine falcon	Faucon pèlerin (tundrius)	<i>Falco peregrinus tundrius</i>	---	Special concern	---	Threatened

<sup>1</sup> known to occur

Global Environnement/Golder Associates (November 2005) state that they did not record the presence of Golden eagle in the Howells River valley and that few sightings of it in the Schefferville region are recorded in the literature, but that several distribution maps include the Schefferville region within its range. Their opinion is confirmed by Brown's (June 2005) sighting of a Golden eagle in the Howells River valley in 1991. A map produced by MRNF shows the presence of Golden eagles some 100 km northeast and northwest of DSO2 and DSO3 (Morin 2008, *personal communication*).

Innu informants have also observed the Golden eagle along the Howells River, south of Kivivic Lake and at Stakit Lake (Clément Mai 2009). Although Brown (June 2005) states that no nesting area is known along the Howells River and in its catchment, nests have been observed by some Innu at lac John and 150 metres northeast of Stakit Lake (Clément Mai 2009).

A review of the literature revealed records of the Tundra peregrine falcon, in the Schefferville region. However a survey conducted in 2001 revealed that a decline of

almost 80% in the population in north eastern Québec-Labrador had occurred in the past three years, and this species may not therefore be present in the Schefferville area for long (Golder Associates and Global Environnement November 2005).

Three Innu informants have observed the Harlequin duck in the vicinity of DSO2 and DSO3 (Clément Mai 2009).

One Innu informant has observed a Barrow's goldeneye in the vicinity of DSO2 and DSO3 in 1995 (Clément Mai 2009).

Rusty blackbirds (*Euphagus carolinus*) were sighted in a swamp bordering Lone Lake (Girard November 2003). A Rusty blackbird was observed on 18 July, 2008, near Inukshuk Lake (DSO3) during a fisheries survey (Groupe Hémisphères October 2008). One male, one female and one juvenile were observed near lac Big Star during a fisheries survey in 2009, which confirms that the species nests in the area (Groupe Hémisphères Octobre 2009). A rusty blackbird was also recorded near Goodwood in 2009 (Groupe Hémisphères Octobre 2009).

### Big and Small Game

Three species of big and small game with official status may be present.

**Tableau III-5: Mammal Species at Risk and Likely to be Designated**

Common English Name	Common French Name	Scientific Name	Sara Status	COSEWIC Status	Status in Québec	Status in Labrador
Wolverine (Eastern population)	Carcajou (Population de l'Est)	<i>Gulo gulo</i>	Endangered	Endangered	Threatened	Endangered
Woodland caribou	Caribou forestier	<i>Rangifer tarandus</i>	Threatened	Threatened	Vulnerable	Threatened
Least weasel	Belette pygmée	<i>Mustela nivalis</i>	---	---	Likely to be designated	---

In the past, wolverines were common throughout Labrador and Québec, particularly up until the late 1800s. Currently, the exact population size and demographic trends are unknown in the region, though they are believed to be "extremely rare" (Minaskuat Limited Partnership January 2008). The last confirmed record of a wolverine in the region (Muskrat Falls in Central Labrador) was in 1955 (Knox 1994). Since that time, there have been approximately 40 or more potential sightings, with two plausible sightings reported in Central Labrador during late winter of 2006 (Minaskuat Limited Partnership January 2008).

One Naskapi reported sighting a wolverine, and several indicated observations of wolverine tracks in the Howells River valley (Weiler November 2006).

A survey of the Howells River valley by Envirotel in 2006 using posts baited with

pheromones designed to attract wolverines and cougars (*Felis concolor*) revealed traces of neither species (Brunet *et al.* Juin 2008). Aerial transects of the Howells River valley by Minaskuat Limited Partnership (January 2008) in March 2006 revealed no traces of wolverines.

We consider it highly unlikely, therefore that wolverines are present in the study area on anything other than a very occasional basis.

## **Fish**

A literature review based on official government sources revealed no fish species that are listed as being at risk or likely to be designated and whose range overlaps the location of Project 2b (GNL no date; Environment Canada no date, Internet site; MRNF October 2009, Internet site; COSEPAC 4 novembre 2009, Internet site).