

# CANADIAN WILDLIFE SPECIES AT RISK

May 2013



Aussi disponible en français

**COSEWIC**  
Committee on the Status  
of Endangered Wildlife  
in Canada



**COSEPAC**  
Comité sur la situation  
des espèces en péril  
au Canada

For information, please contact:

COSEWIC Secretariat  
Canadian Wildlife Service  
Environment Canada  
351 St. Joseph Blvd, 14th floor  
Gatineau, QC K1A 0H3

Tel.: (819) 953-3215  
Fax: (819) 994-3684  
E-mail: COSEWIC/COSEPAC@ec.gc.ca

Web site: <http://www.cosewic.gc.ca>

Courier address:  
14th Floor,  
Place Vincent Massey,  
351 St. Joseph Blvd.,  
Gatineau, QC.  
J8Y 3Z5

This publication is updated annually and includes minor revisions to COSEWIC information that occur throughout the year.

This publication can be cited as follows: COSEWIC. 2013. Canadian Wildlife Species at Risk. Committee on the Status of Endangered Wildlife in Canada. Web site:  
[http://www.cosewic.gc.ca/eng/sct0/rpt/rpt\\_csar\\_e.cfm](http://www.cosewic.gc.ca/eng/sct0/rpt/rpt_csar_e.cfm) [accessed 13 November 2013]

COSEWIC Status Reports are available from the *Species at Risk Act* (SARA) Public Registry  
<http://www.sararegistry.gc.ca>

# TABLE OF CONTENTS

ABOUT COSEWIC .....	1
COSEWIC MANDATE.....	1
COSEWIC MEMBERSHIP .....	1
DEFINITIONS.....	1
SUMMARY TABLES .....	2
Wildlife species designated in the "risk" and the Extinct categories, as well as the Not at Risk and Data Deficient categories .....	2
Table 1a. Summary of COSEWIC's assessment results for the "risk" categories (Extirpated, Endangered, Threatened and Special Concern) (676 wildlife species) and for the Extinct category (15 wildlife species). The results are up to and including the May 2013 meeting. ....	2
Table 1b. Summary of COSEWIC's assessment results for the "risk" categories (Extirpated, Endangered, Threatened and Special Concern) (668 wildlife species) and for the Extinct category (15 wildlife species). The results are up to and including the November 2012 meeting. ....	2
Table 2a. Summary of COSEWIC's assessment results for the Not at Risk category. The results are up to and including the May 2013 meeting. ....	3
Table 3a. Summary of COSEWIC's assessment results for the Data Deficient category. The results are up to and including the May 2013 meeting. ....	3
Table 2b. Summary of COSEWIC's assessment results for the Not at Risk category. The results are up to and including the November 2012 meeting. ....	3
Table 3b. Summary of COSEWIC's assessment results for the Data Deficient category. The results are up to and including the November 2012 meeting. ....	3
Results from the May 2013 and November 2012 COSEWIC meetings (Tables 4-5) .....	4
Table 4a. May 2013 results by category and taxon. ....	4
Table 4b. November 2012 results by category and taxon. ....	4
Table 5a. May 2013 results by category and type of change. ....	5
Table 5b. November 2012 results by category and type of change. ....	5
Explanation of wildlife species status terminology and symbols .....	5
COSEWIC ASSESSMENT RESULTS.....	6
Information used for assessment .....	6
Range of Occurrence.....	6
About the Legal Listing of Wildlife Species Assessed by COSEWIC .....	7
Table 6. Wildlife species assessed and designated Extinct, with range of occurrence (by province, territory or ocean) and date of last assessment. The historical range of occurrence and the approximate date of disappearance are shown (15 wildlife species). ....	8
Table 7. Wildlife species assessed and designated in a "risk category" (Extirpated, Endangered, Threatened or Special Concern) (676 wildlife species), with range of occurrence (by province, territory or ocean), and date of assessment. For Extirpated wildlife species, the historical range of occurrence and the approximate date of disappearance from Canada are shown. ....	10
Table 8. Wildlife species assessed by COSEWIC and found to be in the Not at Risk category, with range of occurrence (by province, territory or ocean) and date of last assessment (172 wildlife species). Note that wildlife species in the Not at Risk category will normally only be reassessed if new information suggests that the wildlife species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct. ....	44
Table 9. Wildlife species considered by COSEWIC and placed in the Data Deficient category because of insufficient scientific information at the time of assessment. The range of occurrence (by province, territory or ocean) and date of last assessment are shown. Note that wildlife species in the Data Deficient category will normally only be reassessed if new information suggests that the wildlife species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct (56 wildlife species).....	53
RECORD OF REVIEWS OF CLASSIFICATION .....	57
NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS.....	94

# ABOUT COSEWIC

## COSEWIC MANDATE

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assesses the national status of wild species, subspecies, varieties, or other designatable units that are considered to be at risk in Canada. Designations are made on native wildlife species including the following taxonomic groups: mammals, birds, reptiles, amphibians, fishes, arthropods, molluscs, vascular plants, mosses, and lichens.

## COSEWIC MEMBERSHIP

COSEWIC comprises members from each provincial and territorial government wildlife agency, four federal agencies (Canadian Wildlife Service, Parks Canada Agency, Department of Fisheries and Oceans, and the Canadian Museum of Nature), three non-government science members and the co-chairs of the species specialist and the Aboriginal Traditional Knowledge subcommittees.

## DEFINITIONS

The following definitions are used by COSEWIC:

Wildlife Species	A species, subspecies, variety, or geographically or genetically distinct population of animal, plant or other organism, other than a bacterium or virus, that is wild by nature and it is either native to Canada or has extended its range into Canada without human intervention and has been present in Canada for at least 50 years.
Extinct (X)	A wildlife species that no longer exists.
Extirpated (XT)	A wildlife species no longer existing in the wild in Canada, but occurring elsewhere.
Endangered (E)	A wildlife species facing imminent extirpation or extinction.
Threatened (T)	A wildlife species likely to become endangered if limiting factors are not reversed.
Special Concern (SC)	* A wildlife species that may become a threatened or an endangered wildlife species because of a combination of biological characteristics and identified threats.
Not at Risk (NAR) **	A wildlife species that has been evaluated and found to be not at risk of extinction given the current circumstances.
Data Deficient (DD) ***	A category that applies when the available information is insufficient (a) to resolve a wildlife species' eligibility for assessment or (b) to permit an assessment of the wildlife species' risk of extinction.

\* Formerly described as "Vulnerable" from 1990 to 1999, or "Rare" prior to 1990.

\*\* Formerly described as "Not In Any Category", or "No Designation Required."

\*\*\* Formerly described as "Indeterminate" from 1994 to 1999 or "ISIBD" (insufficient scientific information on which to base a designation) prior to 1994.

## SUMMARY TABLES

Wildlife species designated in the "risk" and the Extinct categories, as well as the Not at Risk and Data Deficient categories

Table 1a. Summary of COSEWIC's assessment results for the "risk" categories (Extirpated, Endangered, Threatened and Special Concern) (676 wildlife species) and for the Extinct category (15 wildlife species). The results are up to and including the May 2013 meeting.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Mammals	3	2	24	17	30	76
Birds	3	2	29	29	21	84
Reptiles	0	4	19	10	10	43
Amphibians	0	2	10	5	8	25
Fishes	7	2	53	40	53	155
Arthropods	0	4	34	7	8	53
Molluscs	1	2	19	4	8	34
Vascular Plants	0	3	97	46	44	190
Mosses	1	1	8	3	4	17
Lichens	0	0	5	3	6	14
Totals	15	22	298	164	192	691

Table 1b. Summary of COSEWIC's assessment results for the "risk" categories (Extirpated, Endangered, Threatened and Special Concern) (668 wildlife species) and for the Extinct category (15 wildlife species). The results are up to and including the November 2012 meeting.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Mammals	3	2	24	17	30	76
Birds	3	2	29	28	21	83
Reptiles	0	4	19	10	10	43
Amphibians	0	2	10	5	8	25
Fishes	7	2	54	40	52	155
Arthropods	0	4	34	6	8	52
Molluscs	1	2	18	3	7	31
Vascular Plants	0	3	96	44	44	187
Mosses	1	1	8	3	4	17
Lichens	0	0	5	3	6	14
Totals	15	22	297	159	190	683

Table 2a. Summary of COSEWIC's assessment results for the Not at Risk category. The results are up to and including the May 2013 meeting.

TAXON	NOT AT RISK
Mammals	44
Birds	36
Reptiles	5
Amphibians	14
Fishes	48
Arthropods	0
Molluscs	2
Vascular Plants	21
Mosses	1
Lichens	1
Totals	172

Table 3a. Summary of COSEWIC's assessment results for the Data Deficient category. The results are up to and including the May 2013 meeting.

TAXON	DATA DEFICIENT
Mammals	8
Birds	2
Reptiles	2
Amphibians	0
Fishes	28
Arthropods	3
Molluscs	5
Vascular Plants	4
Mosses	1
Lichens	3
Totals	56

Table 2b. Summary of COSEWIC's assessment results for the Not at Risk category. The results are up to and including the November 2012 meeting.

TAXON	NOT AT RISK
Mammals	44
Birds	36
Reptiles	5
Amphibians	14
Fishes	48
Arthropods	0
Molluscs	2
Vascular Plants	21
Mosses	1
Lichens	1
Totals	172

Table 3b. Summary of COSEWIC's assessment results for the Data Deficient category. The results are up to and including the November 2012 meeting.

TAXON	DATA DEFICIENT
Mammals	8
Birds	2
Reptiles	2
Amphibians	0
Fishes	28
Arthropods	3
Molluscs	5
Vascular Plants	4
Mosses	1
Lichens	3
Totals	56

## Results from the May 2013 and November 2012 COSEWIC meetings (Tables 4-5)

Table 4a. May 2013 results by category and taxon.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Mammals	0	0	1	0	0	0	0	1
Birds	0	0	1	2	0	0	0	3
Reptiles	0	0	0	1	0	0	0	1
Amphibians	0	0	0	0	0	0	0	0
Fishes	0	0	0	1	2	0	0	3
Arthropods	0	0	3	2	0	0	0	5
Molluscs	0	1	4	1	2	0	0	8
Vascular Plants	0	0	2	3	0	0	0	5
Mosses	0	0	0	0	0	0	0	0
Lichens	0	0	0	0	0	0	0	0
Totals	0	1	11	10	4	0	0	26

Table 4b. November 2012 results by category and taxon.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Mammals	0	0	3	0	1	0	0	4
Birds	0	0	0	1	1	0	0	2
Reptiles	0	0	1	2	3	0	0	6
Amphibians	0	1	1	0	3	0	0	5
Fishes	0	0	6	5	4	1	1	17
Arthropods	0	0	3	1	2	0	2	8
Molluscs	0	0	0	0	0	0	1	1
Vascular Plants	0	0	3	0	1	0	0	4
Mosses	0	0	0	0	0	0	0	0
Lichens	0	0	0	0	0	0	0	0
Totals	0	1	17	9	15	1	4	47

Table 5a. May 2013 results by category and type of change.

TYPE OF CHANGE	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New	0	0	2	5	1	0	0	8
In a higher risk category ↑	0	0	0	0	0	0	0	0
In a lower risk category ↓	0	0	0	1	1	0	0	2
Changed ☀	0	0	0	0	0	0	0	0
No Change ↔	0	1	9	4	2	0	0	16
Reassigned ↻	0	0	0	0	0	0	0	0
No longer at risk ✓	0	0	0	0	0	0	0	0
Totals	0	1	11	10	4	0	0	26

Table 5b. November 2012 results by category and type of change.

TYPE OF CHANGE	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New	0	0	3	3	5	1	3	15
In a higher risk category ↑	0	0	4	0	1	0	0	5
In a lower risk category ↓	0	0	1	1	3	0	0	5
Changed ☀	0	0	0	0	0	0	1	1
No Change ↔	0	0	2	3	3	0	0	8
Reassigned ↻	0	1	7	2	3	0	0	13
No longer at risk ✓	0	0	0	0	0	0	0	0
Totals	0	1	17	9	15	1	4	47

## Explanation of wildlife species status terminology and symbols

↑ Wildlife species placed in a higher risk category after review of classification on the date shown.

↓ Wildlife species placed in a lower risk category after review of classification on the date shown.

↔ Wildlife species stays in the same category after review of classification on the date shown.

☀ Wildlife species moved to the Data Deficient category from a risk category, or to a risk category from the Data Deficient category on the date shown.

↻ Wildlife species that has been assigned to a different designatable unit than previously on the date shown.

✓ Wildlife species moved to the Not at Risk category from a risk category on the date shown.

(no symbol) New wildlife species examined on the date shown.



## COSEWIC ASSESSMENT RESULTS

The tables that follow (tables 6-9) are organized by status category and then by taxonomic group. For each wildlife species, the information provided includes the common name, scientific name, population name, and range of occurrence in Canada (by province, territory or ocean). The most recent date of COSEWIC assessment is shown. The symbols on the left provide information on the outcome of reviews of classification (see explanation of symbols on page three).

The first COSEWIC "Endangered Wildlife Species List" was issued in 1978. In 1990, it was decided that all wildlife species considered by COSEWIC should be included in this document even if the wildlife species were in the Not at Risk or Data Deficient categories. Therefore, this document is divided into four sections. The first section (Table 6) includes wildlife species assessed and designated as Extinct. The second section (Table 7) includes wildlife species assessed and designated as Extirpated, Endangered, Threatened or Special Concern. The third section (Table 8) includes wildlife species assessed and found to be in the Not at Risk category. The fourth section (Table 9) includes wildlife species considered by COSEWIC and placed in the Data Deficient category because of insufficient scientific information to resolve a wildlife species' eligibility for assessment or to assess risk of extinction.

### Information used for assessment

COSEWIC uses the best available information when assessing the status of a wildlife species, usually summarized in a COSEWIC status report. Assessments involve consideration of several factors, including the wildlife species' eligibility for assessment and the status suggested by application of the quantitative COSEWIC criteria (adapted from those used by the International Union for the Conservation of Nature, IUCN). Further information on status reports and the assessment process may be found on the COSEWIC website: [www.cosewic.gc.ca](http://www.cosewic.gc.ca).

### Range of Occurrence

The geographical distribution of each wildlife species is defined in terms of the provinces, territories and oceans in which the wildlife species occurs. This information should not be treated as a complete listing of the jurisdictions that may be legally responsible for the conservation and management of a wildlife species. Several guidelines are followed when determining the range of occurrence of a wildlife species: for birds, it includes the Canadian breeding and wintering distribution; for marine species, it includes the oceans in which the species occurs (Arctic, Pacific or Atlantic); for freshwater species, it includes the province or territory in which the waterbody occurs; and, for species that occur in brackish waters, move between marine and freshwater environments, or move between oceans and land (e.g., Atlantic Walrus), range of occurrence includes a list of both the oceans and provinces in which the wildlife species occurs.

Abbreviations for provinces and territories:

AB	Alberta	NS	Nova Scotia	QC	Québec
BC	British Columbia	NT	Northwest Territories	SK	Saskatchewan
MB	Manitoba	NU	Nunavut	YT	Yukon Territory
NB	New Brunswick	ON	Ontario		
NL	Newfoundland and Labrador	PE	Prince Edward Island		

## About the Legal Listing of Wildlife Species Assessed by COSEWIC

COSEWIC meets twice a year to assess the status of wildlife species. Since 2004, COSEWIC submits its annual report to the federal Minister of the Environment. The annual report includes all assessment results for wildlife species that COSEWIC has assessed since its last report.

Wildlife species assessed by COSEWIC as Extirpated, Endangered, Threatened or Special Concern will be considered for legal protection and recovery (or management) under the SARA. Based in part on COSEWIC's status assessment, the government may decide to add a wildlife species to SARA's List of Wildlife Species at Risk, to not add a wildlife species to the List of Wildlife Species at Risk, or to refer the matter back to COSEWIC for further information or consideration.

More information on the SARA listing process may be found on the SARA Public Registry ([www.sararegistry.gc.ca](http://www.sararegistry.gc.ca)).

Table 6. Wildlife species assessed and designated Extinct, with range of occurrence (by province, territory or ocean) and date of last assessment. The historical range of occurrence and the approximate date of disappearance are shown (15 wildlife species).

EXTINCT CATEGORY (15)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extinction Date	Assessment Date
<b>Mammals (3)</b>						
↻	Bear, Grizzly	<i>Ursus arctos</i>	Ungava population	QC NL		May 2012
↔	Caribou <i>dawsoni</i> subspecies	<i>Rangifer tarandus dawsoni</i>		BC	1920s	May 2000
↔	Mink, Sea	<i>Mustela macrodon</i>		NB NS Atlantic Ocean	1894	May 2000
<b>Birds (3)</b>						
↔	Auk, Great	<i>Pinguinus impennis</i>		QC NB NS NL	1844	May 2000
↔	Duck, Labrador	<i>Camptorhynchus labradorius</i>		QC NB NS NL	1875	May 2000
↔	Pigeon, Passenger	<i>Ectopistes migratorius</i>		SK MB ON QC NB PE NS	1914	May 2000
<b>Reptiles (0)</b>						
<b>Amphibians (0)</b>						
<b>Fishes (7)</b>						
↔	Cisco, Deepwater	<i>Coregonus johannae</i>		ON	1952	May 2000
↔	Dace, Banff Longnose	<i>Rhinichthys cataractae smithi</i>		AB	1986	May 2000
↻	Kiyi, Lake Ontario	<i>Coregonus kiyi orientalis</i>		ON	1964	May 2005
↑	Salmon, Atlantic	<i>Salmo salar</i>	Lake Ontario population	ON Atlantic Ocean	Last reported in 1898	November 2010
↔	Stickleback, Hadley Lake Benthic Threespine	<i>Gasterosteus aculeatus</i>		BC	1999	May 2000
↔	Stickleback, Hadley Lake Limnetic Threespine	<i>Gasterosteus aculeatus</i>		BC	1999	May 2000
↔	Walleye, Blue	<i>Sander vitreus glaucus</i>		ON	1965	May 2000

EXTINCT CATEGORY (15)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extinction Date	Assessment Date
<b>Arthropods (0)</b>						
<b>Molluscs (1)</b>						
↔	Limpet, Eelgrass	<i>Lottia alveus</i> <i>alveus</i>		Atlantic Ocean	1929	May 2000
<b>Vascular Plants (0)</b>						
<b>Mosses (1)</b>						
	Moss, Macoun's Shining	<i>Neomacounia</i> <i>nitida</i>		ON	not observed since 1864	November 2002
<b>Lichens (0)</b>						

Table 7. Wildlife species assessed and designated in a "risk category" (Extirpated, Endangered, Threatened or Special Concern) (676 wildlife species), with range of occurrence (by province, territory or ocean), and date of assessment. For Extirpated wildlife species, the historical range of occurrence and the approximate date of disappearance from Canada are shown.

#### EXTIRPATED CATEGORY (22)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extirpation Date	Assessment Date
<b>Mammals (2)</b>						
↔	Ferret, Black-footed	<i>Mustela nigripes</i>		AB SK	1974	April 2009
↔	Whale, Grey	<i>Eschrichtius robustus</i>	Atlantic population	Atlantic Ocean	before end of 1800s	November 2009
<b>Birds (2)</b>						
↔	Prairie-Chicken, Greater	<i>Tympanuchus cupido</i>		AB SK MB ON	last reported in 1987 in Saskatchewan	November 2009
↔	Sage-Grouse <i>phaeos</i> subspecies, Greater	<i>Centrocercus urophasianus phaeos</i>		BC	not observed since 1960s	April 2008
<b>Reptiles (4)</b>						
↔	Gophersnake, Pacific	<i>Pituophis catenifer catenifer</i>		BC	not observed since 1957	May 2012
↔	Lizard, Pygmy Short-horned	<i>Phrynosoma douglasii</i>		BC	last reported in 1898, near Osoyoos, BC	April 2007
↔	Rattlesnake, Timber	<i>Crotalus horridus</i>		ON	1941	November 2010
↔	Turtle, Pacific Pond	<i>Actinemys marmorata</i>		BC	not observed since 1959	May 2012
<b>Amphibians (2)</b>						
↻	Salamander, Eastern Tiger	<i>Ambystoma tigrinum</i>	Carolinian population	ON	1915	November 2012
↻	Salamander, Spring	<i>Gyrinophilus porphyriticus</i>	Carolinian population	ON		May 2011
<b>Fishes (2)</b>						
↔	Chub, Gravel	<i>Erimystax x-punctatus</i>		ON	last reported in 1958, Thames River drainage	April 2008
↔	Paddlefish	<i>Polyodon spathula</i>		ON	1917	April 2008

EXTIRPATED CATEGORY (22)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extirpation Date	Assessment Date
<b>Arthropods (4)</b>						
↔	Blue, Karner	<i>Lycaeides melissa samuelis</i>		ON	1991	April 2010
	Burying Beetle, American	<i>Nicrophorus americanus</i>		ON QC		November 2011
↔	Elfin, Frosted	<i>Callophrys irus</i>		ON	1988	April 2010
↔	Marble, Island	<i>Euchloe ausonides insulanus</i>		BC	before 1910	April 2010
<b>Molluscs (2)</b>						
↔	Puget Oregonian	<i>Cryptomastix devia</i>		BC	not observed since 1905	May 2013
↔	Wedgemussel, Dwarf	<i>Alasmodonta heterodon</i>		NB	1968	November 2009
<b>Vascular Plants (3)</b>						
	Lupine, Oregon	<i>Lupinus oreganus</i>		BC	Last recorded in 1929	November 2008
↔	Spring Blue-eyed Mary	<i>Collinsia verna</i>		ON	not observed since 1954	May 2000
↔	Tick-trefoil, Illinois	<i>Desmodium illinoense</i>		ON	not observed since 1888	May 2000
<b>Mosses (1)</b>						
↔	Moss, Incurved Grizzled	<i>Ptychomitrium incurvum</i>		ON	1828	May 2012
<b>Lichens (0)</b>						

# ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
<b>Mammals (24)</b>					
↔	Badger <i>jacksoni</i> subspecies, American	<i>Taxidea taxus jacksoni</i>		ON	November 2012
↻	Badger <i>jeffersonii</i> subspecies, American	<i>Taxidea taxus jeffersonii</i>	Western population	BC	November 2012
↻	Badger <i>jeffersonii</i> subspecies, American	<i>Taxidea taxus jeffersonii</i>	Eastern population	BC	November 2012
	Bat, Tri-colored	<i>Perimyotis subflavus</i>		ON QC NB NS	February 3 2012
↻	Caribou, Peary	<i>Rangifer tarandus pearyi</i>		NT NU	May 2004
↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Atlantic-Gaspésie population	QC	May 2002
↑	Kangaroo Rat, Ord's	<i>Dipodomys ordii</i>		AB SK	April 2006
↔	Marmot, Vancouver Island	<i>Marmota vancouverensis</i>		BC	April 2008
↑	Mole, Townsend's	<i>Scapanus townsendii</i>		BC	May 2003
☀	Mouse <i>dychei</i> subspecies, Western Harvest	<i>Reithrodontomys megalotis dychei</i>		AB	April 2007
	Myotis, Little Brown	<i>Myotis lucifugus</i>		YT NT BC AB SK MB ON QC NB PE NS NL	February 3 2012
	Myotis, Northern	<i>Myotis septentrionalis</i>		YT NT BC AB SK MB ON QC NB PE NS NL	February 3 2012
↑	Seal Lacs des Loups Marins subspecies, Harbour	<i>Phoca vitulina mellonae</i>		QC	November 2007
↑	Shrew, Pacific Water	<i>Sorex bendirii</i>		BC	April 2006
↑	Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern Hudson Bay population	NU QC Arctic Ocean Atlantic Ocean	May 2004
↔	Whale, Beluga	<i>Delphinapterus leucas</i>	Ungava Bay population	QC Arctic Ocean Atlantic Ocean	May 2004
↔	Whale, Blue	<i>Balaenoptera musculus</i>	Atlantic population	Atlantic Ocean	May 2012
↔	Whale, Blue	<i>Balaenoptera musculus</i>	Pacific population	Pacific Ocean	May 2012

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific southern resident population	Pacific Ocean	November 2008
↻	Whale, North Atlantic Right	<i>Eubalaena glacialis</i>		Atlantic Ocean	May 2003
↔	Whale, North Pacific Right	<i>Eubalaena japonica</i>		Pacific Ocean	November 2004
↔	Whale, Northern Bottlenose	<i>Hyperoodon ampullatus</i>	Scotian Shelf population	Atlantic Ocean	May 2011
↔	Whale, Sei	<i>Balaenoptera borealis</i>	Pacific population	Pacific Ocean	May 2013
↔	Wolverine	<i>Gulo gulo</i>	Eastern population	QC NL	May 2003
<b>Birds (29)</b>					
↔	Bobwhite, Northern	<i>Colinus virginianus</i>		ON	May 2013
↔	Chat <i>auricollis</i> subspecies, Yellow- breasted	<i>Icteria virens auricollis</i>	Southern Mountain population	BC	November 2011
↑	Chat <i>virens</i> subspecies, Yellow- breasted	<i>Icteria virens virens</i>		ON	November 2011
↔	Crane, Whooping	<i>Grus americana</i>		NT AB SK MB	April 2010
	Crossbill <i>perca</i> subspecies, Red	<i>Loxia curvirostra perca</i>		NL	May 2004
↔	Curlew, Eskimo	<i>Numenius borealis</i>		YT NT NU AB SK MB ON QC NB PE NS NL	November 2009
↔	Flycatcher, Acadian	<i>Empidonax virescens</i>		ON	April 2010
	Grebe, Horned	<i>Podiceps auritus</i>	Magdalen Islands population	QC	April 2009
↑	Gull, Ivory	<i>Pagophila eburnea</i>		NT NU NL	April 2006
	Knot <i>rufa</i> subspecies, Red	<i>Calidris canutus rufa</i>		NT NU BC AB SK MB ON QC NB PE NS NL	April 2007
	Lark <i>strigata</i> subspecies, Horned	<i>Eremophila alpestris strigata</i>		BC	November 2003
↔	Owl <i>caurina</i> subspecies, Spotted	<i>Strix occidentalis caurina</i>		BC	April 2008
↔	Owl, Barn	<i>Tyto alba</i>	Eastern population	ON	November 2010
↔	Owl, Burrowing	<i>Athene cunicularia</i>		BC AB SK MB	April 2006



ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↻	Plover <i>circumcinctus</i> subspecies, Piping	<i>Charadrius melodus circumcinctus</i>		AB SK MB ON	May 2001
↻	Plover <i>melodus</i> subspecies, Piping	<i>Charadrius melodus melodus</i>		QC NB PE NS NL	May 2001
↔	Plover, Mountain	<i>Charadrius montanus</i>		AB SK	November 2009
↔	Rail, King	<i>Rallus elegans</i>		ON	May 2011
↔	Sage-Grouse <i>urophasianus</i> subspecies, Greater	<i>Centrocercus urophasianus urophasianus</i>		AB SK	April 2008
	Sapsucker, Williamson's	<i>Sphyrapicus thyroideus</i>		BC	May 2005
↔	Shrike <i>migrans</i> subspecies, Loggerhead	<i>Lanius ludovicianus migrans</i>		MB ON QC	November 2000
	Sparrow <i>affinis</i> subspecies, Vesper	<i>Poocetes gramineus affinis</i>		BC	April 2006
↔	Sparrow, Henslow's	<i>Ammodramus henslowii</i>		ON QC	May 2011
↔	Tern, Roseate	<i>Sterna dougallii</i>		QC NB NS	April 2009
↔	Thrasher, Sage	<i>Oreoscoptes montanus</i>		BC AB SK	November 2010
↑	Warbler, Cerulean	<i>Setophaga cerulea</i>		ON QC	November 2010
↔	Warbler, Kirtland's	<i>Setophaga kirtlandii</i>		ON	April 2008
↔	Warbler, Prothonotary	<i>Protonotaria citrea</i>		ON	April 2007
↔	Woodpecker, White- headed	<i>Picoides albolarvatus</i>		BC	November 2010
<b>Reptiles (19)</b>					
↻	Foxsnake, Eastern	<i>Pantherophis gloydi</i>	Carolinian population	ON	April 2008
↻	Foxsnake, Eastern	<i>Pantherophis gloydi</i>	Great Lakes / St. Lawrence population	ON	April 2008
↑	Gartersnake, Butler's	<i>Thamnophis butleri</i>		ON	November 2010
↑	Lizard, Greater Short-horned	<i>Phrynosoma hernandesi</i>		AB SK	April 2007
↻	Massasauga	<i>Sistrurus catenatus</i>	Carolinian population	ON	November 2012
↔	Nightsnake, Desert	<i>Hypsiglena chlorophaea</i>		BC	May 2011

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↑	Queensnake	<i>Regina septemvittata</i>		ON	April 2010
↔	Racer, Blue	<i>Coluber constrictor foxii</i>		ON	May 2012
↻	Ratsnake, Gray	<i>Pantherophis spiloides</i>	Carolinian population	ON	April 2007
↻	Sea Turtle, Leatherback	<i>Dermochelys coriacea</i>	Atlantic population	Atlantic Ocean	May 2012
↻	Sea Turtle, Leatherback	<i>Dermochelys coriacea</i>	Pacific population	Pacific Ocean	May 2012
	Sea Turtle, Loggerhead	<i>Caretta caretta</i>		Atlantic Ocean	April 2010
↻	Skink, Five-lined	<i>Plestiodon fasciatus</i>	Carolinian population	ON	April 2007
↑	Skink, Prairie	<i>Plestiodon septentrionalis</i>		MB	May 2004
↔	Snake, Sharp-tailed	<i>Contia tenuis</i>		BC	November 2009
↑	Turtle, Blanding's	<i>Emydoidea blandingii</i>	Nova Scotia population	NS	May 2005
↑	Turtle, Spotted	<i>Clemmys guttata</i>		ON QC	May 2004
	Turtle, Western Painted	<i>Chrysemys picta bellii</i>	Pacific Coast population	BC	April 2006
↔	Watersnake, Lake Erie	<i>Nerodia sipedon insularum</i>		ON	April 2006
<b>Amphibians (10)</b>					
↔	Frog, Blanchard's Cricket	<i>Acris blanchardi</i>		ON	May 2011
↔	Frog, Northern Leopard	<i>Lithobates pipiens</i>	Rocky Mountain population	BC	April 2009
↔	Frog, Oregon Spotted	<i>Rana pretiosa</i>		BC	May 2011
	Frog, Rocky Mountain Tailed	<i>Ascaphus montanus</i>		BC	May 2000
↻	Salamander, Allegheny Mountain Dusky	<i>Desmognathus ochrophaeus</i>	Carolinian population	ON	April 2007
↑	Salamander, Jefferson	<i>Ambystoma jeffersonianum</i>		ON	November 2010
↻	Salamander, Northern Dusky	<i>Desmognathus fuscus</i>	Carolinian population	ON	May 2012
↑	Salamander, Small-mouthed	<i>Ambystoma texanum</i>		ON	May 2004

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↻	Salamander, Western Tiger	<i>Ambystoma mavortium</i>	Southern Mountain population	BC	November 2012
↑	Toad, Fowler's	<i>Anaxyrus fowleri</i>		ON	April 2010
<b>Fishes (53)</b>					
↑	Bass, Striped	<i>Morone saxatilis</i>	Bay of Fundy population	NB NS Atlantic Ocean	November 2012
↓	Bass, Striped	<i>Morone saxatilis</i>	St. Lawrence River population	QC Atlantic Ocean	November 2012
	Bluefin Tuna, Atlantic	<i>Thunnus thynnus</i>		Atlantic Ocean	May 2011
↻	Chub, Silver	<i>Macrhybopsis storeriana</i>	Great Lakes - Upper St. Lawrence populations	ON	May 2012
↑	Chubsucker, Lake	<i>Erimyzon sucetta</i>		ON	November 2008
↑	Cisco, Shortnose	<i>Coregonus reighardi</i>		ON	May 2005
↑	Cisco, Spring	<i>Coregonus</i> sp.		QC	April 2009
↔	Cod, Atlantic	<i>Gadus morhua</i>	Newfoundland and Labrador population	Atlantic Ocean	April 2010
↑	Cod, Atlantic	<i>Gadus morhua</i>	Laurentian North population	Atlantic Ocean	April 2010
↻	Cod, Atlantic	<i>Gadus morhua</i>	Laurentian South population	Atlantic Ocean	April 2010
↻	Cod, Atlantic	<i>Gadus morhua</i>	Southern population	Atlantic Ocean	April 2010
↑	Cusk	<i>Brosme brosme</i>		Atlantic Ocean	November 2012
↔	Dace, Nooksack	<i>Rhinichthys cataractae</i> ssp.		BC	April 2007
↑	Dace, Redside	<i>Clinostomus elongatus</i>		ON	April 2007
↔	Dace, Speckled	<i>Rhinichthys osculus</i>		BC	April 2006
	Eulachon	<i>Thaleichthys pacificus</i>	Central Pacific Coast population	BC Pacific Ocean	May 2011
	Eulachon	<i>Thaleichthys pacificus</i>	Fraser River population	BC Pacific Ocean	May 2011
	Grenadier, Roundnose	<i>Coryphaenoides rupestris</i>		Arctic Ocean Atlantic Ocean	November 2008
↔	Lamprey, Western Brook	<i>Lampetra richardsoni</i>	Morrison Creek population	BC	April 2010
↔	Madtom, Northern	<i>Noturus stigmosus</i>		ON	May 2012

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↑	Minnow, Western Silvery	<i>Hybognathus argyritis</i>		AB	April 2008
	Porbeagle	<i>Lamna nasus</i>		Atlantic Ocean	May 2004
	Redfish, Deepwater	<i>Sebastes mentella</i>	Gulf of St. Lawrence - Laurentian Channel population	Atlantic Ocean	April 2010
↑	Redhorse, Copper	<i>Moxostoma hubbsi</i>		QC	November 2004
↔	Salmon, Atlantic	<i>Salmo salar</i>	Inner Bay of Fundy population	NB NS Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Anticosti Island population	QC Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Eastern Cape Breton population	NS Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Nova Scotia Southern Upland population	NS Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Outer Bay of Fundy population	NB Atlantic Ocean	November 2010
	Salmon, Coho	<i>Oncorhynchus kisutch</i>	Interior Fraser population	BC Pacific Ocean	May 2002
↔	Salmon, Sockeye	<i>Oncorhynchus nerka</i>	Sakinaw population	BC Pacific Ocean	April 20 2006
↔	Salmon, Sockeye	<i>Oncorhynchus nerka</i>	Cultus population	BC Pacific Ocean	May 2003
	Shark, Basking	<i>Cetorhinus maximus</i>	Pacific population	Pacific Ocean	April 2007
	Shark, White	<i>Carcharodon carcharias</i>	Atlantic population	Atlantic Ocean	April 2006
	Skate, Smooth	<i>Malacoraja senta</i>	Funk Island Deep population	NL Atlantic Ocean	May 2012
	Skate, Winter	<i>Leucoraja ocellata</i>	Southern Gulf of St. Lawrence population	Atlantic Ocean	May 2005
↔	Stickleback, Enos Lake Benthic Threespine	<i>Gasterosteus aculeatus</i>		BC	May 2012
↔	Stickleback, Enos Lake Limnetic Threespine	<i>Gasterosteus aculeatus</i>		BC	May 2012
	Stickleback, Misty Lake Lentic Threespine	<i>Gasterosteus aculeatus</i>		BC	November 2006
	Stickleback, Misty Lake Lotic Threespine	<i>Gasterosteus aculeatus</i>		BC	November 2006

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Stickleback, Paxton Lake Benthic Threespine	<i>Gasterosteus aculeatus</i>		BC	April 2010
↔	Stickleback, Paxton Lake Limnetic Threespine	<i>Gasterosteus aculeatus</i>		BC	April 2010
↔	Stickleback, Vananda Creek Benthic Threespine	<i>Gasterosteus aculeatus</i>		BC	April 2010
↔	Stickleback, Vananda Creek Limnetic Threespine	<i>Gasterosteus aculeatus</i>		BC	April 2010
↻	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Nelson River populations	MB	November 2006
↻	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Saskatchewan River populations	AB SK MB	November 2006
↻	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Red-Assiniboine Rivers - Lake Winnipeg populations	SK MB ON	November 2006
↻	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Winnipeg River - English River populations	MB ON	November 2006
↻	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Western Hudson Bay populations	SK MB	November 2006
↻	Sturgeon, White	<i>Acipenser transmontanus</i>	Upper Kootenay River population	BC	November 2012
↻	Sturgeon, White	<i>Acipenser transmontanus</i>	Upper Fraser River population	BC	November 2012
↻	Sturgeon, White	<i>Acipenser transmontanus</i>	Upper Columbia River population	BC	November 2012
↔	Whitefish, Atlantic	<i>Coregonus huntsmani</i>		NS	November 2010
<b>Arthropods (34)</b>					
↔	Blue, Island	<i>Plebejus saepiolus insulanus</i>		BC	May 2012
	Borer, Aweme	<i>Papaipema aweme</i>		ON	April 2006
	Buckmoth, Bogbean	<i>Hemileuca</i> sp.		ON	November 2009
	Bumble Bee, Rusty- patched	<i>Bombus affinis</i>		ON QC	April 2010
↔	Checkerspot, Taylor's	<i>Euphydryas editha taylori</i>		BC	May 2011
	Clubtail, Laura's	<i>Stylurus laurae</i>		ON	April 2010
	Clubtail, Olive	<i>Stylurus olivaceus</i>		BC	May 2011

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Clubtail, Rapids	<i>Gomphus quadricolor</i>		ON	April 2008
	Clubtail, Riverine	<i>Stylurus amnicola</i>	Great Lakes Plains population	ON	November 2012
	Clubtail, Skillet	<i>Gomphus ventricosus</i>		NB	November 2010
	Crawling Water Beetle, Hungerford's	<i>Brychius hungerfordi</i>		ON	May 2011
	Cuckoo Bee, Macropis	<i>Epeoloides pilosulus</i>		NS	May 2011
	Diving Beetle, Bert's Predaceous	<i>Sanfilippodytes bertae</i>		AB	November 2009
	Duskywing, Eastern Persius	<i>Erynnis persius persius</i>		ON	April 2006
	Duskywing, Mottled	<i>Erynnis martialis</i>	Great Lakes Plains population	ON QC	November 2012
	Duskywing, Mottled	<i>Erynnis martialis</i>	Boreal population	MB	November 2012
	Efferia, Okanagan	<i>Efferia okanagan</i>		BC	November 2011
	Emerald, Hine's	<i>Somatochlora hineana</i>		ON	May 2011
	Flower Moth, White	<i>Schinia bimatris</i>		MB	May 2005
	Gold-edged Gem	<i>Schinia avemensis</i>		AB SK MB	April 2006
↑	Hairstreak, Behr's	<i>Satyrium behrii</i>		BC	May 2012
	Hairstreak, Half- moon	<i>Satyrium semiluna</i>		BC AB	April 2006
	Metalmark, Mormon	<i>Apodemia mormo</i>	Southern Mountain population	BC	May 2003
	Moth, Dusky Dune	<i>Copablepharon longipenne</i>		AB SK MB	November 2007
	Moth, Edwards' Beach	<i>Anarta edwardsii</i>		BC	April 2009
↔	Moth, Five-spotted Bogus Yucca	<i>Prodoxus quinquepunctellus</i>		AB	May 2013
↔	Moth, Non- pollinating Yucca	<i>Tegeticula corruptrix</i>		AB	May 2013
	Moth, Sand-verbena	<i>Copablepharon fuscum</i>		BC	November 2003
↔	Moth, Yucca	<i>Tegeticula yuccasella</i>		AB	May 2013
↔	Ringlet, Maritime	<i>Coenonympha nipsisquit</i>		QC NB	April 2009
	Skipper, Ottoe	<i>Hesperia ottoe</i>		MB	May 2005

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Tiger Beetle, Cobblestone	<i>Cicindela marginipennis</i>		NB	November 2008
	Tiger Beetle, Northern Barrens	<i>Cicindela patruela</i>		ON QC	November 2009
	Tiger Beetle, Wallis' Dark Saltflat	<i>Cicindela parowana wallisi</i>		BC	November 2009
<b>Molluscs (19)</b>					
↑	Abalone, Northern	<i>Haliotis kamtschatkana</i>		Pacific Ocean	April 2009
↔	Bean, Rayed	<i>Villosa fabalis</i>		ON	April 2010
	Fawnsfoot	<i>Truncilla donaciformis</i>		ON	April 2008
↔	Forestsnail, Oregon	<i>Allogona townsendiana</i>		BC	May 2013
	Hickorynut	<i>Obovaria olivaria</i>		ON QC	May 2011
↔	Hickorynut, Round	<i>Obovaria subrotunda</i>		ON	May 2013
↔	Kidneyshell	<i>Ptychobranhus fasciolaris</i>		ON	May 2013
	Lilliput	<i>Toxolasma parvum</i>		ON	May 2013
	Mapleleaf	<i>Quadrula quadrula</i>	Saskatchewan - Nelson population	MB	April 2006
↑	Mussel, Rocky Mountain Ridged	<i>Gonidea angulata</i>		BC	November 2010
↔	Mussel, Salamander	<i>Simpsonaias ambigua</i>		ON	May 2011
↔	Physa, Hotwater	<i>Physella wrighti</i>		BC	April 2008
	Pigtoe, Round	<i>Pleurobema sintoxia</i>		ON	May 2004
	Pondmussel, Eastern	<i>Ligumia nasuta</i>		ON	April 2007
	Rainbow	<i>Villosa iris</i>		ON	April 2006
↔	Riffleshell, Northern	<i>Epioblasma torulosa rangiana</i>		ON	April 2010
↔	Snail, Banff Springs	<i>Physella johnsoni</i>		AB	April 2008
↔	Snuffbox	<i>Epioblasma triquetra</i>		ON	November 2011
	Taildropper, Blue- grey	<i>Prophysaon coeruleum</i>		BC	April 2006
<b>Vascular Plants (97)</b>					
↔	Agalinis, Gattinger's	<i>Agalinis gattingeri</i>		MB ON	May 2001
	Agalinis, Rough	<i>Agalinis aspera</i>		MB	April 2006

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Agalinis, Skinner's	<i>Agalinis skinneriana</i>		ON	November 2010
↔	Ammannia, Scarlet	<i>Ammannia robusta</i>		BC ON	May 2001
	Aster, Short-rayed Alkali	<i>Symphyotrichum frondosum</i>		BC	April 2006
↔	Avens, Eastern Mountain	<i>Geum peckii</i>		NS	April 2010
↔	Balsamroot, Deltoid	<i>Balsamorhiza deltoidea</i>		BC	April 2009
	Birch, Cherry	<i>Betula lenta</i>		ON	April 2006
↔	Bluehearts	<i>Buchnera americana</i>		ON	November 2011
↑	Braya, Fernald's	<i>Braya fernaldii</i>		NL	November 2012
	Braya, Hairy	<i>Braya pilosa</i>		NT	May 2013
↔	Braya, Long's	<i>Braya longii</i>		NL	May 2011
	Bugbane, Tall	<i>Actaea elata</i>		BC	May 2001
↑	Bulrush, Bashful	<i>Trichophorum planifolium</i>		ON	May 2000
↔	Bush-clover, Slender	<i>Lespedeza virginica</i>		ON	May 2013
	Buttercup, California	<i>Ranunculus californicus</i>		BC	November 2008
↔	Buttercup, Water-plantain	<i>Ranunculus alismifolius</i>		BC	April 2009
	Butternut	<i>Juglans cinerea</i>		ON QC NB	November 2003
↔	Cactus, Eastern Prickly Pear	<i>Opuntia humifusa</i>		ON	April 2010
	Campion, Spalding's	<i>Silene spaldingii</i>		BC	May 2005
	Catchfly, Coastal Scouler's	<i>Silene scouleri</i> ssp. <i>grandis</i>		BC	May 2003
	Centaury, Muhlenberg's	<i>Centaurium muehlenbergii</i>		BC	April 2008
↑	Chestnut, American	<i>Castanea dentata</i>		ON	November 2004
	Collomia, Slender	<i>Collomia tenella</i>		BC	November 2003
↑	Columbo, American	<i>Frasera caroliniensis</i>		ON	April 2006
↔	Coreopsis, Pink	<i>Coreopsis rosea</i>		NS	November 2012



ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Dogwood, Eastern Flowering	<i>Cornus florida</i>		ON	April 2007
	Draba, Yukon	<i>Draba yukonensis</i>		YT	November 2011
	Evening-primrose, Contorted-pod	<i>Camissonia contorta</i>		BC	April 2006
↔	Fern, Southern Maidenhair	<i>Adiantum capillus- veneris</i>		BC	May 2011
↑	Fringed-orchid, Eastern Prairie	<i>Platanthera leucophaea</i>		ON	May 2003
↔	Fringed-orchid, Western Prairie	<i>Platanthera praeclara</i>		MB	May 2000
↑	Gentian, Plymouth	<i>Sabatia kennedyana</i>		NS	November 2012
↔	Gentian, White Prairie	<i>Gentiana alba</i>		ON	November 2010
↔	Ginseng, American	<i>Panax quinquefolius</i>		ON QC	May 2000
↔	Goat's-rue, Virginia	<i>Tephrosia virginiana</i>		ON	November 2009
↻	Goldenrod, Showy	<i>Solidago speciosa</i>	Great Lakes Plains population	ON	November 2010
	Goldfields, Rayless	<i>Lasthenia glaberrima</i>		BC	April 2008
	Grass, Forked Three- awned	<i>Aristida basiramea</i>		ON QC	November 2002
↔	Lady's-slipper, Small White	<i>Cypripedium candidum</i>		MB ON	May 2000
↑	Lipocarpha, Small- flowered	<i>Lipocarpha micrantha</i>		BC ON	November 2002
↔	Lotus, Seaside Birds- foot	<i>Lotus formosissimus</i>		BC	November 2010
↔	Lousewort, Furbish's	<i>Pedicularis furbishiae</i>		NB	May 2011
	Lupine, Dense- flowered	<i>Lupinus densiflorus</i>		BC	May 2005
↔	Lupine, Prairie	<i>Lupinus lepidus</i>		BC	April 2009
	Lupine, Streambank	<i>Lupinus rivularis</i>		BC	November 2002
	Mallow, Virginia	<i>Sida hermaphrodita</i>		ON	April 2010
	Manroot, Coast	<i>Marah oregana</i>		BC	November 2009
	Meconella, White	<i>Meconella oregana</i>		BC	May 2005
	Microseris, Coast	<i>Microseris bigelovii</i>		BC	April 2006

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Milkweed, Four-leaved	<i>Asclepias quadrifolia</i>		ON	April 2010
↔	Milkwort, Pink	<i>Polygala incarnata</i>		ON	November 2009
↔	Mountain-mint, Hoary	<i>Pycnanthemum incanum</i>		ON	November 2011
↔	Mulberry, Red	<i>Morus rubra</i>		ON	May 2000
↔	Owl-clover, Bearded	<i>Triphysaria versicolor</i>		BC	November 2011
	Owl-clover, Grand Coulee	<i>Orthocarpus barbatus</i>		BC	May 2005
	Owl-clover, Rosy	<i>Orthocarpus bracteosus</i>		BC	May 2004
	Owl-clover, Victoria's	<i>Castilleja victoriae</i>		BC	April 2010
↔	Paintbrush, Golden	<i>Castilleja levisecta</i>		BC	November 2007
	Phacelia, Branched	<i>Phacelia ramosissima</i>		BC	May 2005
	Pine, Whitebark	<i>Pinus albicaulis</i>		BC AB	April 2010
↔	Plantain, Heart-leaved	<i>Plantago cordata</i>		ON	November 2011
↔	Pogonia, Large Whorled	<i>Isotria verticillata</i>		ON	November 2011
↔	Pogonia, Nodding	<i>Triphora trianthophoros</i>		ON	November 2010
↔	Pogonia, Small Whorled	<i>Isotria medeoloides</i>		ON	May 2011
	Pondweed, Ogden's	<i>Potamogeton ogdenii</i>		ON	April 2007
	Popcornflower, Fragrant	<i>Plagiobothrys figuratus</i>		BC	April 2008
	Pussytoes, Stoloniferous	<i>Antennaria flagellaris</i>		BC	May 2004
↔	Quillwort, Engelmann's	<i>Isoetes engelmannii</i>		ON	May 2001
	Rush, Kellogg's	<i>Juncus kelloggii</i>		BC	May 2003
	Sand-verbena, Pink	<i>Abronia umbellata</i>		BC	May 2004
↑	Sand-verbena, Small-flowered	<i>Tripterocalyx micranthus</i>		AB SK	November 2002
	Sandwort, Dwarf	<i>Minuartia pusilla</i>		BC	May 2004
	Sanicle, Bear's-foot	<i>Sanicula arctopoides</i>		BC	May 2001

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Sedge, False Hop	<i>Carex lupuliformis</i>		ON QC	November 2011
	Sedge, Foothill	<i>Carex tumulicola</i>		BC	April 2008
↔	Sedge, Juniper	<i>Carex juniperorum</i>		ON	May 2000
	Silverpuffs, Lindley's False	<i>Uropappus lindleyi</i>		BC	April 2008
	Spike-primrose, Brook	<i>Epilobium torreyi</i>		BC	April 2006
	Spike-primrose, Dense	<i>Epilobium densiflorum</i>		BC	May 2005
	Spike-rush, Bent	<i>Eleocharis geniculata</i>	Southern Mountain population	BC	April 2009
	Spike-rush, Bent	<i>Eleocharis geniculata</i>	Great Lakes Plains population	ON	April 2009
	Spike-rush, Horsetail	<i>Eleocharis equisetoides</i>		ON	November 2000
↔	Sundew, Thread-leaved	<i>Drosera filiformis</i>		NS	May 2001
	Tonella, Small-flowered	<i>Tonella tenella</i>		BC	November 2003
↔	Toothcup	<i>Rotala ramosior</i>		BC ON	May 2000
↔	Tree, Cucumber	<i>Magnolia acuminata</i>		ON	April 2010
	Trefoil, Bog Bird's-foot	<i>Lotus pinnatus</i>		BC	May 2004
↔	Trillium, Drooping	<i>Trillium flexipes</i>		ON	April 2009
	Triteleia, Howell's	<i>Triteleia howellii</i>		BC	May 2003
↑	Violet <i>praemorsa</i> subspecies, Yellow Montane	<i>Viola praemorsa</i> ssp. <i>praemorsa</i>		BC	November 2007
↑	Violet, Bird's-foot	<i>Viola pedata</i>		ON	May 2002
	Willow, Barrens	<i>Salix jejuna</i>		NL	May 2001
↔	Wintergreen, Spotted	<i>Chimaphila maculata</i>		ON QC	May 2000
↔	Wood-poppy	<i>Stylophorum diphyllum</i>		ON	November 2007
↔	Woolly-heads, Dwarf	<i>Psilocarphus brevissimus</i>	Southern Mountain population	BC	April 2006
	Woolly-heads, Tall	<i>Psilocarphus elatior</i>		BC	May 2001
<b>Mosses (8)</b>					

ENDANGERED CATEGORY (298)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Cord-moss, Rusty	<i>Entosthodon rubiginosus</i>		BC	November 2004
↔	Moss, Margined Streamside	<i>Scouleria marginata</i>		BC	May 2012
	Moss, Nugget	<i>Microbryum vlassovii</i>		BC	November 2006
↔	Moss, Poor Pocket	<i>Fissidens pauperculus</i>		BC	May 2011
↔	Moss, Rigid Apple	<i>Bartramia stricta</i>		BC	November 2009
	Moss, Roell's Brotherella	<i>Brotherella roellii</i>		BC	November 2010
↔	Moss, Silver Hair	<i>Fabronia pusilla</i>		BC	May 2012
	Moss, Spoon-leaved	<i>Bryoandersonia illecebra</i>		ON	May 2003
<b>Lichens (5)</b>					
	Lichen, Batwing Vinyl	<i>Leptogium platynum</i>		BC	May 2011
	Lichen, Boreal Felt	<i>Erioderma pedicellatum</i>	Atlantic population	NB NS	May 2002
	Lichen, Pale-bellied Frost	<i>Physconia subpallida</i>		ON	November 2009
↔	Lichen, Seaside Centipede	<i>Heterodermia sitchensis</i>		BC	April 2006
	Lichen, Vole Ears	<i>Erioderma mollissimum</i>		NB NS NL	November 2009

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
<b>Mammals (17)</b>					
↔	Bat, Pallid	<i>Antrozous pallidus</i>		BC	November 2010
	Bison, Plains	<i>Bison bison bison</i>		BC AB SK MB	May 2004
↔	Bison, Wood	<i>Bison bison athabasca</i>		YT NT BC AB	May 2000
↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Boreal population	YT NT BC AB SK MB ON QC NL	May 2002
↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Southern Mountain population	BC AB	May 2002
↑	Ermine <i>haidarum</i> subspecies	<i>Mustela erminea haidarum</i>		BC	May 2001
↑	Fox, Grey	<i>Urocyon cinereoargenteus</i>		MB ON	May 2002
↓	Fox, Swift	<i>Vulpes velox</i>		AB SK	November 2009
↓	Marten, American	<i>Martes americana atrata</i>	Newfoundland population	NL	April 2007
↑	Prairie Dog, Black-tailed	<i>Cynomys ludovicianus</i>		SK	November 2011
↔	Seal, Northern Fur	<i>Callorhinus ursinus</i>		BC Pacific Ocean	November 2010
↓	Whale, Beluga	<i>Delphinapterus leucas</i>	St. Lawrence Estuary population	QC Atlantic Ocean	May 2004
↻	Whale, Beluga	<i>Delphinapterus leucas</i>	Cumberland Sound population	NU Arctic Ocean	May 2004
↻	Whale, Fin	<i>Balaenoptera physalus</i>	Pacific population	Pacific Ocean	May 2005
↔	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific northern resident population	Pacific Ocean	November 2008
↑	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific offshore population	Pacific Ocean	November 2008
↔	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific transient population	Pacific Ocean	November 2008
<b>Birds (29)</b>					
	Albatross, Short-tailed	<i>Phoebastria albatrus</i>		BC	November 2003
↔	Bittern, Least	<i>Ixobrychus exilis</i>		MB ON QC NB NS	April 2009
	Bobolink	<i>Dolichonyx oryzivorus</i>		BC AB SK MB ON QC NB PE NS NL	April 2010

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Flycatcher, Olive-sided	<i>Contopus cooperi</i>		YT NT BC AB SK MB ON QC NB PE NS NL	November 2007
↔	Goshawk <i>laingi</i> subspecies, Northern	<i>Accipiter gentilis laingi</i>		BC	May 2013
↔	Gull, Ross's	<i>Rhodostethia rosea</i>		NU MB	April 2007
↑	Hawk, Ferruginous	<i>Buteo regalis</i>		AB SK MB	April 2008
	Knot <i>roselaari</i> type, Red	<i>Calidris canutus roselaari</i> type		YT NT BC	April 2007
	Longspur, Chestnut-collared	<i>Calcarius ornatus</i>		AB SK MB	November 2009
	Meadowlark, Eastern	<i>Sturnella magna</i>		ON QC NB NS	May 2011
↔	Murrelet, Marbled	<i>Brachyramphus marmoratus</i>		BC	May 2012
	Nighthawk, Common	<i>Chordeiles minor</i>		YT NT BC AB SK MB ON QC NB PE NS NL	April 2007
	Owl <i>brooksi</i> subspecies, Northern Saw-whet	<i>Aegolius acadicus brooksi</i>		BC	April 2006
↑	Owl, Barn	<i>Tyto alba</i>	Western population	BC	November 2010
↔	Pipit, Sprague's	<i>Anthus spragueii</i>		AB SK MB	April 2010
↑	Screech-owl <i>kennicottii</i> subspecies, Western	<i>Megascops kennicottii kennicottii</i>		BC	May 2012
↓	Screech-owl <i>macfarlanei</i> subspecies, Western	<i>Megascops kennicottii macfarlanei</i>		BC	May 2012
	Shearwater, Pink-footed	<i>Puffinus creatopus</i>		BC	May 2004
↔	Shrike <i>excubitorides</i> subspecies, Loggerhead	<i>Lanius ludovicianus excubitorides</i>		AB SK MB	May 2004
	Swallow, Bank	<i>Riparia riparia</i>		YT NT BC AB SK MB ON QC NB PE NS NL	May 2013
	Swallow, Barn	<i>Hirundo rustica</i>		YT NT BC AB SK MB ON QC NB PE NS NL	May 2011
	Swift, Chimney	<i>Chaetura pelagica</i>		SK MB ON QC NB NS NL	April 2007

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↑	Thrush, Bicknell's	<i>Catharus bicknelli</i>		QC NB NS	November 2009
	Thrush, Wood	<i>Hylocichla mustelina</i>		ON QC NB NS	November 2012
	Warbler, Canada	<i>Cardellina canadensis</i>		YT NT BC AB SK MB ON QC NB PE NS	April 2008
	Warbler, Golden-winged	<i>Vermivora chrysoptera</i>		MB ON QC	April 2006
	Whip-poor-will, Eastern	<i>Anrostomus vociferus</i>		SK MB ON QC NB NS	April 2009
↑	Woodpecker, Lewis's	<i>Melanerpes lewis</i>		BC	April 2010
↑	Woodpecker, Red-headed	<i>Melanerpes erythrocephalus</i>		SK MB ON QC	April 2007
<b>Reptiles (10)</b>					
↔	Gophersnake, Great Basin	<i>Pituophis catenifer deserticola</i>		BC	May 2013
↻	Massasauga	<i>Sistrurus catenatus</i>	Great Lakes / St. Lawrence population	ON	November 2012
↑	Racer, Eastern Yellow-bellied	<i>Coluber constrictor flaviventris</i>		SK	November 2004
↻	Ratsnake, Gray	<i>Pantherophis spiloides</i>	Great Lakes / St. Lawrence population	ON	April 2007
	Rattlesnake, Western	<i>Crotalus oreganus</i>		BC	May 2004
↔	Ribbonsnake, Eastern	<i>Thamnophis sauritus</i>	Atlantic population	NS	November 2012
↔	Snake, Eastern Hog-nosed	<i>Heterodon platirhinos</i>		ON	November 2007
↔	Softshell, Spiny	<i>Apalone spinifera</i>		ON QC	May 2002
	Turtle, Blanding's	<i>Emydoidea blandingii</i>	Great Lakes / St. Lawrence population	ON QC	May 2005
↑	Turtle, Wood	<i>Glyptemys insculpta</i>		ON QC NB NS	November 2007
<b>Amphibians (5)</b>					
↻	Frog, Western Chorus	<i>Pseudacris triseriata</i>	Great Lakes / St. Lawrence - Canadian Shield population	ON QC	April 2008
↻	Salamander, Allegheny Mountain Dusky	<i>Desmognathus ochrophaeus</i>	Great Lakes / St. Lawrence population	QC	April 2007
↑	Salamander, Coastal Giant	<i>Dicamptodon tenebrosus</i>		BC	November 2000

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↻	Salamander, Spring	<i>Gyrinophilus porphyriticus</i>	Adirondack / Appalachian population	QC	May 2011
↔	Spadefoot, Great Basin	<i>Spea intermontana</i>		BC	April 2007
<b>Fishes (40)</b>					
	Bocaccio	<i>Sebastes paucispinis</i>		Pacific Ocean	November 2002
↔	Cisco, Shortjaw	<i>Coregonus zenithicus</i>		NT AB SK MB ON	May 2003
↑	Dace, Umatilla	<i>Rhinichthys umatilla</i>		BC	April 2010
↔	Darter, Channel	<i>Percina copelandi</i>		ON QC	May 2002
↻	Darter, Eastern Sand	<i>Ammocrypta pellucida</i>	Ontario populations	ON	November 2009
↻	Darter, Eastern Sand	<i>Ammocrypta pellucida</i>	Quebec populations	QC	November 2009
↑	Eel, American	<i>Anguilla rostrata</i>		ON QC NB PE NS NL Atlantic Ocean	May 2012
↔	Gar, Spotted	<i>Lepisosteus oculatus</i>		ON	May 2005
↔	Lamprey, Vancouver	<i>Lampetra macrostoma</i>		BC	November 2008
	Mako, Shortfin	<i>Isurus oxyrinchus</i>	Atlantic population	Atlantic Ocean	April 2006
	Minnow, Plains	<i>Hybognathus placitus</i>		SK	May 2012
↑	Minnow, Pugnose	<i>Opsopoeodus emiliae</i>		ON	May 2012
	Plaice, American	<i>Hippoglossoides platessoides</i>	Newfoundland and Labrador population	Atlantic Ocean	April 2009
	Plaice, American	<i>Hippoglossoides platessoides</i>	Maritime population	Atlantic Ocean	April 2009
	Redfish, Acadian	<i>Sebastes fasciatus</i>	Atlantic population	Atlantic Ocean	April 2010
	Redfish, Deepwater	<i>Sebastes mentella</i>	Northern population	Atlantic Ocean	April 2010
↔	Redhorse, Black	<i>Moxostoma duquesnei</i>		ON	May 2005
	Rockfish, Canary	<i>Sebastes pinniger</i>		Pacific Ocean	November 2007
	Rockfish, Quillback	<i>Sebastes maliger</i>		Pacific Ocean	November 2009
	Rockfish, Yellowmouth	<i>Sebastes reedi</i>		Pacific Ocean	April 2010



THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Salmon, Atlantic	<i>Salmo salar</i>	South Newfoundland population	NL Atlantic Ocean	November 2010
↓	Salmon, Chinook	<i>Oncorhynchus tshawytscha</i>	Okanagan population	BC Pacific Ocean	April 2006
↔	Sculpin, Coastrange	<i>Cottus aleuticus</i>	Cultus population	BC	April 2010
	Sculpin, Rocky Mountain	<i>Cottus</i> sp.	Eastslope populations	AB	May 2005
↔	Shiner, Carmine	<i>Notropis percobromus</i>		MB	April 2006
↓	Shiner, Pugnose	<i>Notropis anogenus</i>		ON	May 2013
↑	Shiner, Silver	<i>Notropis photogenis</i>		ON	May 2011
	Skate, Winter	<i>Leucoraja ocellata</i>	Eastern Scotian Shelf population	Atlantic Ocean	May 2005
	Smelt, Rainbow	<i>Osmerus mordax</i>	Lake Utopia large-bodied population	NB	November 2008
↔	Smelt, Rainbow	<i>Osmerus mordax</i>	Lake Utopia small-bodied population	NB	November 2008
	Sturgeon, Atlantic	<i>Acipenser oxyrinchus</i>	St. Lawrence populations	QC Atlantic Ocean	May 2011
	Sturgeon, Atlantic	<i>Acipenser oxyrinchus</i>	Maritimes populations	NB NS Atlantic Ocean	May 2011
↑	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Great Lakes - Upper St. Lawrence populations	ON QC	November 2006
↻	Sturgeon, White	<i>Acipenser transmontanus</i>	Lower Fraser River population	BC	November 2012
↻	Sucker, Mountain	<i>Catostomus platyrhynchus</i>	Milk River populations	AB SK	November 2010
↓	Sucker, Salish	<i>Catostomus</i> sp. cf. <i>catostomus</i>		BC	November 2012
	Trout, Bull	<i>Salvelinus confluentus</i>	Saskatchewan - Nelson Rivers populations	AB	November 2012
↔	Trout, Westslope Cutthroat	<i>Oncorhynchus clarkii lewisi</i>	Alberta population	AB	November 2006
↔	Wolffish, Northern	<i>Anarhichas denticulatus</i>		Arctic Ocean Atlantic Ocean	November 2012
↔	Wolffish, Spotted	<i>Anarhichas minor</i>		Arctic Ocean Atlantic Ocean	November 2012
<b>Arthropods (7)</b>					
	Flower Moth, Verna's	<i>Schinia verna</i>		AB SK MB	May 2005

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Metalmark, Mormon	<i>Apodemia mormo</i>	Prairie population	SK	May 2003
↔	Skipper <i>vestris</i> subspecies, Dun	<i>Euphyes vestris vestris</i>		BC	May 2013
	Skipper, Dakota	<i>Hesperia dacotae</i>		SK MB	November 2003
	Skipperling, Poweshiek	<i>Oarisma poweshiek</i>		MB	November 2003
	Tiger Beetle, Gibson's Big Sand	<i>Cicindela formosa gibsoni</i>		AB SK	November 2012
	Tiger Moth, Island	<i>Grammia complicata</i>		BC	May 2013
<b>Molluscs (4)</b>					
	Jumping-slug, Dromedary	<i>Hemphillia dromedarius</i>		BC	May 2003
	Mapleleaf	<i>Quadrula quadrula</i>	Great Lakes - Western St. Lawrence population	ON	April 2006
	Mud-piddock, Atlantic	<i>Barnea truncata</i>		Atlantic Ocean	November 2009
	Wartyback, Threehorn	<i>Obliquaria reflexa</i>		ON	May 2013
<b>Vascular Plants (46)</b>					
↔	Aster, Anticosti	<i>Symphyotrichum anticostense</i>		QC NB	May 2000
↑	Aster, Gulf of St. Lawrence	<i>Symphyotrichum laurentianum</i>		QC NB PE	May 2004
↑	Aster, Western Silvery	<i>Symphyotrichum sericeum</i>		MB ON	May 2000
↔	Aster, White Wood	<i>Eurybia divaricata</i>		ON QC	November 2002
↑	Aster, Willowleaf	<i>Symphyotrichum praealtum</i>		ON	May 2003
	Baccharis, Eastern	<i>Baccharis halimifolia</i>		NS	November 2011
↑	Bartonia, Branched	<i>Bartonia paniculata</i> ssp. <i>paniculata</i>		ON	November 2003
↔	Blazing Star, Dense	<i>Liatris spicata</i>		ON	April 2010
↔	Coffee-tree, Kentucky	<i>Gymnocladus dioicus</i>		ON	November 2000
↔	Colicroot	<i>Aletris farinosa</i>		ON	November 2000
↓	Cryptantha, Tiny	<i>Cryptantha minima</i>		AB SK	May 2012

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Daisy, Lakeside	<i>Tetranneuris herbacea</i>		ON	May 2002
↔	Deerberry	<i>Vaccinium stamineum</i>		ON	November 2000
	Desert-parsley, Gray's	<i>Lomatium grayi</i>		BC	November 2008
	Fern, Lemmon's Holly	<i>Polystichum lemmonii</i>		BC	May 2003
	Fern, Mountain Holly	<i>Polystichum scopulinum</i>		BC QC NL	May 2005
↑	Gentian, Victorin's	<i>Gentianopsis virgata</i> ssp. <i>victorinii</i>		QC	May 2004
↻	Goldenrod, Showy	<i>Solidago speciosa</i>	Boreal population	ON	November 2010
↔	Goldenseal	<i>Hydrastis canadensis</i>		ON	May 2000
↑	Goosefoot, Smooth	<i>Chenopodium subglabrum</i>		AB SK MB	April 2006
↔	Greenbrier, Round-leaved	<i>Smilax rotundifolia</i>	Great Lakes Plains population	ON	November 2007
↑	Hackberry, Dwarf	<i>Celtis tenuifolia</i>		ON	November 2003
↑	Hoptree, Common	<i>Ptelea trifoliata</i>		ON	November 2002
↑	Hyacinth, Wild	<i>Camassia scilloides</i>		ON	May 2002
↔	Jacob's-ladder, Van Brunt's	<i>Polemonium vanbruntiae</i>		QC	November 2002
↑	Meadowfoam, Macoun's	<i>Limnanthes macounii</i>		BC	November 2004
↔	Mosquito-fern, Mexican	<i>Azolla mexicana</i>		BC	November 2008
↓	Mouse-ear-cress, Slender	<i>Halimolobos virgata</i>		AB SK	May 2000
↑	Orchid, Phantom	<i>Cephalanthera austini</i>		BC	May 2000
	Paintbrush, Cliff	<i>Castilleja rupicola</i>		BC	May 2005
	Pea, Silky Beach	<i>Lathyrus littoralis</i>		BC	May 2013
↔	Pennywort, Water	<i>Hydrocotyle umbellata</i>		NS	May 2000
	Phlox, Showy	<i>Phlox speciosa</i> ssp. <i>occidentalis</i>		BC	November 2004
	Popcornflower, Slender	<i>Plagiobothrys tenellus</i>		BC	November 2008

THREATENED CATEGORY (164)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↑	Quillwort, Bolander's	<i>Isoetes bolanderi</i>		AB	April 2006
↑	Rue-anemone, False	<i>Enemion biternatum</i>		ON	May 2005
	Sanicle, Purple	<i>Sanicula bipinnatifida</i>		BC	May 2001
	Saxifrage, Spiked	<i>Micranthes spicata</i>		YT	May 2013
	Sedge, Baikal	<i>Carex sabulosa</i>		YT	May 2005
↔	Soapweed	<i>Yucca glauca</i>		AB SK	May 2013
↔	Spiderwort, Western	<i>Tradescantia occidentalis</i>		AB SK MB	November 2002
	Thistle, Hill's	<i>Cirsium hillii</i>		ON	November 2004
↓	Twayblade, Purple	<i>Liparis liliifolia</i>		ON QC	November 2010
↔	Water-willow, American	<i>Justicia americana</i>		ON QC	May 2000
	Willow, Green-scaled	<i>Salix chlorolepis</i>		QC	April 2006
↓	Woodsia, Blunt-lobed	<i>Woodsia obtusa</i>		ON QC	April 2007
<b>Mosses (3)</b>					
	Bryum, Porsild's	<i>Haplodontium macrocarpum</i>		NU BC AB NL	November 2003
	Moss, Alkaline Wing-nerved	<i>Pterygoneurum kozlovii</i>		BC SK	November 2004
↔	Moss, Haller's Apple	<i>Bartramia halleriana</i>		BC AB	November 2011
<b>Lichens (3)</b>					
	Lichen, Flooded Jellyskin	<i>Leptogium rivulare</i>		MB ON	May 2004
	Lichen, Crumpled Tarpaper	<i>Collema coniophilum</i>		BC	November 2010
↑	Lichen, Seaside Bone	<i>Hypogymnia heterophylla</i>		BC	April 2008

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (30)					
↑	Badger <i>taxus</i> subspecies, American	<i>Taxidea taxus taxus</i>		AB SK MB ON	November 2012
↔	Bat, Spotted	<i>Euderma maculatum</i>		BC	May 2004
↻	Bear, Grizzly	<i>Ursus arctos</i>	Western population	YT NT NU BC AB SK MB	May 2012
↔	Bear, Polar	<i>Ursus maritimus</i>		YT NT NU MB ON QC NL Arctic Ocean	April 2008
↔	Beaver, Mountain	<i>Aplodontia rufa</i>		BC	May 2012
↻	Caribou, Barren- ground	<i>Rangifer tarandus groenlandicus</i>	Dolphin and Union population	NT NU	May 2004
↑	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Northern Mountain population	YT NT BC	May 2002
↔	Cottontail <i>nuttallii</i> subspecies, Nuttall's	<i>Sylvilagus nuttallii nuttallii</i>		BC	April 2006
↔	Mole, Eastern	<i>Scalopus aquaticus</i>		ON	November 2010
↔	Mouse <i>megalotis</i> subspecies, Western Harvest	<i>Reithrodontomys megalotis megalotis</i>		BC	April 2007
↑	Narwhal	<i>Monodon monoceros</i>		Arctic Ocean	November 2004
↓	Otter, Sea	<i>Enhydra lutris</i>		BC Pacific Ocean	April 2007
	Pika, Collared	<i>Ochotona collaris</i>		YT NT BC	November 2011
☀	Porpoise, Harbour	<i>Phocoena phocoena</i>	Pacific Ocean population	Pacific Ocean	November 2003
↔	Porpoise, Harbour	<i>Phocoena phocoena</i>	Northwest Atlantic population	Atlantic Ocean	April 2006
↑	Sea Lion, Steller	<i>Eumetopias jubatus</i>		BC Pacific Ocean	November 2003
↔	Vole, Woodland	<i>Microtus pinetorum</i>		ON QC	November 2010
↻	Walrus, Atlantic	<i>Odobenus rosmarus rosmarus</i>		NU MB QC NB PE NS NL Arctic Ocean	April 2006
↻	Whale, Beluga	<i>Delphinapterus leucas</i>	Western Hudson Bay population	NU MB ON Arctic Ocean Atlantic Ocean	May 2004

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern High Arctic - Baffin Bay population	NU Arctic Ocean	May 2004
↔	Whale, Bowhead	<i>Balaena mysticetus</i>	Bering-Chukchi- Beaufort population	Arctic Ocean	April 2009
↻	Whale, Bowhead	<i>Balaena mysticetus</i>	Eastern Canada- West Greenland population	Arctic Ocean	April 2009
↻	Whale, Fin	<i>Balaenoptera physalus</i>	Atlantic population	Atlantic Ocean	May 2005
↑	Whale, Grey	<i>Eschrichtius robustus</i>	Eastern North Pacific population	Pacific Ocean Arctic Ocean	May 2004
↓	Whale, Humpback	<i>Megaptera novaeangliae</i>	North Pacific population	Pacific Ocean	May 2011
☀	Whale, Killer	<i>Orcinus orca</i>	Northwest Atlantic / Eastern Arctic population	Arctic Ocean Atlantic Ocean	November 2008
↑	Whale, Northern Bottlenose	<i>Hyperoodon ampullatus</i>	Davis Strait-Baffin Bay-Labrador Sea population	Atlantic Ocean	May 2011
↔	Whale, Sowerby's Beaked	<i>Mesoplodon bidens</i>		Atlantic Ocean	November 2006
☀	Wolf, Eastern	<i>Canis lupus lycaon</i>		ON QC	May 2001
↔	Wolverine	<i>Gulo gulo</i>	Western population	YT NT NU BC AB SK MB ON	May 2003
<b>Birds (21)</b>					
	Albatross, Black- footed	<i>Phoebastria nigripes</i>		Pacific Ocean	April 2007
	Blackbird, Rusty	<i>Euphagus carolinus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 2006
↔	Curlew, Long-billed	<i>Numenius americanus</i>		BC AB SK	May 2011
↓	Duck, Harlequin	<i>Histrionicus histrionicus</i>	Eastern population	NU QC NB NS NL	May 2001
↻	Falcon <i>anatum/tundrius</i> , Peregrine	<i>Falco peregrinus anatum/tundrius</i>		YT NT NU BC AB SK MB ON QC NB NS NL	April 2007
↔	Falcon <i>pealei</i> subspecies, Peregrine	<i>Falco peregrinus pealei</i>		BC	April 2007
↔	Goldeneye, Barrow's	<i>Bucephala islandica</i>	Eastern population	QC NB PE NS NL	May 2011
	Grebe, Horned	<i>Podiceps auritus</i>	Western population	YT NT NU BC AB SK MB ON	April 2009

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Heron <i>fannini</i> subspecies, Great Blue	<i>Ardea herodias fannini</i>		BC	April 2008
	Knot <i>islandica</i> subspecies, Red	<i>Calidris canutus islandica</i>		NT NU	April 2007
	Longspur, McCown's	<i>Rhynchophanes mccownii</i>		AB SK	April 2006
↔	Murrelet, Ancient	<i>Synthliboramphus antiquus</i>		BC	November 2004
↔	Owl, Flammulated	<i>Otus flammeolus</i>		BC	April 2010
↔	Owl, Short-eared	<i>Asio flammeus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 2008
	Pigeon, Band-tailed	<i>Patagioenas fasciata</i>		BC	November 2008
↔	Rail, Yellow	<i>Coturnicops noveboracensis</i>		NT BC AB SK MB ON QC NB	November 2009
	Sandpiper, Buff- breasted	<i>Tryngites subruficollis</i>		YT NT NU BC AB SK MB ON QC	May 2012
↔	Sparrow <i>princeps</i> subspecies, Savannah	<i>Passerculus sandwichensis princeps</i>		NS	November 2009
↑	Sparrow, Baird's	<i>Ammodramus bairdii</i>		AB SK MB	May 2012
↔	Waterthrush, Louisiana	<i>Parkesia motacilla</i>		ON QC	April 2006
	Wood-pewee, Eastern	<i>Contopus virens</i>		SK MB ON QC NB PE NS	November 2012
<b>Reptiles (10)</b>					
	Boa, Northern Rubber	<i>Charina bottae</i>		BC	May 2003
	Milksnake	<i>Lampropeltis triangulum</i>		ON QC	May 2002
↑	Racer, Western Yellow-bellied	<i>Coluber constrictor mormon</i>		BC	November 2004
↔	Ribbonsnake, Eastern	<i>Thamnophis sauritus</i>	Great Lakes population	ON QC	November 2012
↻	Skink, Five-lined	<i>Plestiodon fasciatus</i>	Great Lakes / St. Lawrence population	ON	April 2007
	Skink, Western	<i>Plestiodon skiltonianus</i>		BC	May 2002
↓	Turtle, Eastern Musk	<i>Sternotherus odoratus</i>		ON QC	November 2012

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Turtle, Northern Map	<i>Graptemys geographica</i>		ON QC	November 2012
	Turtle, Snapping	<i>Chelydra serpentina</i>		SK MB ON QC NB NS	November 2008
	Turtle, Western Painted	<i>Chrysemys picta bellii</i>	Intermountain - Rocky Mountain population	BC	April 2006
<b>Amphibians (8)</b>					
↔	Frog, Coastal Tailed	<i>Ascaphus truei</i>		BC	November 2011
↔	Frog, Northern Leopard	<i>Lithobates pipiens</i>	Western Boreal/Prairie populations	NT AB SK MB	April 2009
↔	Frog, Red-legged	<i>Rana aurora</i>		BC	November 2004
↔	Salamander, Coeur d'Alene	<i>Plethodon idahoensis</i>		BC	November 2007
↻	Salamander, Western Tiger	<i>Ambystoma mavortium</i>	Prairie / Boreal population	AB SK MB	November 2012
↔	Toad, Great Plains	<i>Anaxyrus cognatus</i>		AB SK MB	April 2010
↻	Toad, Western	<i>Anaxyrus boreas</i>	Non-calling population	YT NT BC AB	November 2012
↻	Toad, Western	<i>Anaxyrus boreas</i>	Calling population	BC AB	November 2012
<b>Fishes (53)</b>					
↓	Bass, Striped	<i>Morone saxatilis</i>	Southern Gulf of St. Lawrence population	QC NB PE NS Atlantic Ocean	November 2012
↔	Buffalo, Bigmouth	<i>Ictiobus cyprinellus</i>	Saskatchewan - Nelson River populations	SK MB	April 2009
☀	Cisco, Bering	<i>Coregonus laurettae</i>		YT	November 2004
↻	Cod, Atlantic	<i>Gadus morhua</i>	Arctic Lakes population	NU	April 2010
	Dogfish, North Pacific Spiny	<i>Squalus suckleyi</i>		Pacific Ocean	November 2011
	Dogfish, Spiny	<i>Squalus acanthias</i>	Atlantic population	Atlantic Ocean	April 2010
	Dolly Varden	<i>Salvelinus malma malma</i>	Western Arctic populations	YT NT	November 2010
↓	Eulachon	<i>Thaleichthys pacificus</i>	Nass / Skeena Rivers population	BC Pacific Ocean	May 2013



SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Grenadier, Roughhead	<i>Macrourus berglax</i>		Atlantic Ocean	April 2007
↔	Killifish, Banded	<i>Fundulus diaphanus</i>	Newfoundland populations	NL	May 2003
↻	Kiyi, Upper Great Lakes	<i>Coregonus kiyi kiyi</i>		ON	May 2005
↻	Lamprey, Northern Brook	<i>Ichthyomyzon fossor</i>	Great Lakes - Upper St. Lawrence populations	ON QC	April 2007
	Lamprey, Silver	<i>Ichthyomyzon unicuspis</i>	Great Lakes - Upper St. Lawrence populations	ON QC	May 2011
	Pickereel, Grass	<i>Esox americanus vermiculatus</i>		ON QC	May 2005
	Redfish, Acadian	<i>Sebastes fasciatus</i>	Bonne Bay population	Atlantic Ocean	April 2010
↔	Redhorse, River	<i>Moxostoma carinatum</i>		ON QC	April 2006
	Rockfish type I, Rougheye	<i>Sebastes</i> sp. type I		Pacific Ocean	April 2007
	Rockfish type II, Rougheye	<i>Sebastes</i> sp. type II		Pacific Ocean	April 2007
	Rockfish, Darkblotched	<i>Sebastes crameri</i>		Pacific Ocean	November 2009
	Rockfish, Yelloweye	<i>Sebastes ruberrimus</i>	Pacific Ocean outside waters population	Pacific Ocean	November 2008
	Rockfish, Yelloweye	<i>Sebastes ruberrimus</i>	Pacific Ocean inside waters population	Pacific Ocean	November 2008
	Salmon, Atlantic	<i>Salmo salar</i>	Quebec Eastern North Shore population	QC Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Quebec Western North Shore population	QC Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Inner St. Lawrence population	QC Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Gaspé-Southern Gulf of St. Lawrence population	QC NB PE NS Atlantic Ocean	November 2010
↔	Sculpin, Columbia	<i>Cottus hubbsi</i>		BC	November 2010

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↻	Sculpin, Deepwater	<i>Myoxocephalus thompsonii</i>	Great Lakes - Western St. Lawrence populations	ON QC	April 2006
	Sculpin, Rocky Mountain	<i>Cottus</i> sp.	Westslope populations	BC	April 2010
↓	Sculpin, Shorthead	<i>Cottus confusus</i>		BC	November 2010
	Shark, Basking	<i>Cetorhinus maximus</i>	Atlantic population	Atlantic Ocean	November 2009
	Shark, Blue	<i>Prionace glauca</i>	Atlantic population	Atlantic Ocean	April 2006
	Shark, Bluntnose Sixgill	<i>Hexanchus griseus</i>		Pacific Ocean	April 2007
↔	Shiner, Bridle	<i>Notropis bifrenatus</i>		ON QC	May 2013
	Skate, Smooth	<i>Malacoraja senta</i>	Laurentian-Scotian population	QC NB PE NS Atlantic Ocean	May 2012
	Skate, Thorny	<i>Amblyraja radiata</i>		NU QC NB PE NS NL Arctic Ocean Atlantic Ocean	May 2012
	Skate, Winter	<i>Leucoraja ocellata</i>	Georges Bank- Western Scotian Shelf-Bay of Fundy population	Atlantic Ocean	May 2005
	Stickleback, Charlotte Unarmoured Threespine	<i>Gasterosteus aculeatus</i>		BC	April 1983
	Stickleback, Giant Threespine	<i>Gasterosteus aculeatus</i>		BC	April 1980
↔	Sturgeon, Green	<i>Acipenser medirostris</i>		BC Pacific Ocean	November 2004
↔	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Lake of the Woods - Rainy River populations	ON	November 2006
↔	Sturgeon, Lake	<i>Acipenser fulvescens</i>	Southern Hudson Bay - James Bay populations	MB ON QC	November 2006
↔	Sturgeon, Shortnose	<i>Acipenser brevirostrum</i>		NB	May 2005
↻	Sucker, Mountain	<i>Catostomus platyrhynchus</i>	Pacific populations	BC	November 2010
↔	Sucker, Spotted	<i>Minytrema melanops</i>		ON	May 2005
	Thornyhead, Longspine	<i>Sebastolobus altivelis</i>		Pacific Ocean	April 2007

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Tope	<i>Galeorhinus galeus</i>		Pacific Ocean	April 2007
↔	Topminnow, Blackstripe	<i>Fundulus notatus</i>		ON	May 2012
	Trout, Bull	<i>Salvelinus confluentus</i>	South Coast British Columbia populations	BC	November 2012
	Trout, Bull	<i>Salvelinus confluentus</i>	Western Arctic populations	YT NT BC AB	November 2012
↔	Trout, Westslope Cutthroat	<i>Oncorhynchus clarkii lewisi</i>	British Columbia population	BC	November 2006
↔	Warmouth	<i>Lepomis gulosus</i>		ON	May 2005
	Whitefish, Squanga	<i>Coregonus</i> sp.		YT	April 1987
↔	Wolffish, Atlantic	<i>Anarhichas lupus</i>		Arctic Ocean Atlantic Ocean	November 2012
<b>Arthropods (8)</b>					
↔	Admiral, Weidemeyer's	<i>Limenitis weidemeyerii</i>		AB	May 2012
	Grasshopper, Greenish-white	<i>Hypochlora alba</i>		AB SK MB	November 2012
↔	Monarch	<i>Danaus plexippus</i>		BC AB SK MB ON QC NB PE NS	April 2010
	Moth, Pale Yellow Dune	<i>Copablepharon grandis</i>		AB SK MB	November 2007
	Skipper, Sonora	<i>Polites sonora</i>		BC	April 2006
	Snaketail, Pygmy	<i>Ophiogomphus howei</i>		ON NB	November 2008
	Spider, Georgia Basin Bog	<i>Gnaphosa snohomish</i>		BC	November 2012
	Tachinid Fly, Dune	<i>Germaria angustata</i>		YT	May 2011
<b>Molluscs (8)</b>					
	Floater, Brook	<i>Alasmodonta varicosa</i>		NB NS	April 2009
↔	Jumping-slug, Warty	<i>Hemphillia glandulosa</i>		BC	May 2013
↓	Lampmussel, Wavy- rayed	<i>Lampsilis fasciola</i>		ON	April 2010
	Lampmussel, Yellow	<i>Lampsilis cariosa</i>		NB NS	May 2004
	Mantleslug, Magnum	<i>Magnipelta mycophaga</i>		BC	May 2012
↔	Oyster, Olympia	<i>Ostrea lurida</i>		BC Pacific Ocean	May 2011
	Slug, Haida Gwaii	<i>Staala gwaii</i>		BC	May 2013
	Vertigo, Threaded	<i>Nearctula</i> sp.		BC	April 2010

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
<b>Vascular Plants (44)</b>					
↓	Ash, Blue	<i>Fraxinus quadrangulata</i>		ON	November 2000
	Aster, Bathurst	<i>Symphyotrichum subulatum</i>	Bathurst population	NB	April 1992
↓	Aster, Crooked-stem	<i>Symphyotrichum prenanthoides</i>		ON	November 2012
↓	Aster, White-top	<i>Sericocarpus rigidus</i>		BC	April 2009
	Beggarticks, Vancouver Island	<i>Bidens amplissima</i>		BC	November 2001
↓	Blue Flag, Western	<i>Iris missouriensis</i>		AB	April 2010
↓	Buffalograss	<i>Bouteloua dactyloides</i>		SK MB	November 2011
	Bulrush, Long's	<i>Scirpus longii</i>		NS	April 1994
	Fern, Broad Beech	<i>Phegopteris hexagonoptera</i>		ON QC	April 1983
↔	Fern, Coastal Wood	<i>Dryopteris arguta</i>		BC	November 2001
	Fern, Hart's-tongue	<i>Asplenium scolopendrium</i>		ON	November 2000
	Fleabane, Provancher's	<i>Erigeron philadelphicus</i> var. <i>provancheri</i>		QC	April 1992
↓	Goldencrest	<i>Lophiola aurea</i>		NS	May 2012
	Goldenrod, Houghton's	<i>Solidago houghtonii</i>		ON	May 2005
	Goldenrod, Riddell's	<i>Solidago riddellii</i>		MB ON	November 2000
	Green Dragon	<i>Arisaema dracontium</i>		ON QC	April 1984
↔	Hairgrass, Mackenzie	<i>Deschampsia mackenziana</i>		SK	November 2001
↓	Helleborine, Giant	<i>Epipactis gigantea</i>		BC	April 1998
↔	Indian-plantain, Tuberous	<i>Arnoglossum plantagineum</i>		ON	May 2002
↓	Iris, Dwarf Lake	<i>Iris lacustris</i>		ON	November 2010
↔	Lilaeopsis, Eastern	<i>Lilaeopsis chinensis</i>		NS	May 2004
↓	Lily, Lyall's Mariposa	<i>Calochortus lyallii</i>		BC	May 2011

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Locoweed, Hare-footed	<i>Oxytropis lagopus</i>		AB	April 1995
↔	Milk-vetch, Fernald's	<i>Astragalus robbinsii</i> var. <i>fernaldii</i>		QC NL	November 2001
↔	Oak, Shumard	<i>Quercus shumardii</i>		ON	April 1999
↓	Pepperbush, Sweet	<i>Clethra alnifolia</i>		NS	May 2001
	Pinweed, Beach	<i>Lechea maritima</i>		NB PE	April 2008
↔	Pondweed, Hill's	<i>Potamogeton hillii</i>		ON	May 2005
↓	Prairie-clover, Hairy	<i>Dalea villosa</i>		SK MB	November 2011
	Quillwort, Prototype	<i>Isoetes prototypus</i>		NB NS	May 2005
↓	Redroot	<i>Lachnanthes caroliniana</i>		NS	November 2009
↓	Rose, Climbing Prairie	<i>Rosa setigera</i>		ON	May 2003
↔	Rose-mallow, Swamp	<i>Hibiscus moscheutos</i>		ON	November 2004
↔	Rush, New Jersey	<i>Juncus caesariensis</i>		NS	May 2004
↓	Spike-rush, Tubercled	<i>Eleocharis tuberculosa</i>		NS	April 2010
	Tansy, Floccose	<i>Tanacetum huronense</i> var. <i>floccosum</i>		SK	May 2000
↓	Thistle, Pitcher's	<i>Cirsium pitcheri</i>		ON	November 2010
↔	Thrift, Athabasca	<i>Armeria maritima</i> ssp. <i>interior</i>		SK	May 2002
↔	Water-hemlock, Victorin's	<i>Cicuta maculata</i> var. <i>victorinii</i>		QC	May 2004
	Willow, Felt-leaf	<i>Salix silicicola</i>		NU SK	May 2000
	Willow, Sand-dune Short-capsuled	<i>Salix brachycarpa</i> var. <i>psammophila</i>		SK	May 2000
	Willow, Turnor's	<i>Salix turnorii</i>		SK	May 2000
	Woolly-heads, Dwarf	<i>Psilocarphus brevissimus</i>	Prairie population	AB SK	April 2006
	Yarrow, Large-headed Woolly	<i>Achillea millefolium</i> var. <i>megacephalum</i>		SK	May 2000
<b>Mosses (4)</b>					
	Cord-moss, Banded	<i>Entosthodon fascicularis</i>		BC	May 2005

SPECIAL CONCERN CATEGORY (192)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Moss, Columbian Carpet	<i>Bryoerythrophyllum columbianum</i>		BC	May 2004
	Moss, Pygmy Pocket	<i>Fissidens exilis</i>		ON QC	May 2005
	Moss, Twisted Oak	<i>Syntrichia laevipila</i>		BC	May 2004
<b>Lichens (6)</b>					
	Lichen, Frosted Glass-whiskers	<i>Sclerophora peronella</i>	Nova Scotia population	NS	May 2005
	Lichen, Blue Felt	<i>Degelia plumbea</i>		NB NS NL	November 2010
	Lichen, Boreal Felt	<i>Erioderma pedicellatum</i>	Boreal population	NL	May 2002
↔	Lichen, Cryptic Paw	<i>Nephroma occultum</i>		BC	April 2006
↔	Lichen, Oldgrowth Specklebelly	<i>Pseudocyphellaria rainierensis</i>		BC	April 2010
	Lichen, Peacock Vinyl	<i>Leptogium polycarpum</i>		BC	May 2011

Table 8. Wildlife species assessed by COSEWIC and found to be in the Not at Risk category, with range of occurrence (by province, territory or ocean) and date of last assessment (172 wildlife species). Note that wildlife species in the Not at Risk category will normally only be reassessed if new information suggests that the wildlife species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct.

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
<b>Mammals (44)</b>					
↔	Bear, American Black	<i>Ursus americanus</i>		YT NT NU BC AB SK MB ON QC NB NS NL	April 1999
↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Newfoundland population	NL	May 2002
↔	Cottontail <i>pinetis</i> subspecies, Nuttall's	<i>Sylvilagus nuttallii pinetis</i>		AB SK	April 1994
	Dolphin, Atlantic White-sided	<i>Lagenorhynchus acutus</i>		Atlantic Ocean	April 1991
	Dolphin, Bottlenose	<i>Tursiops truncatus</i>		Atlantic Ocean	April 1993
	Dolphin, Common	<i>Delphinus delphis</i>		Pacific Ocean Atlantic Ocean	April 1991
	Dolphin, Northern Right Whale	<i>Lissodelphis borealis</i>		Pacific Ocean	April 1990
	Dolphin, Pacific White-sided	<i>Lagenorhynchus obliquidens</i>		Pacific Ocean	April 1990
	Dolphin, Risso's	<i>Grampus griseus</i>		Pacific Ocean Atlantic Ocean	April 1990
	Dolphin, Striped	<i>Stenella coeruleoalba</i>		Pacific Ocean Atlantic Ocean	April 1993
	Dolphin, White-beaked	<i>Lagenorhynchus albirostris</i>		Atlantic Ocean	April 1998
√	Gopher, Plains Pocket	<i>Geomys bursarius</i>		MB	April 1998
↔	Lynx, Canada	<i>Lynx canadensis</i>		YT NT NU BC AB SK MB ON QC NB NS NL	May 2001
	Porpoise, Dall's	<i>Phocoenoides dalli</i>		Pacific Ocean	April 1989
	Sea Lion, California	<i>Zalophus californianus</i>		BC Pacific Ocean	April 1987
☀	Seal Atlantic and Eastern Arctic subspecies, Harbour	<i>Phoca vitulina concolor</i>		NU MB ON QC NB PE NS NL Arctic Ocean Atlantic Ocean	November 2007

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Seal Pacific subspecies, Harbour	<i>Phoca vitulina richardsi</i>		BC Pacific Ocean	April 1999
	Seal, Grey	<i>Halichoerus grypus</i>		QC NB PE NS NL Atlantic Ocean	April 1999
	Seal, Hooded	<i>Cystophora cristata</i>		Arctic Ocean Atlantic Ocean	April 1986
	Seal, Northern Elephant	<i>Mirounga angustirostris</i>		BC Pacific Ocean	April 1986
	Seal, Ringed	<i>Phoca hispida</i>		Arctic Ocean Atlantic Ocean	April 1989
√	Shrew, Gaspé	<i>Sorex gaspensis</i>		QC NB NS	April 2006
	Squirrel, Cascade Mantled Ground	<i>Spermophilus saturatus</i>		BC	April 1992
	Squirrel, Fox	<i>Sciurus niger</i>		MB ON	April 1979
↻	Squirrel, Southern Flying	<i>Glaucomys volans</i>	Great Lakes Plains population	ON QC	April 2006
↻	Squirrel, Southern Flying	<i>Glaucomys volans</i>	Atlantic (Nova Scotia) population	NS	April 2006
√	Weasel, Prairie Long-tailed	<i>Mustela frenata longicauda</i>		AB SK MB	April 1993
	Whale North Atlantic subspecies, Common Minke	<i>Balaenoptera acutorostrata acutorostrata</i>		Atlantic Ocean	April 2006
	Whale North Pacific subspecies, Common Minke	<i>Balaenoptera acutorostrata scammonii</i>		Pacific Ocean	April 2006
	Whale, Baird's Beaked	<i>Berardius bairdii</i>		Pacific Ocean	April 1992
↔	Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern Beaufort Sea population	NT Arctic Ocean	May 2004
	Whale, Blainville's Beaked	<i>Mesoplodon densirostris</i>		Atlantic Ocean	April 1989
	Whale, Cuvier's Beaked	<i>Ziphius cavirostris</i>		Pacific Ocean Atlantic Ocean	April 1990
	Whale, False Killer	<i>Pseudorca crassidens</i>		Pacific Ocean	April 1990
	Whale, Hubbs' Beaked	<i>Mesoplodon carlhubbsi</i>		Pacific Ocean	April 1989
√	Whale, Humpback	<i>Megaptera novaeangliae</i>	Western North Atlantic population	Arctic Ocean Atlantic Ocean	May 2003
	Whale, Long-finned Pilot	<i>Globicephala melas</i>		Atlantic Ocean	April 1994



NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Whale, Pygmy Sperm	<i>Kogia breviceps</i>		Pacific Ocean Atlantic Ocean	April 1994
	Whale, Short-finned Pilot	<i>Globicephala macrorhynchus</i>		Pacific Ocean	April 1993
	Whale, Sperm	<i>Physeter macrocephalus</i>		Pacific Ocean Atlantic Ocean	April 1996
	Whale, Stejneger's Beaked	<i>Mesoplodon stejnerei</i>		Pacific Ocean	April 1989
	Whale, True's Beaked	<i>Mesoplodon mirus</i>		Atlantic Ocean	April 1989
	Wolf, Northern Grey	<i>Canis lupus occidentalis</i>		YT NT NU BC AB SK MB ON QC NL	April 1999
	Wolf, Southern Grey	<i>Canis lupus nubilus</i>		BC	April 1999
<b>Birds (36)</b>					
√	Bluebird, Eastern	<i>Sialia sialis</i>		AB SK MB ON QC NB PE NS	April 1996
↔	Chat <i>auricollis</i> subspecies, Yellow-breasted	<i>Icteria virens auricollis</i>	Prairie population	AB SK	November 2011
	Coot, American	<i>Fulica americana</i>		YT NT NU BC AB SK MB ON QC NB NS	April 1991
	Cormorant, Double-crested	<i>Phalacrocorax auritus</i>		YT NT BC AB SK MB ON QC NB PE NS NL	April 1978
	Crane <i>tabida</i> subspecies, Sandhill	<i>Grus canadensis tabida</i>		BC MB ON	April 1979
	Eagle, Bald	<i>Haliaeetus leucocephalus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1984
↔	Eagle, Golden	<i>Aquila chrysaetos</i>		YT NT NU BC AB SK MB ON QC NL	April 1996
↔	Falcon, Prairie	<i>Falco mexicanus</i>		BC AB SK	April 1996
	Flycatcher, Grey	<i>Empidonax wrightii</i>		BC	April 1992
	Goshawk <i>atricapillus</i> subspecies, Northern	<i>Accipiter gentilis atricapillus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1995
	Grebe, Red-necked	<i>Podiceps grisegena</i>		YT NT NU BC AB SK MB ON QC NS NL	April 1982
↔	Gyr Falcon	<i>Falco rusticolus</i>		YT NT NU BC AB SK ON QC PE NS NL	April 1987

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Harrier, Northern	<i>Circus cyaneus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1993
√	Hawk, Cooper's	<i>Accipiter cooperii</i>		BC AB SK MB ON QC NB NS	April 1996
√	Hawk, Red-shouldered	<i>Buteo lineatus</i>		ON QC NB	April 2006
	Hawk, Red-tailed	<i>Buteo jamaicensis</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1995
	Hawk, Rough-legged	<i>Buteo lagopus</i>		YT NT NU BC MB ON QC NL	April 1995
↔	Hawk, Sharp-shinned	<i>Accipiter striatus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1997
	Loon, Common	<i>Gavia immer</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1997
	Loon, Yellow-billed	<i>Gavia adamsii</i>		YT NT NU BC AB MB QC	April 1997
	Merlin	<i>Falco columbarius</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1985
	Owl, Boreal	<i>Aegolius funereus</i>		YT NT NU BC AB SK MB ON QC NB PE NS NL	April 1995
√	Owl, Great Grey	<i>Strix nebulosa</i>		YT NT BC AB SK MB ON QC	April 1996
	Owl, Northern Hawk	<i>Surnia ulula</i>		YT NT BC AB SK MB ON QC NB NL	April 1992
	Owl, Snowy	<i>Bubo scandiaca</i>		YT NT NU MB QC NL	April 1995
√	Pelican, American White	<i>Pelecanus erythrorhynchos</i>		BC AB SK MB ON	April 1987
	Screech-owl, Eastern	<i>Megascops asio</i>		SK MB ON QC NB	April 1986
	Sparrow, Nelson's Sharp-tailed	<i>Ammodramus nelsoni</i>		BC AB SK MB ON QC NB PE NS	April 1998
√	Swan, Trumpeter	<i>Cygnus buccinator</i>		YT NT BC AB SK ON	April 1996
↔	Tern, Black	<i>Chlidonias niger</i>		NT BC AB SK MB ON QC NB NS	April 1996
√	Tern, Caspian	<i>Sterna caspia</i>		NT BC AB SK MB ON QC NL	April 1999

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Tern, Common	<i>Sterna hirundo</i>		NT AB SK MB ON QC NB PE NS NL	April 1998
✓	Warbler, Hooded	<i>Setophaga citrina</i>		ON	May 2012
✓	Warbler, Prairie	<i>Setophaga discolor</i>		ON	April 1999
	Wren, Canyon	<i>Catherpes mexicanus</i>		BC	April 1992
	Wren, Sedge	<i>Cistothorus platensis</i>		AB SK MB ON QC NB	April 1993
<b>Reptiles (5)</b>					
	Brownsnake, DeKay's	<i>Storeria dekayi</i>		ON QC	May 2002
	Gartersnake, Northwestern	<i>Thamnophis ordinoides</i>		BC	May 2003
	Lizard, Northern Alligator	<i>Elgaria coerulea</i>		BC	May 2002
	Turtle, Western Painted	<i>Chrysemys picta bellii</i>	Prairie / Western Boreal - Canadian Shield population	AB SK MB ON	April 2006
	Watersnake, Northern	<i>Nerodia sipedon sipedon</i>		ON QC	May 2002
<b>Amphibians (14)</b>					
	Ensatina	<i>Ensatina eschscholtzii</i>		BC	April 1999
	Frog, Columbia Spotted	<i>Rana luteiventris</i>		YT BC AB	May 2000
↔	Frog, Northern Leopard	<i>Lithobates pipiens</i>	Eastern populations	MB ON QC NB PE NS NL	April 2009
	Frog, Pickerel	<i>Rana palustris</i>		ON QC NB NS	April 1999
↻	Frog, Western Chorus	<i>Pseudacris triseriata</i>	Carolinian population	ON	April 2008
	Mudpuppy	<i>Necturus maculosus</i>		MB ON QC	May 2000
	Salamander, Four-toed	<i>Hemidactylium scutatum</i>		ON QC NB NS	April 1999
	Salamander, Long-toed	<i>Ambystoma macrodactylum</i>		BC AB	April 2006
↻	Salamander, Northern Dusky	<i>Desmognathus fuscus</i>	Quebec / New Brunswick population	QC NB	May 2012
	Salamander, Northwestern	<i>Ambystoma gracile</i>		BC	April 1999
	Salamander, Western Red-backed	<i>Plethodon vehiculum</i>		BC	November 2001

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Spadefoot, Plains	<i>Spea bombifrons</i>		AB SK MB	May 2003
	Toad, Canadian	<i>Bufo hemiophrys</i>		NT AB SK MB	May 2003
	Treefrog, Cope's Grey	<i>Hyla chrysoscelis</i>		MB	April 1999
<b>Fishes (48)</b>					
	Bloater	<i>Coregonus hoyi</i>		ON	April 1988
↺	Buffalo, Bigmouth	<i>Ictiobus cyprinellus</i>	Great Lakes - Upper St. Lawrence populations	ON	April 2008
☀	Chiselmouth	<i>Acrocheilus alutaceus</i>		BC	May 2003
	Chub, Hornyhead	<i>Nocomis biguttatus</i>		MB ON	April 1988
	Chub, River	<i>Nocomis micropogon</i>		ON	April 1988
↺	Chub, Silver	<i>Macrhybopsis storeriana</i>	Saskatchewan - Nelson River populations	MB	May 2012
	Dace, Leopard	<i>Rhinichthys falcatus</i>		BC	April 1990
√	Darter, Greenside	<i>Etheostoma blennioides</i>		ON	November 2006
	Darter, Least	<i>Etheostoma microperca</i>		ON	April 1989
	Darter, River	<i>Percina shumardi</i>		MB ON	April 1989
	Darter, Tessellated	<i>Etheostoma olmstedii</i>		ON QC	April 1993
	Halibut, Atlantic	<i>Hippoglossus hippoglossus</i>		Atlantic Ocean	November 2011
	Herring, Blueback	<i>Alosa aestivalis</i>		NB NS Atlantic Ocean	April 1980
	Killifish, Banded	<i>Fundulus diaphanus</i>	Mainland populations	MB ON QC NB PE NS NL	April 1989
√	Madtom, Brindled	<i>Noturus miurus</i>		ON	May 2001
	Minnow, Bluntnose	<i>Pimephales notatus</i>		MB ON QC	April 1998
	Minnow, Cutlip	<i>Exoglossum maxilllingua</i>		ON QC	April 1994
	Minnow, Eastern Silvery	<i>Hybognathus regius</i>		ON QC	April 1997
	Pickrel, Chain	<i>Esox niger</i>		QC NB NS	April 1997

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Pickarel, Redfin	<i>Esox americanus americanus</i>		QC	April 1998
	Redhorse, Golden	<i>Moxostoma erythrurum</i>		MB ON	April 1989
	Salmon, Atlantic	<i>Salmo salar</i>	Labrador population	QC NL Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Northeast Newfoundland population	NL Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Southwest Newfoundland population	QC NL Atlantic Ocean	November 2010
	Salmon, Atlantic	<i>Salmo salar</i>	Northwest Newfoundland population	NL Atlantic Ocean	November 2010
√	Sardine, Pacific	<i>Sardinops sagax</i>		Pacific Ocean	May 2002
	Sculpin, Deepwater	<i>Myoxocephalus thompsonii</i>	Western populations	NT AB SK MB ON	April 2006
	Sculpin, Fourhorn	<i>Myoxocephalus quadricornis</i>	Salt water form	Pacific Ocean Arctic Ocean Atlantic Ocean	April 1989
	Sculpin, Spoonhead	<i>Cottus ricei</i>		YT NT BC AB SK MB ON QC	April 1989
√	Shiner, Bigmouth	<i>Notropis dorsalis</i>		MB	November 2003
	Shiner, Blackchin	<i>Notropis heterodon</i>		MB ON QC	April 1994
	Shiner, Ghost	<i>Notropis buchanani</i>		ON	April 1993
	Shiner, Redfin	<i>Lythrurus umbratilis</i>		ON	April 1988
	Shiner, Rosyface	<i>Notropis rubellus</i>		ON QC	April 1994
	Shiner, Striped	<i>Luxilus chrysocephalus</i>		ON	April 1993
	Shiner, Weed	<i>Notropis texanus</i>		MB	April 1999
	Silverside, Brook	<i>Labidesthes sicculus</i>		ON QC	April 1989
	Skate, Barndoor	<i>Dipturus laevis</i>		Atlantic Ocean	November 2010
	Skate, Big	<i>Raja binoculata</i>		Pacific Ocean	April 2007
	Skate, Longnose	<i>Raja rhina</i>		Pacific Ocean	April 2007
	Skate, Sandpaper	<i>Bathyraja interrupta</i>		Pacific Ocean	April 2007

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
√	Stoneroller, Central	<i>Campostoma anomalum</i>		ON	April 1998
↻	Sucker, Mountain	<i>Catostomus platyrhynchus</i>	Saskatchewan - Nelson River populations	AB SK	November 2010
	Sunfish, Green	<i>Lepomis cyanellus</i>		ON	April 1987
	Sunfish, Longear	<i>Lepomis megalotis</i>		ON QC	April 1987
	Trout, Bull	<i>Salvelinus confluentus</i>	Pacific populations	BC	November 2012
	Wolf-eel	<i>Anarrhichthys ocellatus</i>		Pacific Ocean	May 2003
	Y-Prickleback	<i>Allolumpenus hypochromus</i>		Pacific Ocean	April 1991
<b>Arthropods (0)</b>					
<b>Molluscs (2)</b>					
	Capshell, Rocky Mountain	<i>Acroloxus coloradensis</i>	Western population	BC AB	November 2001
	Crater, Spike-lip	<i>Appalachina sayana</i>		ON QC NB NS	November 2003
<b>Vascular Plants (21)</b>					
	Aster, Short's	<i>Symphyotrichum shortii</i>		ON	April 1999
	Aster, Yukon	<i>Symphyotrichum yukonense</i>		YT NT	April 1996
	Brickellia, Large-flowered	<i>Brickellia grandiflora</i>		BC AB	April 1996
√	Corydalis, Scouler's	<i>Corydalis scouleri</i>		BC	November 2006
	Fameflower	<i>Talinum sediforme</i>		BC	April 1990
	Fleabane, Dwarf	<i>Erigeron radicans</i>		AB SK	April 1996
	Goldenweed, Northern Mock	<i>Stenotus borealis</i>		YT	April 1997
	Greenbrier, Round-leaved	<i>Smilax rotundifolia</i>	Atlantic population	NS	November 2007
	Mermaid, False	<i>Floerkea proserpinacoides</i>		ON QC NS	April 1984
	Phlox, Blue	<i>Phlox alyssifolia</i>		AB SK	April 1996
	Pink, Rush	<i>Stephanomeria runcinata</i>		AB SK	April 1996

NOT AT RISK CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Pipewort, Parker's	<i>Eriocaulon parkeri</i>		QC NB	April 2007
	Rhododendron, Pacific	<i>Rhododendron macrophyllum</i>		BC	April 1997
	Sagebrush, Wood's	<i>Artemisia rupestris</i> ssp. <i>woodii</i>		YT	April 1997
	Sedge, Nebraska	<i>Carex nebrascensis</i>		AB	April 1995
	Stickseed, Okanogan	<i>Hackelia ciliata</i>		BC	November 2007
	Stitchwort, Sand	<i>Stellaria arenicola</i>		AB SK	April 1992
	Stitchwort, Serpentine	<i>Minuartia marcescens</i>		QC NL	April 2006
	Wallflower, Narrow- leaved	<i>Erysimum angustatum</i>		YT	April 1993
√	Willow, Tyrrell's	<i>Salix tyrrellii</i>		NT NU SK	April 1999
	Woolly-heads, Slender	<i>Psilocarphus tenellus</i> var. <i>tenellus</i>		BC	April 1996
<b>Mosses (1)</b>					
	Moss, Delicate Luster	<i>Isopterygium tenerum</i>		NS	April 2006
<b>Lichens (1)</b>					
√	Lichen, Ghost Antler	<i>Pseudevernia cladonia</i>		QC NB NS	November 2011

Table 9. Wildlife species considered by COSEWIC and placed in the Data Deficient category because of insufficient scientific information at the time of assessment. The range of occurrence (by province, territory or ocean) and date of last assessment are shown. Note that wildlife species in the Data Deficient category will normally only be reassessed if new information suggests that the wildlife species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct (56 wildlife species).

#### DATA DEFICIENT CATEGORY (56)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
<b>Mammals (8)</b>					
☀	Bat, Fringed	<i>Myotis thysanodes</i>		BC	May 2004
☀	Bat, Keen's Long-eared	<i>Myotis keenii</i>		BC	November 2003
☀	Cougar	<i>Puma concolor cougar</i>	Eastern population	ON QC NB NS	April 1998
☀	Seal, Bearded	<i>Erignathus barbatus</i>		NT NU MB ON NL Arctic Ocean Atlantic Ocean	April 2007
	Vole, Sagebrush	<i>Lemmyscus curtatus</i>		AB SK	April 1996
	Whale, Dwarf Sperm	<i>Kogia simus</i>		Pacific Ocean	April 1997
	Whale, Sei	<i>Balaenoptera borealis</i>	Atlantic population	Atlantic Ocean	May 2003
	Wolf, Arctic Grey	<i>Canis lupus arctos</i>		NT NU	April 1999
<b>Birds (2)</b>					
	Poorwill, Common	<i>Phalaenoptilus nuttallii</i>		BC AB SK	April 1993
	Tern, Forster's	<i>Sterna forsteri</i>		BC AB SK MB ON	April 1996
<b>Reptiles (2)</b>					
	Bullsnake	<i>Pituophis catenifer sayi</i>		AB SK	May 2002
	Turtle, Eastern Box	<i>Terrapene carolina carolina</i>		ON	May 2002
<b>Amphibians (0)</b>					
<b>Fishes (28)</b>					
☀	Buffalo, Black	<i>Ictiobus niger</i>		ON	April 2007
↔	Catfish, Flathead	<i>Pylodictis olivaris</i>		ON	April 2008
	Chub, Lake	<i>Couesius plumbeus</i>	Northern British Columbia Hotsprings populations	BC	November 2004
☀	Cisco, Blackfin	<i>Coregonus nigripinnis</i>		ON	April 2007



DATA DEFICIENT CATEGORY (56)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↺	Cod, Atlantic	<i>Gadus morhua</i>	Arctic Marine population	Atlantic Ocean	April 2010
↺	Lamprey, Chestnut	<i>Ichthyomyzon castaneus</i>	Great Lakes - Upper St. Lawrence populations	ON QC	November 2010
↺	Lamprey, Chestnut	<i>Ichthyomyzon castaneus</i>	Saskatchewan - Nelson River populations	SK MB ON	November 2010
↔	Lamprey, Darktail	<i>Lethenteron alaskense</i>		NT	April 2006
↺	Lamprey, Northern Brook	<i>Ichthyomyzon fossor</i>	Saskatchewan - Nelson population	MB	April 2007
	Lamprey, Silver	<i>Ichthyomyzon unicuspis</i>	Saskatchewan - Nelson Rivers populations	MB ON	May 2011
☀	Madtom, Margined	<i>Noturus insignis</i>		ON QC	May 2002
	Plaice, American	<i>Hippoglossoides platessoides</i>	Arctic population	Arctic Ocean	April 2009
☀	Prickleback, Blackline	<i>Acantholumpenus mackayi</i>		Arctic Ocean	May 2003
	Salmon, Atlantic	<i>Salmo salar</i>	Nunavik population	QC NL Atlantic Ocean	November 2010
☀	Sculpin, Fourhorn	<i>Myoxocephalus quadricornis</i>	Freshwater form	NT NU NL	November 2003
	Sculpin, Spinynose	<i>Asemichthys taylori</i>		Pacific Ocean	April 1997
	Shark, Blue	<i>Prionace glauca</i>	Pacific population	Pacific Ocean	April 2006
	Shark, Brown Cat	<i>Apristurus brunneus</i>		Pacific Ocean	April 2007
	Shark, White	<i>Carcharodon carcharias</i>	Pacific population	Pacific Ocean	April 2006
	Skate, Smooth	<i>Malacoraja senta</i>	Hopedale Channel population	NL Atlantic Ocean	May 2012
	Skate, Smooth	<i>Malacoraja senta</i>	Nose of the Grand Bank population	NL Atlantic Ocean	May 2012
	Skate, Winter	<i>Leucoraja ocellata</i>	Northern Gulf-Newfoundland population	Atlantic Ocean	May 2005
	Smelt, Longfin	<i>Spirinchus thaleichthys</i>	Pygmy populations	BC	November 2004
☀	Sunfish, Redbreast	<i>Lepomis auritus</i>		NB	April 2008

DATA DEFICIENT CATEGORY (56)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
	Trout, Bull	<i>Salvelinus confluentus</i>	Upper Yukon Watershed populations	YT BC	November 2012
↔	Whitefish, Lake	<i>Coregonus clupeaformis</i>	Mira River population	NS	November 2000
☀	Whitefish, Lake	<i>Coregonus clupeaformis</i>	Lake Simcoe population	ON	May 2005
☀	Wolffish, Bering	<i>Anarhichas orientalis</i>		Arctic Ocean	November 2002
<b>Arthropods (3)</b>					
	Clubtail, Riverine	<i>Stylurus amnicola</i>	Boreal population	QC	November 2012
	Clubtail, Riverine	<i>Stylurus amnicola</i>	Prairie population	MB	November 2012
	Flower Gem, Dark-banded	<i>Melaporphyria immortua</i>		AB SK MB	May 2005
<b>Molluscs (5)</b>					
	Capshell, Rocky Mountain	<i>Acroloxus coloradensis</i>	Eastern population	ON QC	November 2001
	Duskysnail, Squat	<i>Lyogyrus granum</i>		NB NS	November 2003
	Fieldslug, Evening	<i>Deroceras hesperium</i>		BC	November 2003
☀	Physa, Lake Winnipeg	<i>Physa</i> sp.		MB	November 2012
	Snail, Gatineau Tadpole	<i>Physella parkeri latchfordi</i>		QC	April 1997
<b>Vascular Plants (4)</b>					
	Barley, Little	<i>Hordeum pusillum</i>		AB	April 1993
	Goldenweed, Rabbit-brush	<i>Ericameria bloomeri</i>		BC	April 1997
	Pinweed, Impoverished	<i>Lechea intermedia</i> var. <i>depauperata</i>		SK	April 1997
	Whitlow-grass, Long-stalked	<i>Draba juvenilis</i>		AB	April 1992
<b>Mosses (1)</b>					
	Moss, Schleicher's Silk	<i>Entodon schleicheri</i>		NT BC AB	May 2005

DATA DEFICIENT CATEGORY (56)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Lichens (3)					
	Lichen, Flexuous Golden Stubble	<i>Chaenotheca servitii</i>		NS	November 2002
	Lichen, Frosted Glass-whiskers	<i>Sclerophora peronella</i>	British Columbia population	BC	May 2005
	Lichen, Red Oak Stubble	<i>Phaeocalicium minutissimum</i>		QC NB	November 2002

## RECORD OF REVIEWS OF CLASSIFICATION

A short history is provided for each wildlife species that has been reassessed by COSEWIC, including date(s) of assessment and the status assigned.

### **Acadian Flycatcher**

Designated Endangered in April 1994. Status re-examined and confirmed in November 2000 and April 2010.

### **Allegheny Mountain Dusky Salamander**

The species was considered a single unit and designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Split into two populations in April 2007. The original designation was de-activated.

### **Allegheny Mountain Dusky Salamander (Carolinian population)**

The species was considered a single unit and designated Special Concern in April 1998. Split into two populations in April 2007. The Carolinian population was designated Endangered in April 2007.

### **Allegheny Mountain Dusky Salamander (Great Lakes / St. Lawrence population)**

The species was considered a single unit and designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Split into two populations in April 2007. The Great Lakes / St. Lawrence population was designated Threatened in April 2007.

### **American Badger**

Designated Not at Risk in April 1979. The original Canada-wide designation was de-activated in May 2000 when the American Badger was split according to subspecies.

### **American Badger *jacksoni* subspecies**

The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000. The *jacksoni* subspecies was designated Endangered. Status re-examined and confirmed in November 2012.

### **American Badger *jeffersonii* subspecies**

The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000; the *jeffersonii* subspecies was designated Endangered. The *jeffersonii* subspecies was further split into two populations (Western and Eastern populations) in November 2012. The original designation was de-activated.

### **American Badger *jeffersonii* subspecies (Eastern population)**

The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000; the *jeffersonii* subspecies was designated Endangered. In November 2012, the *jeffersonii* subspecies was further split into two populations (Western and Eastern populations), and the Eastern population was designated Endangered.

### **American Badger *jeffersonii* subspecies (Western population)**

The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000; the *jeffersonii* subspecies was designated Endangered. In November 2012, the *jeffersonii* subspecies was further split into two populations (Western and Eastern populations), and the Western population was designated Endangered.

### **American Badger *taxus* subspecies**

The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000; the *taxus* subspecies was designated Not at Risk. Status re-examined and designated Special Concern in November 2012.

### **American Black Bear**

Designated Not at Risk in April 1998 and in April 1999.

### **American Chestnut**

Designated Threatened in April 1987. Status re-examined and designated Endangered in November 2004.

### **American Columbo**

Designated Special Concern in April 1993. Status re-examined and designated Endangered in April 2006.

## RECORD OF REVIEWS OF CLASSIFICATION

### **American Eel**

Designated Special Concern in April 2006. Status re-examined and designated Threatened in May 2012.

### **American Ginseng**

Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000.

### **American Marten (Newfoundland population)**

Designated Not at Risk in April 1979. Status re-examined and designated Threatened in April 1986. Status re-examined and designated Endangered in April 1996 and in May 2000. Status re-examined and designated Threatened in April 2007.

### **American Water-willow**

Designated Threatened in April 1984. Status re-examined and confirmed in May 2000.

### **American White Pelican**

Designated Threatened in April 1978. Status re-examined and designated Not at Risk in April 1987.

### **Ancient Murrelet**

Designated Special Concern in April 1993. Status re-examined and confirmed in November 2004.

### **Anticosti Aster**

Designated Threatened in April 1990. Status re-examined and confirmed in May 2000.

### **Athabasca Thrift**

Designated Threatened in April 1981. Status re-examined and designated Special Concern in April 1999. Status re-examined and confirmed in May 2002.

### **Atlantic Cod**

Designated Special Concern in April 1998. Split into four populations in May 2003. The original designation was de-activated.

#### **Atlantic Cod (Arctic Lakes population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Arctic population was designated Special Concern. When the Arctic population was further split into two populations (Arctic Lakes population and Arctic Marine population) in April 2010, the Arctic Lakes population was designated Special Concern, and the original Arctic population was de-activated.

#### **Atlantic Cod (Arctic Marine population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Arctic population was designated Special Concern. When the Arctic population was further split into two populations (Arctic Lakes population and Arctic Marine population) in April 2010, the Arctic Marine population was designated Data Deficient, and the original Arctic population was de-activated.

#### **Atlantic Cod (Arctic population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Arctic population was designated Special Concern. Further split into two populations (Arctic Lakes population and Arctic Marine population) in April 2010. The original Arctic population was de-activated.

#### **Atlantic Cod (Laurentian North population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Laurentian North population was designated Threatened. Status re-examined and designated Endangered in April 2010.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Atlantic Cod (Laurentian South population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Maritimes population was designated Special Concern. When the Maritimes population was further split into two populations (Laurentian South population and Southern population) in April 2010, the Laurentian South population was designated Endangered, and the original Maritimes population was de-activated.

### **Atlantic Cod (Maritimes population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Maritimes population was designated Special Concern. Further split into two populations (Laurentian South population and Southern population) in April 2010. The original Maritimes population was de-activated.

### **Atlantic Cod (Newfoundland and Labrador population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Newfoundland and Labrador population was designated Endangered. Status re-examined and confirmed in April 2010.

### **Atlantic Cod (Southern population)**

The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Maritimes population was designated Special Concern. When the Maritimes population was further split into two populations (Laurentian South population and Southern population) in April 2010, the Southern population was designated Endangered, and the original Maritimes population was de-activated.

### **Atlantic Salmon (Inner Bay of Fundy population)**

Designated Endangered in May 2001. Status re-examined and confirmed in April 2006 and November 2010.

### **Atlantic Salmon (Lake Ontario population)**

Last reported in 1898. Designated Extirpated in April 2006. Status re-examined and designated Extinct in November 2010.

### **Atlantic Walrus**

The Atlantic Walrus in Canada was originally treated by COSEWIC as two separate populations: Eastern Arctic population (Not at Risk in April 1987 and May 2000) and Northwest Atlantic population (Extirpated in April 1987 and May 2000). In April 2006, COSEWIC included both populations in a single designatable unit for Atlantic Walrus in Canada, and the species was designated Special Concern.

### **Atlantic Walrus (Eastern Arctic population)**

The Eastern Arctic population was designated Not at Risk in April 1987 and in May 2000. In April 2006, COSEWIC included the Eastern Arctic portion of the Atlantic Walrus as part of a single designatable unit for Atlantic Walrus in Canada. The original designation was de-activated.

### **Atlantic Walrus (Northwest Atlantic population)**

The Northwest Atlantic population was designated Extirpated in April 1987 and in May 2000. In April 2006, COSEWIC included the extirpated portion of the Atlantic Walrus as part of a single designatable unit for Atlantic Walrus in Canada. The original designation was de-activated.

### **Atlantic Whitefish**

Designated Endangered in April 1984. Status re-examined and confirmed in November 2000 and November 2010.

### **Atlantic Wolffish**

Designated Special Concern in November 2000. Status re-examined and confirmed in November 2012.

### **Aurora Trout**

Designated Endangered in April 1987. Status re-examined and confirmed in May 2000. Designation de-activated in May 2011 because it was concluded that this species is ineligible for assessment.

### **Baird's Sparrow**

Designated Threatened in April 1989. Status re-examined and designated Not at Risk in April 1996. Status re-examined and designated Special Concern in May 2012.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Banded Killifish (Newfoundland populations)**

Designated Special Concern in April 1989. Status re-examined and confirmed in May 2003.

### **Banff Longnose Dace**

Extinct since 1986. Designated Extinct in April 1987. Status re-examined and confirmed in May 2000.

### **Banff Springs Snail**

Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000 and April 2008.

### **Barn Owl**

The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The original designation for the Canadian range of the Barn Owl was de-activated.

### **Barn Owl (Eastern population)**

The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The Eastern population was designated Endangered. Status re-examined and confirmed in May 2000 and November 2010.

### **Barn Owl (Western population)**

The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The Western population was designated Special Concern. Status re-examined and confirmed in November 2001. Status re-examined and designated Threatened in November 2010.

### **Barren-ground Caribou (Dolphin and Union population)**

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island (Endangered), High Arctic (Endangered) and Low Arctic (Threatened) populations. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The Dolphin and Union population is comprised of a portion of the former "Low Arctic population", and it was designated Special Concern in May 2004.

### **Barrow's Goldeneye (Eastern population)**

Designated Special Concern in November 2000. Status re-examined and confirmed in May 2011.

### **Bashful Bulrush**

Designated Special Concern in April 1986. Status re-examined and designated Endangered in May 2000.

### **Bearded Owl-clover**

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000 and November 2011.

### **Bearded Seal**

Designated Not at Risk in April 1994. Species considered in April 2007 and placed in the Data Deficient category.

### **Behr's Hairstreak**

Designated Threatened in November 2000. Status re-examined and designated Endangered in May 2012.

### **Beluga Whale (Cumberland Sound population)**

The Southeast Baffin Island-Cumberland Sound population was designated Endangered in April 1990. In May 2004, the structure of the population was redefined: the Southeast Baffin Island animals (formerly part of the Southeast Baffin Island-Cumberland Sound population) were included as part of the Western Hudson Bay population. The newly defined "Cumberland Sound population" was designated Threatened in May 2004.

### **Beluga Whale (Eastern Beaufort Sea population)**

Designated Not at Risk in April 1985 and in May 2004.

### **Beluga Whale (Eastern High Arctic - Baffin Bay population)**

Designated Special Concern in April 1992. Status re-examined and confirmed in May 2004.

### **Beluga Whale (Eastern Hudson Bay population)**

Designated Threatened in April 1988. Status re-examined and designated Endangered in May 2004.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Beluga Whale (Southeast Baffin Island-Cumberland Sound population)**

Designated Endangered in April 1990. In May 2004, both the Southeast Baffin Island-Cumberland Sound population and the Western Hudson Bay population (original) were de-activated to denote transfer of the Southeast Baffin Island animals from the former population grouping to the latter. The two new populations are called: Cumberland Sound population and Western Hudson Bay population.

### **Beluga Whale (St. Lawrence Estuary population)**

Designated Endangered in April 1983. Status re-examined and confirmed in April 1997. Status re-examined and designated Threatened in May 2004.

### **Beluga Whale (Ungava Bay population)**

Designated Endangered in April 1988. Status re-examined and confirmed in May 2004.

### **Beluga Whale (Western Hudson Bay population)**

The Western Hudson Bay population (original) was designated Not at Risk in April 1993. In May 2004, the structure of the population was redefined: the Southeast Baffin Island animals (formerly part of the Southeast Baffin Island-Cumberland Sound population) were included as part of the Western Hudson Bay population. The Western Hudson Bay population was designated Special Concern in May 2004.

### **Beluga Whale (Western Hudson Bay population, original designation)**

Designated Not at Risk in April 1993. In May 2004, both the Southeast Baffin Island-Cumberland Sound population and the Western Hudson Bay population (original) were de-activated to denote transfer of the Southeast Baffin Island animals from the former population grouping to the latter. The two new populations are called: Cumberland Sound population and Western Hudson Bay population.

### **Bering Cisco**

Species considered in April 1990 and placed in the Data Deficient category. Re-examined in November 2004 and designated Special Concern.

### **Bering Wolffish**

Designated Special Concern in April 1989. Species considered in November 2002 and placed in the Data Deficient category.

### **Bicknell's Thrush**

Designated Special Concern in April 1999. Status re-examined and designated Threatened in November 2009.

### **Bigmouth Buffalo**

The species was considered a single unit and designated Special Concern in April 1989. Split into two populations in April 2008 to allow a separate designation of the Bigmouth Buffalo (Great Lakes - Upper St. Lawrence populations). Bigmouth Buffalo (Saskatchewan - Nelson River populations) was assessed in April 2009. The original designation was de-activated.

### **Bigmouth Buffalo (Great Lakes - Upper St. Lawrence populations)**

The species was considered a single unit and designated Special Concern in April 1989. Split into two populations in April 2008 to allow a separate designation of the Bigmouth Buffalo (Great Lakes - Upper St. Lawrence populations). The Bigmouth Buffalo (Great Lakes - Upper St. Lawrence populations) was designated Not at Risk in April 2008.

### **Bigmouth Buffalo (Saskatchewan - Nelson River populations)**

The species was considered a single unit and designated Special Concern in April 1989. Split into two populations in April 2008 to allow a separate designation of the Bigmouth Buffalo (Great Lakes - Upper St. Lawrence populations). The Bigmouth Buffalo (Saskatchewan - Nelson River populations) was not assessed in April 2008; it retained the Special Concern designation of the original Bigmouth Buffalo. The population was designated Special Concern in April 2009.

### **Bigmouth Shiner**

Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in November 2003.

### **Bird's-foot Violet**

Designated Threatened in April 1990. Status re-examined and designated Endangered in May 2002.



## RECORD OF REVIEWS OF CLASSIFICATION

### **Black Buffalo**

Designated Special Concern in April 1989. Species considered in April 2007 and placed in the Data Deficient category.

### **Black Redhorse**

Designated Threatened in April 1988. Status re-examined and confirmed in May 2005.

### **Black Tern**

Designated Not at Risk in April 1988 and in April 1996.

### **Black-footed Ferret**

Extirpated by 1974. Designated Extirpated in April 1978. Status re-examined and confirmed in May 2000 and in April 2009.

### **Black-tailed Prairie Dog**

Designated Special Concern in April 1978. Status re-examined and confirmed in April 1988, April 1999 and November 2000. Status re-examined and designated Threatened in November 2011.

### **Blackfin Cisco**

Designated Threatened in April 1988. Species considered in April 2007 and placed in the Data Deficient category.

### **Blackline Prickleback**

Designated Special Concern in April 1989. Species considered in May 2003 and placed in the Data Deficient category.

### **Blackstripe Topminnow**

Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001 and May 2012.

### **Blanchard's Cricket Frog**

Designated Endangered in April 1990. Status re-examined and confirmed in May 2001 and May 2011.

### **Blanding's Turtle (Nova Scotia population)**

Designated Threatened in April 1993. Status re-examined and designated Endangered in May 2005.

### **Blue Ash**

Designated Threatened in April 1983. Status re-examined and designated Special Concern in November 2000.

### **Blue Racer**

Designated Endangered in April 1991. Status re-examined and confirmed in May 2002 and May 2012.

### **Blue Walleye**

Extinct since 1965. Designated Extinct in April 1985. Status re-examined and confirmed in May 2000.

### **Blue Whale**

The species was considered a single unit and designated Special Concern in April 1983. In May 2002, the species was split into two populations: Blue Whale (Atlantic population) and Blue Whale (Pacific population). The Atlantic population and the Pacific populations were both designated Endangered in May 2002. The original designation for Blue Whale was de-activated.

### **Blue Whale (Atlantic population)**

The species was considered a single unit and designated Special Concern in April 1983. Split into two populations in May 2002. The Atlantic population was designated Endangered in May 2002. Status re-examined and confirmed in May 2012.

### **Blue Whale (Pacific population)**

The species was considered a single unit and designated Special Concern in April 1983. Split into two populations in May 2002. The Pacific population was designated Endangered in May 2002. Status re-examined and confirmed in May 2012.

### **Bluehearts**

Designated Threatened in April 1985. Status re-examined and designated Endangered in April 1998. Status re-examined and confirmed in May 2000 and November 2011.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Blunt-lobed Woodsia**

Designated Threatened in April 1994. Status re-examined and designated Endangered in May 2000. Status re-examined and designated Threatened in April 2007.

### **Bolander's Quillwort**

Designated Special Concern in April 1995. Status re-examined and designated Threatened in April 2006.

### **Bowhead Whale (Bering-Chukchi-Beaufort population)**

The "Eastern and Western Arctic populations" were given a single designation of Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow separate designations in April 1986. The Western Arctic population was designated Endangered in April 1986. The population was renamed to "Bering-Chukchi-Beaufort population" and designated Special Concern in May 2005. Status re-examined and confirmed in April 2009.

### **Bowhead Whale (Davis Strait-Baffin Bay population)**

The "Eastern and Western Arctic populations" were given a single designation of Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow separate designations in April 1986. The Eastern Arctic population was not re-evaluated in April 1986, but retained the Endangered status of the original "Eastern and Western Arctic populations". The Eastern Arctic population was further split into two populations (Hudson Bay-Foxe Basin population and Davis Strait-Baffin Bay population) in May 2005, and the Davis Strait-Baffin Bay population was designated Threatened. In April 2009, the Hudson Bay-Foxe Basin population and the Davis Strait-Baffin Bay population were considered a single unit (Eastern Canada-West Greenland population) and the original Davis Strait-Baffin Bay population was de-activated.

### **Bowhead Whale (Eastern and Western Arctic populations)**

Designated Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow a separate designation for the Western Arctic population in April 1986. The original designation was de-activated.

### **Bowhead Whale (Eastern Arctic population)**

The "Eastern and Western Arctic populations" were given a single designation of Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow separate designations in April 1986. Eastern Arctic population was not re-evaluated, but retained the Endangered status of the original "Eastern and Western Arctic populations". The Eastern Arctic population was further split into two populations (Hudson Bay-Foxe Basin population and Davis Strait-Baffin Bay population) in May 2005, and the original designation was de-activated.

### **Bowhead Whale (Eastern Canada-West Greenland population)**

The "Eastern and Western Arctic populations" were given a single designation of Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow separate designations in April 1986. The Eastern Arctic population was not re-evaluated in April 1986, but retained the Endangered status of the original "Eastern and Western Arctic populations". The Eastern Arctic population was further split into two populations (Hudson Bay-Foxe Basin population and Davis Strait-Baffin Bay population) in May 2005, and each was designated Threatened. In April 2009, the Hudson Bay-Foxe Basin population and the Davis Strait-Baffin Bay population were considered a single unit and this Eastern Canada-West Greenland population was designated Special Concern.

### **Bowhead Whale (Hudson Bay-Foxe Basin population)**

The "Eastern and Western Arctic populations" were given a single designation of Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow separate designations in April 1986. The Eastern Arctic population was not re-evaluated in April 1986, but retained the Endangered status of the original "Eastern and Western Arctic populations". The Eastern Arctic population was further split into two populations (Hudson Bay-Foxe Basin population and Davis Strait-Baffin Bay population) in May 2005, and the Hudson Bay-Foxe Basin population was designated Threatened. In April 2009, the Hudson Bay-Foxe Basin population and the Davis Strait-Baffin Bay population were considered a single unit (Eastern Canada-West Greenland population) and the original Hudson Bay-Foxe Basin population was de-activated.

### **Branched Bartonnia**

Designated Special Concern in April 1992. Status re-examined and designated Threatened in November 2003.

### **Bridle Shiner**

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001 and May 2013.

### **Brindled Madtom**

Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in May 2001.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Buffalograss**

Designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Status re-examined and designated Special Concern in November 2011.

### **Burrowing Owl**

Designated Threatened in April 1979. Status re-examined and confirmed in April 1991. Status re-examined and designated Endangered in April 1995. Status re-examined and confirmed in May 2000 and in April 2006.

### **Butler's Gartersnake**

Designated Special Concern in April 1999. Status re-examined and designated Threatened in November 2001. Status re-examined and designated Endangered in November 2010.

### **Canada Lynx**

Designated Not at Risk in April 1989 and in May 2001.

### **Caribou *dawsoni* subspecies**

Extinct by the 1920s. Designated Extinct in April 1984. Status re-examined and confirmed in May 2000.

### **Carmine Shiner**

Designated Special Concern in April 1994. Status re-examined and designated Threatened in November 2001 and in April 2006.

### **Caspian Tern**

Designated Special Concern in April 1978. Status re-examined and designated Not at Risk in April 1999.

### **Central Stoneroller**

Designated Special Concern in 1985. Status re-examined and designated Not at Risk in 1998.

### **Cerulean Warbler**

Designated Special Concern in April 1993. Status re-examined and confirmed in May 2003. Status re-examined and designated Endangered in November 2010.

### **Channel Darter**

Designated Threatened in April 1993. Status re-examined and confirmed in May 2002.

### **Chestnut Lamprey**

The species was considered a single unit and designated Special Concern in April 1991. Split into two populations in November 2010. The original designation was de-activated.

### **Chestnut Lamprey (Great Lakes - Upper St. Lawrence populations)**

The species was considered a single unit and designated Special Concern in April 1991. Split into two populations in November 2010. The "Great Lakes - Upper St. Lawrence populations" unit was considered in November 2010 and placed in the Data Deficient category.

### **Chestnut Lamprey (Saskatchewan - Nelson River populations)**

The species was considered a single unit and designated Special Concern in April 1991. Split into two populations in November 2010. The "Saskatchewan - Nelson River populations" unit was considered in November 2010 and placed in the Data Deficient category.

### **Chinook Salmon (Okanagan population)**

Designated Endangered in an emergency assessment on 4 May 2005. Status re-examined and designated Threatened in April 2006.

### **Chiselmouth**

Species considered in April 1997 and placed in the Data Deficient category. Re-examined in May 2003 and designated Not at Risk.

### **Climbing Prairie Rose**

Designated Special Concern in April 1986. Status re-examined and designated Threatened in May 2002. Status re-examined and designated Special Concern in May 2003.

### **Coastal Giant Salamander**

Designated Special Concern in April 1989. Status re-examined and designated Threatened in November 2000.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Coastal Tailed Frog**

Designated Special Concern in May 2000. Status re-examined and confirmed in November 2011.

### **Coastal Wood Fern**

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001.

### **Coastrange Sculpin (Cultus population)**

Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2000 and in April 2010.

### **Coeur d'Alene Salamander**

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001 and November 2007.

### **Colicroot**

Designated Threatened in April 1988. Status re-examined and confirmed in November 2000.

### **Columbia Sculpin**

Designated Special Concern in May 2000. Status re-examined and confirmed in November 2010.

### **Common Hoptree**

Designated Special Concern in April 1984. Status re-examined and designated Threatened in November 2002.

### **Cooper's Hawk**

Designated Special Concern in April 1983. Status re-examined and designated Not at Risk in April 1996.

### **Copper Redhorse**

Designated Threatened in April 1987. Status re-examined and designated Endangered in November 2004.

### **Cougar (Eastern population)**

Designated Endangered in April 1978. Species considered in April 1998 and placed in the Data Deficient category.

### **Crooked-stem Aster**

Designated Special Concern in April 1999. Status re-examined and designated Threatened in May 2002. Status re-examined and designated Special Concern in November 2012.

### **Cryptic Paw Lichen**

Designated Special Concern in April 1995 and in April 2006.

### **Cucumber Tree**

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999, May 2000, and April 2010.

### **Cusk**

Designated Threatened in May 2003. Status re-examined and designated Endangered in November 2012.

### **Darktail Lamprey**

Species considered in April 1990 and in April 2006 and placed in the Data Deficient category.

### **Deepwater Cisco**

Extinct since 1952. Designated Extinct in April 1988. Status re-examined and confirmed in May 2000.

### **Deepwater Sculpin (Great Lakes - Western St. Lawrence populations)**

The "Great Lakes - Western St. Lawrence populations" unit (which includes the former "Great Lakes populations" unit, designated Threatened in April 1987) was designated Special Concern in April 2006.

### **Deepwater Sculpin (Great Lakes populations)**

Designated Threatened in April 1987. The designation of the Great Lakes populations unit was de-activated in April 2006. The former Great Lakes populations unit is contained within the Great Lakes - Western St. Lawrence populations unit.

### **Deerberry**

Designated Threatened in April 1994. Status re-examined and confirmed in November 2000.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Deltoid Balsamroot**

Designated in April 1996 as Endangered. Status re-examined and confirmed Endangered in May 2000 and in April 2009.

### **Dense Blazing Star**

Designated Special Concern in April 1988. Status re-examined and designated Threatened in May 2001. Status re-examined and confirmed in April 2010.

### **Desert Nightsnake**

Designated Endangered in May 2001 and May 2011.

### **Drooping Trillium**

Designated Endangered in April 1996. Status re-assessed and confirmed in May 2000 and in April 2009.

### **Dun Skipper *vestris* subspecies**

Designated Threatened in November 2000. Status re-examined and confirmed in May 2013.

### **Dwarf Hackberry**

Designated Special Concern in April 1985. Status re-examined and designated Threatened in November 2003.

### **Dwarf Lake Iris**

Designated Threatened in November 2004. Status re-examined and designated Special Concern in November 2010.

### **Dwarf Wedgemussel**

Extirpated by 1968. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000 and November 2009.

### **Dwarf Woolly-heads (Southern Mountain population)**

Designated Endangered in November 2003. Renamed Dwarf Woolly-heads (Southern Mountain population) in April 2006 and designated Endangered.

### **Eastern Bluebird**

Designated Special Concern in April 1984. Status re-examined and designated Not at Risk in April 1996.

### **Eastern Foxsnake**

The species was considered a single unit and designated Threatened in April 1999 and May 2000. Split into two populations in April 2008. The original designation was de-activated.

### **Eastern Foxsnake (Carolinian population)**

The species was considered a single unit and designated Threatened in April 1999 and May 2000. Split into two populations in April 2008. The Carolinian population was designated Endangered in April 2008.

### **Eastern Foxsnake (Great Lakes / St. Lawrence population)**

The species was considered a single unit and designated Threatened in April 1999 and May 2000. Split into two populations in April 2008. The Great Lakes / St. Lawrence population was designated Endangered in April 2008.

### **Eastern Hog-nosed Snake**

Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2001 and November 2007.

### **Eastern Lilaeopsis**

Designated Special Concern in April 1987 and in May 2004.

### **Eastern Mole**

Designated Special Concern in April 1980. Status re-examined and confirmed in April 1998, November 2000, and November 2010.

### **Eastern Mountain Avens**

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999, May 2000, and April 2010.

### **Eastern Musk Turtle**

Designated Threatened in May 2002. Status re-examined and designated Special Concern in November 2012.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Eastern Prairie Fringed-orchid**

Designated Special Concern in April 1986. Status re-examined and designated Endangered in May 2003.

### **Eastern Prickly Pear Cactus**

Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998, May 2000, and April 2010.

### **Eastern Ribbonsnake (Atlantic population)**

Designated Threatened in May 2002. Status re-examined and confirmed in November 2012.

### **Eastern Ribbonsnake (Great Lakes population)**

Designated Special Concern in May 2002. Status re-examined and confirmed in November 2012.

### **Eastern Sand Darter**

The species was considered a single unit and designated Threatened in April 1994 and November 2000. Split into two populations in November 2009. The original designation was de-activated.

### **Eastern Sand Darter (Ontario populations)**

The species was considered a single unit and designated Threatened in April 1994 and November 2000. When the species was split into separate units in November 2009, the "Ontario populations" unit was designated Threatened.

### **Eastern Sand Darter (Quebec populations)**

The species was considered a single unit and designated Threatened in April 1994 and November 2000. When the species was split into separate units in November 2009, the "Quebec populations" unit was designated Threatened.

### **Eastern Tiger Salamander**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations : Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with different populations that received separate designations. The original Tiger Salamander population designations were de-activated.

### **Eastern Tiger Salamander (Carolinian population)**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations: Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with two different populations that received separate designations. The Carolinian population of the Eastern Tiger Salamander was assessed as Extirpated.

### **Eastern Wolf**

Species considered in April 1999 and placed in the Data Deficient category. Re-examined in May 2001 and designated Special Concern.

### **Eastern Yellow-bellied Racer**

Designated Special Concern in April 1991. Status re-examined and designated Threatened in November 2004.

### **Eelgrass Limpet**

Extinct since 1929. Designated Extinct in April 1996. Status re-examined and confirmed in May 2000.

### **Engelmann's Quillwort**

Designated Endangered in April 1992. Status re-examined and confirmed in May 2001.

### **Enos Lake Benthic Threespine Stickleback**

Original designation (including both Benthic and Limnetic species) was Threatened in April 1988. Split into two species when re-examined in November 2002 and the Enos Lake Benthic Threespine Stickleback was designated Endangered. Status re-examined and confirmed in May 2012.

### **Enos Lake Limnetic Threespine Stickleback**

Original designation (including both Benthic and Limnetic species) was Threatened in April 1988. Split into two species when re-examined in November 2002 and the Enos Lake Limnetic Threespine Stickleback was designated Endangered. Status re-examined and confirmed in May 2012.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Enos Lake Threespine Sticklebacks**

Designated Threatened in April 1988. Split into two species when re-examined in November 2002: Enos Lake Benthic Threespine Stickleback and Enos Lake Limnetic Threespine Stickleback. The original designation was de-activated.

### **Ermine *haidarum* subspecies**

Designated Special Concern in April 1984. Status re-examined and designated Threatened in May 2001.

### **Eskimo Curlew**

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in May 2000 and November 2009.

### **Eulachon (Nass / Skeena Rivers population)**

Designated Threatened in May 2011. Status re-examined and designated Special Concern in May 2013.

### **False Hop Sedge**

Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000 and November 2011.

### **False Rue-anemone**

Designated Special Concern in April 1990. Status re-examined and designated Threatened in May 2005.

### **Fernald's Braya**

Designated Threatened in April 1997. Status re-examined and confirmed in May 2000. Status re-examined and designated Endangered in November 2012.

### **Fernald's Milk-vetch**

Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001.

### **Ferruginous Hawk**

Designated Threatened in April 1980. Status re-examined and designated Special Concern in April 1995. Status re-examined and designated Threatened in April 2008.

### **Fin Whale**

The species was considered a single unit and designated Special Concern in April 1987. Split into two populations in May 2005. The original designation was de-activated.

### **Fin Whale (Atlantic population)**

The species was considered a single unit and designated Special Concern in April 1987. Split into two populations (Atlantic and Pacific) in May 2005. The Atlantic population was designated Special Concern in May 2005.

### **Fin Whale (Pacific population)**

The species was considered a single unit and designated Special Concern in April 1987. Split into two populations (Atlantic and Pacific) in May 2005. The Pacific population was designated Threatened in May 2005.

### **Five-lined Skink**

The species was considered a single unit and designated Special Concern in April 1998. Split into two populations in April 2007. The designation was de-activated in April 2007.

### **Five-lined Skink (Carolinian population)**

The species was considered a single unit and designated Special Concern in April 1998. Split into two populations in April 2007. The Carolinian population was designated Endangered in April 2007.

### **Five-lined Skink (Great Lakes / St. Lawrence population)**

The species was considered a single unit and designated Special Concern in April 1998. Split into two populations in April 2007. The Great Lakes / St. Lawrence population was designated Special Concern in April 2007.

### **Five-spotted Bogus Yucca Moth**

Designated Endangered in April 2006. Status re-examined and confirmed in May 2013.

### **Flammulated Owl**

Designated Special Concern in April 1988. Status re-examined and confirmed Special Concern in April 1999, November 2001, and April 2010.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Flathead Catfish**

Species considered in April 1993 and placed in the Data Deficient category. Category re-examined and confirmed in April 2008.

### **Fourhorn Sculpin (Freshwater form)**

Designated Special Concern in April 1989. Species considered in November 2003 and placed in the Data Deficient category.

### **Fowler's Toad**

Designated Special Concern in April 1986. Status re-examined and designated Threatened in April 1999. Status re-examined and confirmed in November 2000. Status re-examined and designated Endangered in April 2010.

### **Fringed Bat**

Designated Special Concern in April 1988. Species considered in May 2004 and placed in the Data Deficient category.

### **Frosted Elfin**

Extirpated by 1988. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000 and in April 2010.

### **Furbish's Lousewort**

Designated Endangered in April 1980. Status re-examined and confirmed Endangered in April 1998, May 2000, and May 2011.

### **Gaspé Shrew**

Designated Special Concern in April 1988. Status re-examined and designated Not at Risk in April 2006.

### **Gattinger's Agalinis**

Designated Endangered in April 1988. Status re-examined and confirmed in April 1999 and in May 2001.

### **Ghost Antler Lichen**

Designated Special Concern in April 2006. Status re-examined and designated Not at Risk in November 2011.

### **Giant Helleborine**

Designated Threatened in April 1984. Status re-examined and designated Special Concern in April 1998.

### **Golden Eagle**

Designated Not at Risk in April 1987 and in April 1996.

### **Golden Paintbrush**

Designated Threatened in April 1995. Status re-examined and designated Endangered in May 2000 and in November 2007.

### **Goldencrest**

Designated Threatened in April 1987. Status re-examined and confirmed in April 1999 and in May 2000. Status re-examined and designated Special Concern in May 2012.

### **Goldenseal**

Designated Threatened in April 1991. Status re-examined and confirmed in May 2000.

### **Gravel Chub**

Last recorded in Thames River drainage, Ontario in 1958. Designated Endangered in April 1985. Status re-examined and designated Extirpated in April 1987. Status re-examined and confirmed in May 2000 and April 2008.

### **Gray Ratsnake**

The species was considered a single unit and designated Threatened in April 1998 and in May 2000. Split into two populations in April 2007. The original designation was de-activated in April 2007.

### **Gray Ratsnake (Carolinian population)**

The species was considered a single unit and designated Threatened in April 1998 and in May 2000. Split into two populations in April 2007. The Carolinian population was designated Endangered in April 2007.



## RECORD OF REVIEWS OF CLASSIFICATION

### **Gray Ratsnake (Great Lakes / St. Lawrence population)**

The species was considered a single unit and designated Threatened in April 1998 and in May 2000. Split into two populations in April 2007. The Great Lakes / St. Lawrence population was designated Threatened in April 2007.

### **Great Auk**

Believed to be Extinct since 1844. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000.

### **Great Basin Gophersnake**

Designated Threatened in May 2002. Status re-examined and confirmed in May 2013.

### **Great Basin Spadefoot**

Designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001 and in April 2007.

### **Great Blue Heron *fannini* subspecies**

Designated Special Concern in April 1997 and April 2008.

### **Great Grey Owl**

Designated Special Concern in April 1979. Status re-examined and confirmed in April 1990. Status re-examined and designated Not at Risk in April 1996.

### **Great Plains Toad**

Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002 and April 2010.

### **Greater Prairie-Chicken**

Last reported in 1987. Designated Endangered in April 1978. Status re-examined and designated Extirpated in April 1990. Status re-examined and confirmed in May 2000 and in November 2009.

### **Greater Sage-Grouse *phaeos* subspecies**

Has not been reported since the 1960s. Designated Extirpated in April 1997. Status re-examined and confirmed in May 2000 and April 2008.

### **Greater Sage-Grouse *urophasianus* subspecies**

Given conditional designation of Threatened in April 1997. Status re-examined and designated Endangered in April 1998 based on a revised status report. Status re-examined and confirmed in May 2000 and April 2008.

### **Greater Short-horned Lizard**

Designated Special Concern in April 1992. Status re-examined and designated Endangered in April 2007.

### **Green Sturgeon**

Designated Special Concern in April 1987. Status re-examined and confirmed in November 2004.

### **Greenside Darter**

Designated Special Concern in April 1990. Status re-examined and designated Not at Risk in November 2006.

### **Grey Fox**

Designated Special Concern in April 1979. Status re-examined and designated Threatened in May 2002.

### **Grey Whale (Atlantic population)**

Extirpated before the end of the 1800s. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000 and November 2009.

### **Grey Whale (Eastern North Pacific population)**

Designated Not at Risk in April 1987. Status re-examined and designated Special Concern in May 2004.

### **Grizzly Bear**

The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The original designation for "Grizzly Bear" across Canada was de-activated. In May 2012, the entire species was re-examined and split into two populations (Western and Ungava populations).

## RECORD OF REVIEWS OF CLASSIFICATION

### **Grizzly Bear (Northwestern population)**

The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The Northwestern population was designated Special Concern in April 1991. Status was re-examined and confirmed in May 2002. In May 2012, the entire species was re-examined and the Prairie and Northwestern populations were considered a single unit (Western population). The original Northwestern population was de-activated.

### **Grizzly Bear (Prairie population)**

The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The Prairie population was designated Extirpated in April 1991. Status re-examined and confirmed in May 2000 and in May 2002. In May 2012, the entire species was re-examined and the Prairie and Northwestern populations were considered a single unit (Western population). The original Prairie population was de-activated.

### **Grizzly Bear (Ungava population)**

The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). In May 2012, the entire species was re-examined and split into two populations (Western and Ungava populations). The newly-defined Ungava population was designated Extinct in May 2012.

### **Grizzly Bear (Western population)**

The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The Prairie population was designated Extirpated in April 1991. Status re-examined and confirmed in May 2000 and in May 2002. The Northwestern population was designated Special Concern in April 1991 and confirmed in May 2002. In May 2012, the entire species was re-examined and the Prairie and Northwestern populations were considered a single unit. This newly-defined Western population was designated Special Concern in May 2012.

### **Gulf of St. Lawrence Aster**

Designated Special Concern in April 1989. Status re-examined and designated Threatened in May 2004.

### **Gyr Falcon**

Designated Not at Risk in April 1978 and in April 1987.

### **Hadley Lake Benthic Threespine Stickleback**

Extinct in 1999. Designated Extinct in April 1999. Status re-examined and confirmed in May 2000.

### **Hadley Lake Limnetic Threespine Stickleback**

Extinct in 1999. Designated Extinct in April 1999. Status re-examined and confirmed in May 2000.

### **Hairy Prairie-clover**

Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Status re-examined and designated Special Concern in November 2011.

### **Haller's Apple Moss**

Designated Threatened in November 2001. Status re-examined and confirmed in November 2011.

### **Harbour Porpoise (Northwest Atlantic population)**

The Northwest Atlantic population was designated Threatened in April 1990 and in April 1991. Status re-examined and designated Special Concern in May 2003 and in April 2006.

### **Harbour Porpoise (Pacific Ocean population)**

Species considered in April 1991 and placed in the Data Deficient category. Re-examined in November 2003 and designated Special Concern.

### **Harbour Seal Atlantic and Eastern Arctic subspecies**

Species considered in April 1999 and placed in the Data Deficient category. Re-examined in November 2007 and designated Not at Risk.

### **Harbour Seal Lacs des Loups Marins subspecies**

Designated Special Concern in April 1996. Status re-examined and designated Endangered in November 2007.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Harlequin Duck (Eastern population)**

The Eastern population was designated Endangered in April 1990. Status re-examined and designated Special Concern in May 2001.

### **Heart-leaved Plantain**

Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998, May 2000, and November 2011.

### **Henslow's Sparrow**

Designated Threatened in April 1984. Status re-examined and designated Endangered in April 1993. Status re-examined and confirmed in November 2000 and May 2011.

### **Hill's Pondweed**

Designated Special Concern in April 1986. Status re-examined and confirmed in May 2005.

### **Hoary Mountain-mint**

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998, May 2000, and November 2011.

### **Hooded Warbler**

Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Status re-examined and designated Not at Risk in May 2012.

### **Hotwater Physa**

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000 and April 2008.

### **Humpback Whale (North Pacific population)**

The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). The North Pacific population designated Threatened in 1985. Status re-examined and confirmed in May 2003. Status re-examined and designated Special Concern in May 2011.

### **Humpback Whale (Western North Atlantic and North Pacific populations)**

The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). The original designation was de-activated.

### **Humpback Whale (Western North Atlantic population)**

The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). Western North Atlantic population designated Special Concern in April 1985. Status re-examined and designated Not at Risk in May 2003.

### **Illinois Tick-trefoil**

No site records since 1888. Designated Extirpated in April 1991. Status re-examined and confirmed in May 2000.

### **Incurved Grizzled Moss**

Designated Extirpated in November 2002. Status re-examined and confirmed in May 2012.

### **Island Blue**

Designated Endangered in November 2000. Status re-examined and confirmed in May 2012.

### **Island Marble**

Extirpated by 1910. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000 and in April 2010.

### **Ivory Gull**

Designated Special Concern in April 1979. Status re-examined and confirmed in April 1996 and in November 2001. Status re-examined and designated Endangered in April 2006.

### **Jefferson Salamander**

Designated Threatened in November 2000. Status re-examined and designated Endangered in November 2010.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Juniper Sedge**

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000.

### **Karner Blue**

Has not been observed since 1991. Designated Extirpated in April 1997. Status re-examined and confirmed in May 2000 and April 2010.

### **Keen's Long-eared Bat**

Designated Special Concern in April 1988. Species considered in November 2003 and placed in the Data Deficient category.

### **Kentucky Coffee-tree**

Designated Threatened in April 1983. Status re-examined and confirmed in November 2000.

### **Kidneyshell**

Designated Endangered in May 2003. Status re-examined and confirmed in May 2013.

### **Killer Whale (North Pacific resident populations)**

Designated Threatened in April 1999. The designation of the Killer Whale (North Pacific resident populations) was de-activated in November 2001 when it was split into three populations: Killer Whale (Northern resident population), Killer Whale (Southern resident population) and Killer Whale (Offshore population).

### **Killer Whale (Northeast Pacific northern resident population)**

The "North Pacific resident populations" were given a single designation of Threatened in April 1999. Split into three populations in November 2001. The Northeast Pacific northern resident population was designated Threatened in November 2001. Status re-examined and confirmed in November 2008.

### **Killer Whale (Northeast Pacific offshore population)**

The "North Pacific resident populations" were given a single designation of Threatened in April 1999. Split into three populations in November 2001. The Northeast Pacific offshore population was designated Special Concern in November 2001. Status re-examined and designated Threatened in November 2008.

### **Killer Whale (Northeast Pacific southern resident population)**

The "North Pacific resident populations" were given a single designation of Threatened in April 1999. Split into three populations in November 2001. The Northeast Pacific southern resident population was designated Endangered in November 2001. Status re-examined and confirmed in November 2008.

### **Killer Whale (Northeast Pacific transient population)**

Designated Special Concern in April 1999. Status re-examined and designated Threatened in November 2001 and in November 2008.

### **Killer Whale (Northwest Atlantic / Eastern Arctic population)**

Species considered in April 1999 and in November 2001, and placed in the Data Deficient category. Re-examined in November 2008 and designated Special Concern.

### **King Rail**

Designated Special Concern in April 1985. Status re-examined and designated Endangered in April 1994. Status re-examined and confirmed in November 2000 and in May 2011.

### **Kirtland's Warbler**

Designated Endangered in April 1979. Status re-examined and confirmed in April 1999, May 2000, and April 2008.

### **Kiyi**

The species was designated Special Concern in April 1988. Split into two subspecies (Upper Great Lakes Kiyi and Lake Ontario Kiyi) in May 2005. The original designation was de-activated.

### **Labrador Duck**

Believed to be Extinct since 1875. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000.

### **Lake Chubsucker**

Designated Special Concern in April 1994. Status re-examined and designated Threatened in November 2001. Status re-examined and designated Endangered in November 2008.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Lake Erie Watersnake**

Designated Endangered in April 1991 and in April 2006.

### **Lake Ontario Kiyi**

The species was designated Special Concern in April 1988. Split into two subspecies (Upper Great Lakes Kiyi and Lake Ontario Kiyi) in May 2005. The Lake Ontario Kiyi was designated Extinct.

### **Lake Sturgeon**

Designated Not at Risk in April 1986. The original designation was de-activated in May 2005 to allow designation of separate populations.

#### **Lake Sturgeon (Great Lakes - Upper St. Lawrence populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Great Lakes - Upper St. Lawrence populations" unit was designated Special Concern. Status re-examined and designated Threatened in November 2006.

#### **Lake Sturgeon (Lake of the Woods - Rainy River populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Lake of the Woods - Rainy River populations" unit was designated Special Concern. Status re-examined and confirmed in November 2006.

#### **Lake Sturgeon (Nelson River populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the "Nelson River populations" unit was designated Endangered.

#### **Lake Sturgeon (Red-Assiniboine Rivers - Lake Winnipeg populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the "Red-Assiniboine Rivers - Lake Winnipeg populations" unit was designated Endangered.

#### **Lake Sturgeon (Saskatchewan River populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the "Saskatchewan River populations" unit was designated Endangered.

#### **Lake Sturgeon (Southern Hudson Bay - James Bay populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Southern Hudson Bay - James Bay populations" unit was designated Special Concern. Status re-examined and confirmed in November 2006.

#### **Lake Sturgeon (Western Hudson Bay populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the "Western Hudson Bay populations" unit was designated Endangered.

#### **Lake Sturgeon (Western populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the original Western populations unit was de-activated.

#### **Lake Sturgeon (Winnipeg River - English River populations)**

The species was considered a single unit and designated Not at Risk in April 1986. When the species was split into separate units in May 2005, the "Western populations" unit was designated Endangered. In November 2006, when the Western populations unit was split into five separate populations, the "Winnipeg River - English River populations" unit was designated Endangered.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Lake Whitefish (Lake Simcoe population)**

Designated Threatened in April 1987. Species considered in May 2005 and placed in the Data Deficient category.

### **Lake Whitefish (Mira River population)**

Species considered in April 1999 and in November 2000, and placed in the Data Deficient category.

### **Lake Winnipeg Physa**

Designated Endangered in November 2002. Species considered in November 2012 and placed in the Data Deficient category.

### **Large Whorled Pogonia**

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998, May 2000, and November 2011.

### **Least Bittern**

Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999. Status re-examined and designated Threatened in November 2001 and in April 2009.

### **Leatherback Sea Turtle**

The species was considered a single unit and designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The original designation was de-activated.

### **Leatherback Sea Turtle (Atlantic population)**

The species was considered a single unit and designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The Atlantic population was designated Endangered in May 2012.

### **Leatherback Sea Turtle (Pacific population)**

The species was considered a single unit and designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The Pacific population was designated Endangered in May 2012.

### **Lewis's Woodpecker**

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Status re-examined and designated Threatened in April 2010.

### **Loggerhead Shrike**

The species was considered a single unit and designated Threatened in April 1986. The *excubitorides* and the *migrans* subspecies were designated separately in April 1991, and the original designation was de-activated.

### **Loggerhead Shrike *excubitorides* subspecies**

The species was considered a single unit and designated Threatened in April 1986. Split according to subspecies in April 1991. The *excubitorides* subspecies retained the original Threatened designation from April 1986. Status re-examined and confirmed in May 2004.

### **Loggerhead Shrike *migrans* subspecies**

The species was considered a single unit and designated Threatened in April 1986. Split according to subspecies in April 1991. The *migrans* subspecies was designated Endangered in April 1991. Status re-examined and confirmed in November 2000.

### **Long's Braya**

Designated Endangered in April 1997. Status re-examined and confirmed in May 2000 and May 2011.

### **Long-billed Curlew**

Designated Special Concern in April 1992. Status re-examined and confirmed in November 2002 and May 2011.

### **Longjaw Cisco**

Extinct since 1975. Designated Extinct in April 1985. Status re-examined and confirmed in May 2000. Designation de-activated in May 2002 because it was concluded that this species is a synonym of the Shortjaw Cisco, *Coregonus zenithicus*, which was designated Threatened in 1987.

### **Louisiana Waterthrush**

Designated Special Concern in April 1991. Status re-examined and confirmed in April 1996 and in April 2006.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Lyall's Mariposa Lily**

Designated Threatened in May 2001. Status re-examined and designated Special Concern in May 2011.

### **Mackenzie Hairgrass**

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001.

### **Macoun's Meadowfoam**

Designated Special Concern in April 1988. Status re-examined and designated Threatened in November 2004.

### **Marbled Murrelet**

Designated Threatened in April 1990. Status re-examined and confirmed in November 2000 and May 2012.

### **Margined Madtom**

Designated Threatened in April 1989. Species considered in May 2002 and placed in the Data Deficient category.

### **Margined Streamside Moss**

Designated Endangered in November 2002. Status re-examined and confirmed in May 2012.

### **Maritime Ringlet**

Designated Endangered in April 1997. Status re-examined and confirmed in May 2000 and in April 2009.

### **Massasauga**

The species was considered a single unit and designated Threatened in April 1991. Status re-examined and confirmed in November 2002. Split into two populations in November 2012. The original designation was de-activated.

#### **Massasauga (Carolinian population)**

The species was considered a single unit and designated Threatened in April 1991. Status re-examined and confirmed in November 2002. Split into two populations in November 2012. The Carolinian population was designated Endangered in November 2012.

#### **Massasauga (Great Lakes / St. Lawrence population)**

The species was considered a single unit and designated Threatened in April 1991. Status re-examined and confirmed in November 2002. Split into two populations in November 2012. The Great Lakes / St. Lawrence population was designated Threatened in November 2012.

### **Mexican Mosquito-fern**

Designated Threatened in April 1984. Status re-examined and confirmed in April 1998, May 2000, and November 2008.

### **Monarch**

Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001 and in April 2010.

### **Mountain Beaver**

Designated Not at Risk in April 1984. Status re-examined and designated Special Concern in April 1999. Status re-examined and confirmed in November 2001 and May 2012.

### **Mountain Plover**

Designated Endangered in April 1987. Status re-examined and confirmed November 2000 and in November 2009.

### **Mountain Sucker**

The species was considered a single unit and designated Not at Risk in April 1991. Split into three populations in November 2010. The original designation was de-activated.

#### **Mountain Sucker (Milk River populations)**

The species was considered a single unit and designated Not at Risk in April 1991. Split into three populations in November 2010. The "Milk River populations" unit was designated Threatened in November 2010.

#### **Mountain Sucker (Pacific populations)**

The species was considered a single unit and designated Not at Risk in April 1991. Split into three populations in November 2010. The "Pacific populations" unit was designated Special Concern in November 2010.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Mountain Sucker (Saskatchewan - Nelson River populations)**

The species was considered a single unit and designated Not at Risk in April 1991. Split into three populations in November 2010. The "Saskatchewan - Nelson River populations" unit was designated Not at Risk in November 2010.

### **Narwhal**

Designated Not at Risk in April 1986 and in April 1987. Status re-examined and designated Special Concern in November 2004.

### **New Jersey Rush**

Designated Special Concern in April 1992. Status re-examined and confirmed in May 2004.

### **Nodding Pogonia**

Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000 and November 2010.

### **Non-pollinating Yucca Moth**

Designated Endangered in April 2006. Status re-examined and confirmed in May 2013.

### **Nooksack Dace**

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and April 2007.

### **North Atlantic Right Whale**

The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003 to allow a separate designation of the North Atlantic Right Whale. North Atlantic Right Whale was designated Endangered in May 2003.

### **North Pacific Right Whale**

The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003. North Pacific Right Whale was not re-evaluated in May 2003; it retained the Endangered status of the original Right Whale. Status re-examined and confirmed Endangered in November 2004.

### **Northern Abalone**

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Status re-examined and designated Endangered in April 2009.

### **Northern Bobwhite**

Designated Endangered in April 1994. Status re-examined and confirmed in November 2003 and May 2013.

### **Northern Bottlenose Whale**

The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Northern Bottlenose Whale (Davis Strait-Baffin Bay-Labrador Sea population) was not re-evaluated, but retains the Not at Risk designation of the original Northern Bottlenose Whale, and the latter was de-activated.

### **Northern Bottlenose Whale (Davis Strait-Baffin Bay-Labrador Sea population)**

The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). The Davis Strait-Baffin Bay-Labrador Sea population was not assessed in 1996; it retained the Not at Risk designation of the original Northern Bottlenose Whale. The population was designated Special Concern in May 2011.

### **Northern Bottlenose Whale (Scotian Shelf population)**

The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Scotian Shelf population designated Special Concern in April 1996. Status re-examined and designated Endangered in November 2002 and in May 2011.

### **Northern Brook Lamprey**

The species was considered a single unit and designated Special Concern in April 1991. Split into two populations in April 2007. The original designation was de-activated.



## RECORD OF REVIEWS OF CLASSIFICATION

### **Northern Brook Lamprey (Great Lakes - Upper St. Lawrence populations)**

The species was considered a single unit and designated Special Concern in April 1991. When the species was split into separate units in April 2007, the "Great Lakes - Upper St Lawrence populations" unit was designated Special Concern.

### **Northern Brook Lamprey (Saskatchewan - Nelson population)**

The species was considered a single unit and designated Special Concern in April 1991. When the species was split into separate units in April 2007, the "Saskatchewan-Nelson population" unit was designated Data Deficient.

### **Northern Dusky Salamander**

The species was considered a single unit and designated Not at Risk in April 1999. Split into two populations in May 2012. The original designation was de-activated.

### **Northern Dusky Salamander (Carolinian population)**

The species was considered a single unit and designated Not at Risk in April 1999. Split into two populations in May 2012. The Carolinian population was designated Endangered in May 2012.

### **Northern Dusky Salamander (Quebec / New Brunswick population)**

The species was considered a single unit and designated Not at Risk in April 1999. Split into two populations in May 2012. The Quebec / New Brunswick population was designated Not at Risk in May 2012.

### **Northern Fur Seal**

Designated Not at Risk in April 1996. Status re-examined and designated Threatened in April 2006. Status re-examined and confirmed in November 2010.

### **Northern Goshawk *laingi* subspecies**

Designated Special Concern in April 1995. Status re-examined and designated Threatened in November 2000 and May 2013.

### **Northern Leopard Frog (Eastern populations)**

Designated Not at Risk in April 1999 and in April 2009.

### **Northern Leopard Frog (Rocky Mountain population)**

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000 and in April 2009.

### **Northern Leopard Frog (Western Boreal/Prairie populations)**

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2002 and in April 2009.

### **Northern Madtom**

Species considered in April 1993 and placed in the Data Deficient category. Re-examined in April 1998 and designated Special Concern. Status re-examined and designated Endangered in November 2002 and May 2012.

### **Northern Map Turtle**

Designated Special Concern in May 2002. Status re-examined and confirmed in November 2012.

### **Northern Riffleshell**

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000 and April 2010.

### **Northern Wolffish**

Designated Threatened in May 2001. Status re-examined and confirmed in November 2012.

### **Nuttall's Cottontail *nuttallii* subspecies**

Designated Special Concern in April 1994 and in April 2006.

### **Nuttall's Cottontail *pinetis* subspecies**

Designated Not at Risk in 1991 and in April 1994.

### **Oldgrowth Specklebelly Lichen**

Designated Special Concern in April 1996. Status re-examined and confirmed in April 2010.

### **Olympia Oyster**

Designated Special Concern in November 2000 and in May 2011.

## RECORD OF REVIEWS OF CLASSIFICATION

### Orangespotted Sunfish

Designated Special Concern in April 1989. Designation de-activated in April 2008 because it was concluded that this species is ineligible for assessment.

### Ord's Kangaroo Rat

Designated Special Concern in April 1995. Status re-examined and designated Endangered in April 2006.

### Oregon Forestsnail

Designated Endangered in November 2002. Status re-examined and confirmed in May 2013.

### Oregon Spotted Frog

Designated Endangered in an emergency assessment on 13 September 1999. Status re-examined and confirmed in May 2000 and in May 2011.

### Pacific Gophersnake

Designated Extirpated in May 2002. Status re-examined and confirmed in May 2012.

### Pacific Pond Turtle

Designated Extirpated in May 2002. Status re-examined and confirmed in May 2012.

### Pacific Sardine

Designated Special Concern in April 1987. Status re-examined and designated Not at Risk in May 2002.

### Pacific Water Shrew

Designated Threatened in April 1994 and in May 2000. Status re-examined and designated Endangered in April 2006.

### Paddlefish

Disappeared from Canada in approximately 1917. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000 and April 2008.

### Pallid Bat

Designated Special Concern in April 1988. Status re-examined and designated Threatened in May 2000. Status re-examined and confirmed in November 2010.

### Passenger Pigeon

Believed to be Extinct since 1914. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000.

### Paxton Lake Benthic Threespine Stickleback

Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in April 2010.

### Paxton Lake Limnetic Threespine Stickleback

Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in April 2010.

### Peary Caribou

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island (Endangered), High Arctic (Endangered) and Low Arctic (Threatened) populations. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The subspecies *pearyi* is comprised of a portion of the former "Low Arctic population", and all of the former "High Arctic" and "Banks Island" populations, and it was designated Endangered in May 2004.

## RECORD OF REVIEWS OF CLASSIFICATION

### Peary Caribou (Banks Island population)

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The Banks Island population was designated Endangered in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former Banks Island population is contained within the subspecies *pearyi*.

### Peary Caribou (High Arctic population)

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The High Arctic population of the Peary Caribou was designated Endangered in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former High Arctic population is contained within the subspecies *pearyi*.

### Peary Caribou (Low Arctic population)

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The Low Arctic population was designated Threatened in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former Low Arctic population is contained partly within the subspecies *pearyi* and partly within the Barren-ground Caribou (Dolphin and Union population).

### Peary Caribou (original designation)

The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split into three separate populations in April 1991: Banks Island, High Arctic and Low Arctic populations. The original designation was de-activated. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*.

### Peregrine Falcon *anatum* subspecies

The Peregrine Falcon in Canada was originally assessed by COSEWIC as three separate subspecies: *anatum* subspecies (Endangered in April 1978, Threatened in April 1999 and in May 2000), *tundrius* subspecies (Threatened in April 1978 and Special Concern in April 1992) and *pealei* subspecies (Special Concern in April 1978, April 1999 and November 2001). In April 2007, the Peregrine Falcon in Canada was assessed as two separate units: *pealei* subspecies and *anatum/tundrius*. The original Peregrine Falcon *anatum* subspecies designation was de-activated in April 2007.

### Peregrine Falcon *anatum/tundrius*

The Peregrine Falcon in Canada was originally evaluated by COSEWIC as three separate subspecies: *anatum* subspecies (Endangered in April 1978, Threatened in April 1999 and in May 2000), *tundrius* subspecies (Threatened in April 1978 and Special Concern in April 1992) and *pealei* subspecies (Special Concern in April 1978, April 1999 and November 2001). In April 2007, the Peregrine Falcon in Canada was assessed as two separate units: *pealei* subspecies and *anatum/tundrius*. Peregrine Falcon *anatum/tundrius* was designated Special Concern in April 2007.

### Peregrine Falcon *pealei* subspecies

The Peregrine Falcon in Canada was originally evaluated by COSEWIC as three separate subspecies: *anatum* subspecies (Endangered in April 1978, Threatened in April 1999 and in May 2000), *tundrius* subspecies (Threatened in April 1978 and Special Concern in April 1992) and *pealei* subspecies (Special Concern in April 1978, April 1999 and November 2001). In April 2007, the Peregrine Falcon in Canada was assessed as two separate units: *pealei* subspecies and *anatum/tundrius*. The Peregrine Falcon *pealei* subspecies was designated Special Concern in April 2007.

## RECORD OF REVIEWS OF CLASSIFICATION

### Peregrine Falcon *tundrius* subspecies

The Peregrine Falcon in Canada was originally evaluated by COSEWIC as three separate subspecies: *anatum* subspecies (Endangered in April 1978, Threatened in April 1999 and in May 2000), *tundrius* subspecies (Threatened in April 1978 and Special Concern in April 1992) and *pealei* subspecies (Special Concern in April 1978, April 1999 and November 2001). In April 2007, the Peregrine Falcon in Canada was assessed as two separate units: *pealei* subspecies and *anatum/tundrius*. The original Peregrine Falcon *tundrius* subspecies designation was de-activated in April 2007.

### Phantom Orchid

Designated Special Concern in April 1992. Status re-examined and designated Threatened in May 2000.

### Pink Coreopsis

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999, May 2000, and November 2012.

### Pink Milkwort

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1998, May 2000, and November 2009.

### Piping Plover

The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *melodus* subspecies and *circumcinctus* subspecies were each designated Endangered in May 2001. The original designation was de-activated.

### Piping Plover *circumcinctus* subspecies

The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *circumcinctus* subspecies was designated Endangered in May 2001.

### Piping Plover *melodus* subspecies

The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *melodus* subspecies was designated Endangered in May 2001.

### Pitcher's Thistle

Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Status re-examined and designated Special Concern in November 2010.

### Pixie Poacher

Species considered in April 1991 and placed in the Data Deficient category. Re-examined and designation de-activated in November 2001.

### Plains Pocket Gopher

Designated Special Concern in April 1979. Status re-examined and designated Not at Risk in April 1998.

### Plymouth Gentian

Designated Threatened in April 1984. Status re-examined and confirmed in April 1999 and May 2000. Status re-examined and designated Endangered in November 2012.

### Polar Bear

Designated Not at Risk in April 1986. Status re-examined and designated Special Concern in April 1991. Status re-examined and confirmed in April 1999, November 2002, and April 2008.

### Poor Pocket Moss

Designated Endangered in November 2001 and May 2011.

### Prairie Falcon

Designated Not at Risk in April 1978, April 1982 and April 1996.

### Prairie Long-tailed Weasel

Designated Threatened in April 1982. Status re-examined and designated Not at Risk in April 1993.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Prairie Lupine**

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and in April 2009.

### **Prairie Skink**

Designated Special Concern in April 1989. Status re-examined and designated Endangered in May 2004.

### **Prairie Warbler**

Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in April 1999.

### **Prothonotary Warbler**

Designated Special Concern in April 1984. Status re-examined and designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and in April 2007.

### **Puget Oregonian**

Designated Extirpated in November 2002. Status re-examined and confirmed in May 2013.

### **Pugnose Minnow**

Designated Special Concern in April 1985. Status re-examined and confirmed in May 2000. Status re-examined and designated Threatened in May 2012.

### **Pugnose Shiner**

Designated Special Concern in April 1985. Status re-examined and designated Endangered in November 2002. Status re-examined and designated Threatened in May 2013.

### **Purple Spikerush**

Designated Endangered in April 2007. De-activated in April 2008 in recognition of new information regarding the incorrect identification of plants at the single locality at Osoyoos Lake that are in fact those of Bent Spike-rush (*Eleocharis geniculata*).

### **Purple Twayblade**

Designated Threatened in April 1989. Status re-examined and designated Endangered in April 1999 and in May 2001. Status re-examined and designated Threatened in November 2010.

### **Pygmy Short-horned Lizard**

Last reported in 1898. Designated Extirpated in April 1992. Status re-examined and confirmed in May 2000 and in April 2007.

### **Queensnake**

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Status re-examined and designated Endangered in April 2010.

### **Rainbow Smelt (Lake Utopia small-bodied population)**

Designated Threatened in April 1998. Status re-examined and confirmed in May 2000 and November 2008.

### **Rayed Bean**

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000 and April 2010.

### **Red Mulberry**

Designated Threatened in April 1987. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000.

### **Red-headed Woodpecker**

Designated Special Concern in April 1996. Status re-examined and designated Threatened in April 2007.

### **Red-legged Frog**

Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002 and in November 2004.

### **Red-shouldered Hawk**

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1996. Status re-examined and designated Not at Risk in April 2006.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Redbreast Sunfish**

Designated Special Concern in April 1989. Species considered in April 2008 and placed in the Data Deficient category.

### **Redroot**

Designated Threatened in April 1994. Status re-examined and confirmed in May 2000. Status re-examined and designated Special Concern in November 2009.

### **Redside Dace**

Designated Special Concern in April 1987. Status re-examined and designated Endangered in April 2007.

### **Right Whale**

The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003 (North Atlantic Right Whale and North Pacific Right Whale). The status of the North Atlantic Right Whale was re-examined in May 2003 and the status of the North Pacific Right Whale was re-examined in November 2004. The original designation was de-activated in May 2003.

### **Rigid Apple Moss**

Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000 and November 2009.

### **River Redhorse**

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987 and in April 2006.

### **Rocky Mountain Ridged Mussel**

Designated Special Concern in November 2003. Status re-examined and designated Endangered in November 2010.

### **Roseate Tern**

Designated Threatened in April 1986. Status re-examined and designated Endangered in April 1999. Endangered status re-examined and confirmed in October 1999 and in April 2009.

### **Ross's Gull**

Designated Special Concern in April 1981. Status re-examined and confirmed in April 1996. Status re-examined and designated Threatened in November 2001 and in April 2007.

### **Round Hickorynut**

Designated Endangered in May 2003. Status re-examined and confirmed in May 2013.

### **Round-leaved Greenbrier (Great Lakes Plains population)**

Designated Threatened in April 1994. Status re-examined and confirmed in May 2001 and November 2007.

### **Sage Thrasher**

Designated Endangered in April 1992. Status re-examined and confirmed in November 2000 and November 2010.

### **Salamander Mussel**

Designated Endangered in May 2001. Status re-examined and confirmed in May 2011.

### **Salish Sucker**

Designated Endangered in April 1986. Status re-examined and confirmed in November 2002. Status re-examined and designated Threatened in November 2012.

### **Savannah Sparrow *princeps* subspecies**

Designated Special Concern in April 1979. Status re-examined and confirmed in May 2000 and in November 2009.

### **Scarlet Ammannia**

Designated Endangered in April 1999. Status re-examined and confirmed in May 2001.

### **Scouler's *Corydalis***

Designated Threatened in May 2001. Status re-examined and designated Not at Risk in November 2006.

### **Sea Mink**

Believed Extinct since 1894. Designated Extinct in April 1986. Status re-examined and confirmed in May 2000.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Sea Otter**

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1986. Status re-examined and designated Threatened in April 1996 and in May 2000. Status re-examined and designated Special Concern in April 2007.

### **Seaside Birds-foot Lotus**

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and November 2010.

### **Seaside Bone Lichen**

Designated Special Concern in April 1996. Status re-examined and designated Threatened in April 2008.

### **Seaside Centipede Lichen**

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and in April 2006.

### **Sei Whale (Pacific population)**

Designated Endangered in May 2003. Status re-examined and confirmed in May 2013.

### **Sharp-shinned Hawk**

Designated Not at Risk in April 1986 and in April 1997.

### **Sharp-tailed Snake**

Designated Endangered in April 1999. Status re-examined and confirmed in October 1999 and November 2009.

### **Short-eared Owl**

Designated Special Concern in April 1994 and April 2008.

### **Shorthead Sculpin**

Designated Threatened in April 1984. Status re-examined and confirmed Threatened in May 2001. Status re-examined and designated Special Concern in November 2010.

### **Shortjaw Cisco**

Designated Threatened in April 1987. Status re-examined and confirmed in May 2003.

### **Shortnose Cisco**

Designated Threatened in April 1987. Status re-examined and designated Endangered in May 2005.

### **Shortnose Sturgeon**

Designated Special Concern in April 1980. Status re-examined and confirmed in May 2005.

### **Showy Goldenrod**

The species was considered a single unit and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Split into two populations in November 2010. The original designation was de-activated.

### **Showy Goldenrod (Boreal population)**

The species was considered a single unit and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Split into two populations in November 2010. The Boreal population was designated Threatened in November 2010.

### **Showy Goldenrod (Great Lakes Plains population)**

The species was considered a single unit and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Split into two populations in November 2010. The Great Lakes Plains population was designated Endangered in November 2010.

### **Shumard Oak**

Designated Special Concern in April 1984. Status re-examined and confirmed in April 1999.

### **Silver Chub**

The species was considered a single unit and designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The original designation was de-activated.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Silver Chub (Great Lakes - Upper St. Lawrence populations)**

The species was considered a single unit and designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The "Great Lakes - Upper St. Lawrence populations" unit was designated Endangered in May 2012.

### **Silver Chub (Saskatchewan - Nelson River populations)**

The species was considered a single unit and designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Split into two populations in May 2012. The "Saskatchewan - Nelson River populations" unit was designated Not at Risk in May 2012.

### **Silver Hair Moss**

Designated Endangered in November 2002. Status re-examined and confirmed in May 2012.

### **Silver Shiner**

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987. Status re-examined and designated Threatened in May 2011.

### **Skinner's Agalinis**

Designated Endangered in April 1988. Status re-examined and confirmed Endangered in April 1999, May 2000, and November 2010.

### **Slender Bush-clover**

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999, May 2000, and May 2013.

### **Slender Mouse-ear-cress**

Designated Endangered in April 1992. Status re-examined and designated Threatened in May 2000.

### **Small White Lady's-slipper**

Designated Endangered in April 1981. Status re-examined and confirmed in April 1999 and in May 2000.

### **Small Whorled Pogonia**

Designated Endangered in April 1982. Status re-examined and confirmed in April 1998, May 2000, and May 2011.

### **Small-flowered Lipocarpa**

Designated Threatened in April 1992. Status re-examined and designated Endangered in November 2002.

### **Small-flowered Sand-verbena**

Designated Threatened in April 1992. Re-examined and designated Endangered in November 2002.

### **Small-mouthed Salamander**

Designated Special Concern in April 1991. Status re-examined and designated Endangered in May 2004.

### **Smooth Goosefoot**

Designated Special Concern in April 1992. Status re-examined and designated Threatened in April 2006.

### **Snuffbox**

Designated Endangered in May 2001. Status re-examined and confirmed in November 2011.

### **Soapweed**

Designated Special Concern in April 1985. Status re-examined and designated Threatened in May 2000 and May 2013.

### **Sockeye Salmon (Cultus population)**

Designated Endangered in an emergency assessment in October 2002. Status re-examined and confirmed in May 2003.

### **Sockeye Salmon (Sakinaw population)**

Designated Endangered in an emergency assessment on 20 October 2002. Status re-examined and confirmed in May 2003. Status re-examined in an emergency reassessment on 20 April 2006 and confirmed Endangered.



## RECORD OF REVIEWS OF CLASSIFICATION

### **Southern Flying Squirrel**

Designated Special Concern in April 1988. Split into two populations in April 2006. The original designation was de-activated.

### **Southern Flying Squirrel (Atlantic (Nova Scotia) population)**

Designated Special Concern in April 1988. Split into two populations in April 2006 and the Atlantic (Nova Scotia) population was designated Not at Risk.

### **Southern Flying Squirrel (Great Lakes Plains population)**

Designated Special Concern in April 1988. Split into two populations in April 2006 and the Great Lakes Plains population was designated Not at Risk.

### **Southern Maidenhair Fern**

Designated Endangered in April 1984. Status re-examined and confirmed in April 1998, May 2000, and May 2011.

### **Sowerby's Beaked Whale**

Designated Special Concern in April 1989 and in November 2006.

### **Speckled Dace**

Designated Special Concern in April 1980. Status re-examined and designated Endangered in November 2002 and in April 2006.

### **Spiny Softshell**

Designated Threatened in April 1991. Status re-examined and confirmed in May 2002.

### **Spotted Bat**

Designated Special Concern in April 1988. Status re-examined and confirmed in May 2004.

### **Spotted Gar**

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994. Status re-examined and designated Threatened in November 2000, and in May 2005.

### **Spotted Owl *caurina* subspecies**

Designated Endangered in April 1986. Status re-examined and confirmed in April 1999, May 2000, and April 2008.

### **Spotted Sucker**

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994, November 2001 and May 2005.

### **Spotted Turtle**

Designated Special Concern in April 1991. Status re-examined and designated Endangered in May 2004.

### **Spotted Wintergreen**

Designated Endangered in April 1987. Status re-examined and confirmed Endangered in April 1998 and in May 2000.

### **Spotted Wolffish**

Designated Threatened in May 2001. Status re-examined and confirmed in November 2012.

### **Sprague's Pipit**

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000 and April 2010.

### **Spring Blue-eyed Mary**

No site records since 1954. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000.

### **Spring Cisco**

Designated Special Concern in April 1992. Status re-examined and designated Endangered in April 2009.

### **Spring Salamander**

The species was considered a single unit and designated Special Concern in April 1989 and May 2002. Split into two populations in May 2011. The original designation was de-activated.

## RECORD OF REVIEWS OF CLASSIFICATION

### Spring Salamander (Adirondack / Appalachian population)

The species was considered a single unit and designated Special Concern in April 1989 and May 2002. Split into two populations in May 2011. The Adirondack / Appalachian population was designated Threatened in May 2011.

### Spring Salamander (Carolinian population)

The species was considered a single unit and designated Special Concern in April 1989 and May 2002. Split into two populations in May 2011. The Carolinian population was designated Extirpated in May 2011.

### Steller Sea Lion

Designated Not at Risk in April 1987. Status re-examined and designated Special Concern in November 2003.

### Striped Bass (Bay of Fundy population)

Designated Threatened in November 2004. Status re-examined and designated Endangered in November 2012.

### Striped Bass (Southern Gulf of St. Lawrence population)

Designated Threatened in November 2004. Status re-examined and designated Special Concern in November 2012.

### Striped Bass (St. Lawrence River population)

Designated Extirpated in November 2004. Status re-examined and designated Endangered in November 2012.

### Swamp Rose-mallow

Designated Special Concern in April 1987. Status re-examined and confirmed in November 2004.

### Sweet Pepperbush

Designated Threatened in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and designated Special Concern in May 2001.

### Swift Fox

Last seen in Saskatchewan in 1928. Designated Extirpated in April 1978. Status re-examined and designated Endangered in April 1998 after successful re-introductions. Status re-examined and confirmed in May 2000. Status re-examined and designated Threatened in November 2009.

### Tall Woolly-heads (Prairie population)

Designated Special Concern in May 2001. De-activated in April 2006 in recognition of new information that some prairie specimens formerly included within the Tall Woolly-heads designation are in fact those of Dwarf Woolly-heads (*Psilocarphus brevissimus*).

### Taylor's Checkerspot

Designated Endangered in November 2000 and in May 2011.

### Thread-leaved Sundew

Designated Endangered in April 1991. Status re-examined and confirmed in May 2001.

### Tiger Salamander (Great Lakes population)

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations : Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with different populations that received separate designations. The original Tiger Salamander population designations were de-activated.

### Tiger Salamander (Prairie / Boreal population)

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations : Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with different populations that received separate designations. The original Tiger Salamander population designations were de-activated.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Tiger Salamander (Southern Mountain population)**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations : Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with different populations that received separate designations. The original Tiger Salamander population designations were de-activated.

### **Timber Rattlesnake**

Designated Extirpated in May 2001. Status re-examined and confirmed in November 2010.

### **Tiny Cryptantha**

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Status re-examined and designated Threatened in May 2012.

### **Toothcup**

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000.

### **Townsend's Mole**

Designated Threatened in April 1996. Status re-examined and designated Endangered in May 2003.

### **Trumpeter Swan**

Designated Special Concern in April 1978. Status re-examined and designated Not at Risk in April 1996.

### **Tubercled Spike-rush**

Designated Threatened in May 2000. Status re-examined and designated Special Concern in April 2010.

### **Tuberous Indian-plantain**

Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999 and in May 2002.

### **Tyrrell's Willow**

Designated Threatened in April 1981. Status re-examined and designated Not at Risk in April 1999.

### **Umatilla Dace**

Designated Special Concern in April 1988. Status re-examined and designated Threatened in April 2010.

### **Upper Great Lakes Kiyi**

The Kiyi was designated Special Concern in April 1988. Split into two subspecies in May 2005 (Upper Great Lakes Kiyi and Lake Ontario Kiyi). The Upper Great Lakes Kiyi was designated Special Concern in May 2005.

### **Van Brunt's Jacob's-ladder**

Designated Threatened in April 1994. Status re-examined and confirmed in November 2002.

### **Vananda Creek Benthic Threespine Stickleback**

Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in April 2010.

### **Vananda Creek Limnetic Threespine Stickleback**

Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in April 2010.

### **Vancouver Island Marmot**

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1997, May 2000, and April 2008.

### **Vancouver Lamprey**

Designated Special Concern in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and designated Threatened in November 2000 and in November 2008.

### **Victorin's Gentian**

Designated Special Concern in April 1987. Status re-examined and designated Threatened in May 2004.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Victorin's Water-hemlock**

Designated Special Concern in April 1987. Status re-examined and confirmed in May 2004.

### **Virginia Goat's-rue**

Designated Threatened in April 1996. Status re-examined and designated Endangered in May 2000 and November 2009.

### **Warmouth**

Designated Special Concern in April 1994. Status re-examined and confirmed in November 2001 and in May 2005.

### **Warty Jumping-slug**

Designated Special Concern in May 2003. Status re-examined and confirmed in May 2013.

### **Water Pennywort**

Designated Endangered in April 1985. Status re-examined and designated Threatened in April 1999. Status re-examined and confirmed in May 2000.

### **Water-plantain Buttercup**

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000 and in April 2009.

### **Wavy-rayed Lampmussel**

Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Status re-examined and designated Special Concern in April 2010.

### **Weidemeyer's Admiral**

Designated Special Concern in May 2000. Status re-examined and confirmed in May 2012.

### **Western Blue Flag**

Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Status re-examined and designated Special Concern in April 2010.

### **Western Brook Lamprey (Morrison Creek population)**

Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000 and in April 2010.

### **Western Chorus Frog**

The species was considered a single unit and designated Not at Risk in May 2001. Split into two populations in April 2008. The original designation was de-activated.

### **Western Chorus Frog (Carolinian population)**

The species was considered a single unit and designated Not at Risk in May 2001. Split into two populations in April 2008. The Carolinian population was designated Not at Risk in April 2008.

### **Western Chorus Frog (Great Lakes / St. Lawrence - Canadian Shield population)**

The species was considered a single unit and designated Not at Risk in May 2001. Split into two populations in April 2008. The Great Lakes / St. Lawrence - Canadian Shield population was designated Threatened in April 2008.

### **Western Harvest Mouse *dychei* subspecies**

Species considered in April 1994 and placed in the Data Deficient category. Re-examined in April 2007 and designated Endangered.

### **Western Harvest Mouse *megalotis* subspecies**

Designated Special Concern in April 1994 and in April 2007.

### **Western Prairie Fringed-orchid**

Designated Endangered in April 1993. Status re-examined and confirmed in May 2000.

### **Western Screech-owl**

The species was considered a single unit and placed in the Data Deficient category in April 1995. Re-examined in May 2002 and split into two groups according to subspecies. The *kennicottii* subspecies was designated Special Concern and the *macfarlanei* subspecies was designated Threatened in May 2002. The original designation was de-activated.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Western Screech-owl *kennicottii* subspecies**

Species considered in April 1995 and placed in the Data Deficient category. It was split according to subspecies in May 2002. The *kennicottii* subspecies was designated Special Concern in May 2002. Status re-examined and designated Threatened in May 2012.

### **Western Screech-owl *macfarlanei* subspecies**

Species considered in April 1995 and placed in the Data Deficient category. It was split according to subspecies in May 2002. The *macfarlanei* subspecies was designated Endangered in May 2002. Status re-examined and designated Threatened in May 2012.

### **Western Silvery Aster**

Designated Special Concern in 1988. Status re-examined and designated Threatened in May 2000.

### **Western Silvery Minnow**

Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2001. Status re-examined and designated Endangered in April 2008.

### **Western Spiderwort**

Designated Threatened in April 1992. Status re-examined and confirmed in November 2002.

### **Western Tiger Salamander**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations : Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with different populations that received separate designations. The original Tiger Salamander population designations were de-activated.

#### **Western Tiger Salamander (Prairie / Boreal population)**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations: Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with two different populations that received separate designations. The Prairie / Boreal population of the Western Tiger Salamander was assessed as Special Concern.

#### **Western Tiger Salamander (Southern Mountain population)**

The Tiger Salamander (*Ambystoma tigrinum*) was originally assessed by COSEWIC in November 2001 as three separate populations: Great Lakes population (Extirpated), Prairie / Boreal population (Not at Risk), and Southern Mountain population (Endangered). In November 2012, Tiger Salamander was split into two separate species, Eastern Tiger Salamander (*Ambystoma tigrinum*) and Western Tiger Salamander (*Ambystoma mavortium*), each with two different populations that received separate designations. The Southern Mountain population of the Western Tiger Salamander was assessed as Endangered.

### **Western Toad**

The species was considered a single unit and designated Special Concern in November 2002. Split into two populations in November 2012. The original designation was de-activated.

#### **Western Toad (Calling population)**

The species was considered a single unit and designated Special Concern in November 2002. Split into two populations in November 2012. The Calling population was designated Special Concern in November 2012.

#### **Western Toad (Non-calling population)**

The species was considered a single unit and designated Special Concern in November 2002. Split into two populations in November 2012. The Non-calling population was designated Special Concern in November 2012.

### **Western Yellow-bellied Racer**

Designated Not at Risk in April 1991. Status re-examined and designated Special Concern in November 2004.

### **Westslope Cutthroat Trout (Alberta population)**

Designated Threatened in May 2005 and in November 2006.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Westslope Cutthroat Trout (British Columbia population)**

Designated Special Concern in May 2005. Status re-examined and confirmed in November 2006.

### **White Prairie Gentian**

Designated Endangered in April 1991. Status re-examined and confirmed in May 2001 and November 2010.

### **White Sturgeon**

The species was considered a single unit and designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Split into four populations in November 2012. The original designation was de-activated.

### **White Sturgeon (Lower Fraser River population)**

The species was considered a single unit and designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Split into four populations in November 2012. The Lower Fraser River population was designated Threatened in November 2012.

### **White Sturgeon (Upper Columbia River population)**

The species was considered a single unit and designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Split into four populations in November 2012. The Upper Columbia River population was designated Endangered in November 2012.

### **White Sturgeon (Upper Fraser River population)**

The species was considered a single unit and designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Split into four populations in November 2012. The Upper Fraser River population was designated Endangered in November 2012.

### **White Sturgeon (Upper Kootenay River population)**

The species was considered a single unit and designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Split into four populations in November 2012. The Upper Kootenay River population was designated Endangered in November 2012.

### **White Wood Aster**

Designated Threatened in April 1995. Status re-examined and confirmed in November 2002.

### **White-headed Woodpecker**

Designated Threatened in April 1992. Status re-examined and designated Endangered in November 2000 and November 2010.

### **White-top Aster**

Designated Threatened in April 1996. Status re-examined and confirmed in May 2000. Status re-examined and designated Special Concern in April 2009.

### **Whooping Crane**

Designated Endangered in April 1978. Status re-examined and confirmed in November 2000 and in April 2010.

### **Wild Hyacinth**

Designated Special Concern in April 1990. Re-examined and designated Threatened in May 2002.

### **Willowleaf Aster**

Designated Special Concern in April 1999. Status re-examined and designated Threatened in May 2003.

### **Wolverine**

The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). The original designation was de-activated.

### **Wolverine (Eastern population)**

The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western population and Eastern population). The Eastern population was designated Endangered in April 1989. Status re-examined and confirmed in May 2003.

## RECORD OF REVIEWS OF CLASSIFICATION

### **Wolverine (Western population)**

The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). The Western population was designated Special Concern in April 1989. Status re-examined and confirmed in May 2003.

### **Wood Bison**

Designated Endangered in April 1978. Status re-examined and designated Threatened in April 1988. Status re-examined and confirmed in May 2000.

### **Wood Turtle**

Designated Special Concern in April 1996. Status re-examined and designated Threatened in November 2007.

### **Wood-poppy**

Designated Endangered in April 1993. Status re-examined and confirmed in May 2000 and November 2007.

### **Woodland Caribou (Atlantic-Gaspésie population)**

Atlantic-Gaspésie population designated Threatened in April 1984. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in May 2002.

### **Woodland Caribou (Boreal population)**

The Boreal population was designated Threatened in May 2000. This newly-defined population is comprised of a portion of the de-activated "Western population" and all of the de-activated "Labrador-Ungava population". Status re-examined and confirmed in May 2002.

### **Woodland Caribou (Labrador - Ungava population)**

Labrador-Ungava population was designated Not at Risk in April 1984. The designation of the Labrador-Ungava population was de-activated in May 2000. The former Labrador-Ungava population is contained within the Boreal population.

### **Woodland Caribou (Newfoundland population)**

Newfoundland population was designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000 and in May 2002.

### **Woodland Caribou (Northern Mountain population)**

The Northern Mountain population was designated Not at Risk in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and designated Special Concern in May 2002.

### **Woodland Caribou (Southern Mountain population)**

The Southern Mountain population was designated Threatened in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and confirmed in May 2002.

### **Woodland caribou (Western population)**

The Western population was designated Special Concern in April 1984. The designation of the Western population was de-activated in May 2000. The former Western population is contained within the following newly designated populations: Northern Mountain, Southern Mountain and Boreal.

### **Woodland Vole**

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001 and November 2010.

### **Yellow Montane Violet *praemorsa* subspecies**

Designated Threatened in April 1995. Status re-examined and confirmed in May 2000. Status re-examined and designated Endangered in November 2007.

### **Yellow Rail**

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001 and in November 2009.

### **Yellow-breasted Chat *auricollis* subspecies (Prairie population)**

The Prairie population of the *auricollis* subspecies was designated Not at Risk in April 1994, November 2000, and November 2011.

## RECORD OF REVIEWS OF CLASSIFICATION

### Yellow-breasted Chat *auricollis* subspecies (Southern Mountain population)

The Southern Mountain population of the *auricollis* subspecies was designated Threatened in April 1994. Status re-examined and designated Endangered in November 2000 and November 2011.

### Yellow-breasted Chat *virens* subspecies

Designated Special Concern in April 1994. Status re-examined and confirmed in November 2000. Status re-examined and designated Endangered in November 2011.

### Yucca Moth

Designated Endangered in May 2002. Status re-examined and confirmed in May 2013.



## NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Common and scientific names (including population names, where applicable) previously used by COSEWIC and other synonyms, with reference to the current COSEWIC names.

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
<i>Abronia micrantha</i>	<i>Tripterocalyx micranthus</i>
Acadian Whitefish	Atlantic Whitefish
Achikunipi	Harbour Seal Lacs des Loups Marins subspecies
<i>Acipenser fulvescens</i> (Great Lakes and Western St. Lawrence populations)	<i>Acipenser fulvescens</i> (Great Lakes - Upper St. Lawrence populations)
<i>Acipenser fulvescens</i> (Great Lakes and Western St. Lawrence River populations)	<i>Acipenser fulvescens</i> (Great Lakes - Upper St. Lawrence populations)
<i>Acipenser fulvescens</i> (Rainy River - Lake of the Woods populations)	<i>Acipenser fulvescens</i> (Lake of the Woods - Rainy River populations)
<i>Acipenser fulvescens</i> (Red-Assiniboine rivers - Lake Winnipeg populations)	<i>Acipenser fulvescens</i> (Red-Assiniboine Rivers - Lake Winnipeg populations)
<i>Acipenser oxyrinchus</i> (Great Lakes / St. Lawrence populations)	<i>Acipenser oxyrinchus</i> (St. Lawrence populations)
<i>Acris crepitans</i>	<i>Acris blanchardi</i>
<i>Acris crepitans blanchardi</i>	<i>Acris blanchardi</i>
American Hart's-tongue Fern	Hart's-tongue Fern
Apple Moss	Rigid Apple Moss
<i>Ascaphus truei</i> (Pacific Coast population)	<i>Ascaphus truei</i>
<i>Ascaphus truei</i> (Southern Mountain population)	<i>Ascaphus montanus</i>
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	<i>Asplenium scolopendrium</i>
<i>Aster antcostensis</i>	<i>Symphyotrichum antcostense</i>
<i>Aster curtus</i>	<i>Sericocarpus rigidus</i>
<i>Aster divaricatus</i>	<i>Eurybia divaricata</i>
<i>Aster laurentianus</i>	<i>Symphyotrichum laurentianum</i>
<i>Aster praealtus</i>	<i>Symphyotrichum praealtum</i>
<i>Aster prenanthoides</i>	<i>Symphyotrichum prenanthoides</i>
<i>Aster shortii</i>	<i>Symphyotrichum shortii</i>
<i>Aster subulatus</i> var. <i>obtusifolius</i>	<i>Symphyotrichum subulatum</i> (Bathurst population)
<i>Aster yukonensis</i>	<i>Symphyotrichum yukonense</i>
Atlantic Salmon (Inner Bay of Fundy populations)	Atlantic Salmon (Inner Bay of Fundy population)
Atlantic Sturgeon (Great Lakes / St. Lawrence populations)	Atlantic Sturgeon (St. Lawrence populations)
<i>Balaena mysticetus</i> (Western Arctic population)	<i>Balaena mysticetus</i> (Bering-Chukchi-Beaufort population)
Banded Killifish (Mainland population)	Banded Killifish (Mainland populations)
Banded Killifish (Newfoundland population)	Banded Killifish (Newfoundland populations)
<i>Bartonia paniculata</i>	<i>Bartonia paniculata</i> ssp. <i>paniculata</i>
Bathurst Aster	Bathurst Aster (Bathurst population)
Behr's (Columbia) Hairstreak	Behr's Hairstreak

## NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Beluga Whale (Beaufort Sea / Arctic Ocean population)	Beluga Whale (Eastern Beaufort Sea population)
Beluga Whale (Southeast Baffin Island-Cumberland Sound population)	Beluga Whale (Cumberland Sound population)
Beluga Whale (St. Lawrence River population)	Beluga Whale (St. Lawrence Estuary population)
Benthic Hadley Lake Stickleback	Hadley Lake Benthic Threespine Stickleback
Benthic Texada Island Stickleback	Paxton Lake Benthic Threespine Stickleback
Black Ratsnake (Carolinian population)	Gray Ratsnake (Carolinian population)
Black Ratsnake (Great Lakes / St. Lawrence population)	Gray Ratsnake (Great Lakes / St. Lawrence population)
Blanding's Turtle (Great Lakes population)	Blanding's Turtle (Great Lakes / St. Lawrence population)
Blue Pike	Blue Walleye
Blue-eyed Mary	Spring Blue-eyed Mary
Blue-grey Taildropper Slug	Blue-grey Taildropper
Bottlenose Dolphin	Common Bottlenose Dolphin
Bowhead Whale (Western Arctic population)	Bowhead Whale (Bering-Chukchi-Beaufort population)
Bowl Limpet	Eelgrass Limpet
<i>Buchloë dactyloides</i>	<i>Bouteloua dactyloides</i>
<i>Bufo cognatus</i>	<i>Anaxyrus cognatus</i>
<i>Bufo fowleri</i>	<i>Anaxyrus fowleri</i>
<i>Bufo woodhousii fowleri</i>	<i>Anaxyrus fowleri</i>
Butler's Garter Snake	Butler's Gartersnake
<i>Cacalia plantaginea</i>	<i>Arnoglossum plantagineum</i>
<i>Callophrys [Incisalia] irus</i>	<i>Callophrys irus</i>
<i>Canis lycaon</i>	<i>Canis lupus lycaon</i>
<i>Caprimulgus vociferus</i>	<i>Antröstomus vociferus</i>
<i>Catostomus</i> sp.	<i>Catostomus</i> sp. cf. <i>catostomus</i>
<i>Catostomus catostomus</i>	<i>Catostomus</i> sp. cf. <i>catostomus</i>
<i>Catostomus catostomus</i> (Chehalis populations)	<i>Catostomus</i> sp. cf. <i>catostomus</i>
<i>Centrocerus urophasianus phaios</i> (British Columbia population)	<i>Centrocerus urophasianus phaios</i>
<i>Centrocerus urophasianus urophasianus</i> (Prairie population)	<i>Centrocerus urophasianus urophasianus</i>
Charlotte Unarmoured Stickleback	Charlotte Unarmoured Threespine Stickleback
Charlotte Unarmoured Sticklebacks	Charlotte Unarmoured Threespine Stickleback
<i>Cimicifuga elata</i>	<i>Actaea elata</i>
<i>Clemmys insculpta</i>	<i>Glyptemys insculpta</i>
<i>Clemmys marmorata</i>	<i>Actinemys marmorata</i>
Coast Tailed Frog	Coastal Tailed Frog
Coastrange Sculpin	Coastrange Sculpin (Cultus population)
<i>Coenonympha tullia nipisiquit</i>	<i>Coenonympha nipisiquit</i>
Coeur d'Alène Salamander	Coeur d'Alene Salamander
Columbia Mottled Sculpin	Columbia Sculpin

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Common Dolphin	Short-beaked Common Dolphin
Common Hop-tree	Common Hoptree
Common Watersnake	Northern Watersnake
<i>Coregonus canadensis</i>	<i>Coregonus huntsmani</i>
<i>Coregonus clupeaformis</i>	<i>Coregonus clupeaformis</i> (Lake Simcoe population)
<i>Cottus</i> sp.	<i>Cottus aleuticus</i> (Cultus population)
<i>Cottus</i> sp. (St. Mary and Milk River populations)	<i>Cottus</i> sp. (Eastslope populations)
<i>Cottus bairdi hubbsi</i>	<i>Cottus hubbsi</i>
<i>Cottus bairdii hubbsi</i>	<i>Cottus hubbsi</i>
Cowichan Lake Lamprey	Vancouver Lamprey
Cryptic Paw	Cryptic Paw Lichen
Cultus Pygmy Sculpin	Coastrange Sculpin (Cultus population)
Cutlips Minnow	Cutlip Minnow
<i>Dalea villosa</i> var. <i>villosa</i>	<i>Dalea villosa</i>
<i>Delphinapterus leucas</i> (Beaufort Sea / Arctic Ocean population)	<i>Delphinapterus leucas</i> (Eastern Beaufort Sea population)
<i>Delphinapterus leucas</i> (Southeast Baffin Island-Cumberland Sound population)	<i>Delphinapterus leucas</i> (Cumberland Sound population)
<i>Delphinapterus leucas</i> (St. Lawrence River population)	<i>Delphinapterus leucas</i> (St. Lawrence Estuary population)
<i>Dendroica cerulea</i>	<i>Setophaga cerulea</i>
<i>Dendroica discolor</i>	<i>Setophaga discolor</i>
<i>Dendroica kirtlandii</i>	<i>Setophaga kirtlandii</i>
<i>Draba kananaskis</i>	<i>Draba juvenilis</i>
Dun Skipper (Western population)	Dun Skipper <i>vestris</i> subspecies
Dun Skipper <i>vestris</i> subspecies (Western population)	Dun Skipper <i>vestris</i> subspecies
Dwarf Woolly-heads	Dwarf Woolly-heads (Southern Mountain population)
Eastern Grey Wolf	Eastern Wolf
Eastern Hognose Snake	Eastern Hog-nosed Snake
Eastern Hognosed Snake	Eastern Hog-nosed Snake
Eastern Loggerhead Shrike	Loggerhead Shrike <i>migrans</i> subspecies
Eastern Milksnake	Milksnake
Eastern Mud Turtle	Eastern Musk Turtle
Eastern Pipistrelle	Tri-colored Bat
Eastern Prairie Fringed Orchid	Eastern Prairie Fringed-orchid
Eastern Ratsnake (Carolinian population)	Gray Ratsnake (Carolinian population)
Eastern Ratsnake (Great Lakes / St. Lawrence population)	Gray Ratsnake (Great Lakes / St. Lawrence population)
Eastern Short-horned Lizard	Greater Short-horned Lizard
Eastern Spiny Softshell Turtle	Spiny Softshell
Eastern Yellow-breasted Chat	Yellow-breasted Chat <i>virens</i> subspecies
"Eastslope" Sculpin (St. Mary and Milk River populations)	Rocky Mountain Sculpin (Eastslope populations)

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
<i>Elaphe gloydi</i> (Carolinian population)	<i>Pantherophis gloydi</i> (Carolinian population)
<i>Elaphe gloydi</i> (Great Lakes / St. Lawrence population)	<i>Pantherophis gloydi</i> (Great Lakes / St. Lawrence population)
<i>Elaphe obsoleta</i> (Carolinian population)	<i>Pantherophis spiloides</i> (Carolinian population)
<i>Elaphe obsoleta</i> (Great Lakes / St. Lawrence population)	<i>Pantherophis spiloides</i> (Great Lakes / St. Lawrence population)
<i>Elaphe spiloides</i> (Carolinian population)	<i>Pantherophis spiloides</i> (Carolinian population)
<i>Elaphe spiloides</i> (Great Lakes / St. Lawrence population)	<i>Pantherophis spiloides</i> (Great Lakes / St. Lawrence population)
<i>Elgaria coerulea principis</i>	<i>Elgaria coerulea</i>
<i>Emydoidea blandingi</i>	<i>Emydoidea blandingii</i> (Nova Scotia population)
<i>Emydoidea blandingii</i> (Great Lakes population)	<i>Emydoidea blandingii</i> (Great Lakes / St. Lawrence population)
Enos Lake Benthic Stickleback	Enos Lake Benthic Threespine Stickleback
Enos Lake Limnetic Stickleback	Enos Lake Limnetic Threespine Stickleback
<i>Epeoloides pilosula</i>	<i>Epeoloides pilosulus</i>
<i>Erigeron philadelphicus</i> ssp. <i>provancheri</i>	<i>Erigeron philadelphicus</i> var. <i>provancheri</i>
Ermine (Queen Charlotte Islands population)	Ermine <i>haidarum</i> subspecies
<i>Eschrichtius robustus</i> (Northeast Pacific population)	<i>Eschrichtius robustus</i> (Eastern North Pacific population)
<i>Eumeces fasciatus</i> (Carolinian population)	<i>Plestiodon fasciatus</i> (Carolinian population)
<i>Eumeces fasciatus</i> (Great Lakes / St. Lawrence population)	<i>Plestiodon fasciatus</i> (Great Lakes / St. Lawrence population)
<i>Eumeces septentrionalis</i>	<i>Plestiodon septentrionalis</i>
<i>Eumeces septentrionalis septentrionalis</i>	<i>Plestiodon septentrionalis</i>
<i>Eumeces skiltonianus</i>	<i>Plestiodon skiltonianus</i>
<i>Euphyes vestris</i>	<i>Euphyes vestris vestris</i>
<i>Euphyes vestris</i> (Western population)	<i>Euphyes vestris vestris</i>
Few-flowered Club-rush	Bashful Bulrush
Flexuous Golden Stubble	Flexuous Golden Stubble Lichen
Flooded Jellyskin	Flooded Jellyskin Lichen
Frosted Glass-whiskers (British Columbia population)	Frosted Glass-whiskers Lichen (British Columbia population)
Frosted Glass-whiskers (Nova Scotia population)	Frosted Glass-whiskers Lichen (Nova Scotia population)
<i>Fundulus diaphanus</i> (Mainland population)	<i>Fundulus diaphanus</i> (Mainland populations)
<i>Fundulus diaphanus</i> (Newfoundland population)	<i>Fundulus diaphanus</i> (Newfoundland populations)
<i>Gasterosteus</i> sp.	<i>Gasterosteus aculeatus</i>
<i>Gentiana victorinii</i>	<i>Gentianopsis virgata</i> ssp. <i>victorinii</i>
<i>Gentianopsis procera macounii</i> var. <i>victorinii</i>	<i>Gentianopsis virgata</i> ssp. <i>victorinii</i>
<i>Gentianopsis victorinii</i>	<i>Gentianopsis virgata</i> ssp. <i>victorinii</i>
Ghost Antler	Ghost Antler Lichen
Giant Stickleback	Giant Threespine Stickleback
Goat's-rue	Virginia Goat's-rue

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Golden Crest	Goldencrest
Great Basin Gopher Snake	Great Basin Gophersnake
Great Basin Spadefoot Toad	Great Basin Spadefoot
Great White Shark (Atlantic population)	White Shark (Atlantic population)
Great White Shark (Pacific population)	White Shark (Pacific population)
Greater Sandhill Crane	Sandhill Crane <i>tabida</i> subspecies
Grey Whale (Northeast Pacific population)	Grey Whale (Eastern North Pacific population)
Grey Wolf	Arctic Grey Wolf
Grey Wolf	Eastern Wolf
Grey Wolf	Northern Grey Wolf
Grey Wolf	Southern Grey Wolf
<i>Gymnocladus dioica</i>	<i>Gymnocladus dioicus</i>
Hadley Lake Benthic Stickleback	Hadley Lake Benthic Threespine Stickleback
Hadley Lake Limnetic Stickleback	Hadley Lake Limnetic Threespine Stickleback
<i>Haplopappus macleanii</i>	<i>Stenotus borealis</i>
Harbour Seal	Harbour Seal Atlantic and Eastern Arctic subspecies
Harbour Seal	Harbour Seal Pacific subspecies
Harbour Seal (Lac des Loups Marins landlocked population)	Harbour Seal Lacs des Loups Marins subspecies
Harbour Seal Atlantic subspecies	Harbour Seal Atlantic and Eastern Arctic subspecies
Hubb's Beaked Whale	Hubbs' Beaked Whale
<i>Hybognathus placitis</i>	<i>Hybognathus placitus</i>
<i>Hymenoxys herbacea</i>	<i>Tetranneuris herbacea</i>
<i>Hyperoodon ampullatus</i>	<i>Hyperoodon ampullatus</i> (Davis Strait-Baffin Bay-Labrador Sea population)
<i>Hyperoodon ampullatus</i> (Davis Strait population)	<i>Hyperoodon ampullatus</i> (Davis Strait-Baffin Bay-Labrador Sea population)
<i>Hyperoodon ampullatus</i> (Gully population)	<i>Hyperoodon ampullatus</i> (Scotian Shelf population)
<i>Hypsiglena torquata</i>	<i>Hypsiglena chlorophaea</i>
<i>Icteria virens auricollis</i> (British Columbia population)	<i>Icteria virens auricollis</i> (Southern Mountain population)
<i>Icteria virens virens</i> (Eastern population)	<i>Icteria virens virens</i>
<i>Incisalia irus</i>	<i>Callophrys irus</i>
"Ipswich" Savannah Sparrow	Savannah Sparrow <i>princeps</i> subspecies
Island Marble insulanus subspecies	Island Marble
<i>Isoëtes bolanderi</i>	<i>Isoetes bolanderi</i>
<i>Isoëtes engelmannii</i>	<i>Isoetes engelmannii</i>
<i>Isopyrum bitermatum</i>	<i>Enemion bitermatum</i>
Kananaskis Whitlow-grass	Long-stalked Whitlow-grass
Killer Whale (Northern Resident population)	Killer Whale (Northeast Pacific northern resident population)
Killer Whale (Northwest Atlantic / Eastern Arctic populations)	Killer Whale (Northwest Atlantic / Eastern Arctic population)

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Killer Whale (Offshore population)	Killer Whale (Northeast Pacific offshore population)
Killer Whale (Southern Resident population)	Killer Whale (Northeast Pacific southern resident population)
Killer Whale (West Coast Transient population)	Killer Whale (Northeast Pacific transient population)
<i>Lachnanthes caroliana</i>	<i>Lachnanthes caroliniana</i>
Lake Erie Water Snake	Lake Erie Watersnake
Lake Lamprey	Vancouver Lamprey
Lake Simcoe Whitefish	Lake Whitefish (Lake Simcoe population)
Lake Sturgeon (Great Lakes and Western St. Lawrence populations)	Lake Sturgeon (Great Lakes - Upper St. Lawrence populations)
Lake Sturgeon (Great Lakes and Western St. Lawrence River populations)	Lake Sturgeon (Great Lakes - Upper St. Lawrence populations)
Lake Sturgeon (Rainy River - Lake of the Woods populations)	Lake Sturgeon (Lake of the Woods - Rainy River populations)
Lake Sturgeon (Red-Assiniboine rivers - Lake Winnipeg populations)	Lake Sturgeon (Red-Assiniboine Rivers - Lake Winnipeg populations)
Lake Utopia Dwarf Smelt	Rainbow Smelt (Lake Utopia small-bodied population)
Lake Winnipeg Physa Snail	Lake Winnipeg Physa
<i>Lampetra alaskensis</i>	<i>Lethenteron alaskense</i>
<i>Lampetra richardsoni</i>	<i>Lampetra richardsoni</i> (Morrison Creek population)
<i>Lanius ludovicianus excubitorides</i> (Prairie population)	<i>Lanius ludovicianus excubitorides</i>
<i>Lanius ludovicianus migrans</i> (Eastern population)	<i>Lanius ludovicianus migrans</i>
<i>Leucoraja ocellata</i> (Southern Gulf population)	<i>Leucoraja ocellata</i> (Southern Gulf of St. Lawrence population)
Lewis' Woodpecker	Lewis's Woodpecker
Lilaeopsis	Eastern Lilaeopsis
Limnetic Hadley Lake Stickleback	Hadley Lake Limnetic Threespine Stickleback
Limnetic Texada Island Stickleback	Paxton Lake Limnetic Threespine Stickleback
Little Brown Bat	Little Brown Myotis
Loggerhead Shrike (Eastern population)	Loggerhead Shrike <i>migrans</i> subspecies
Loggerhead Shrike (Prairie population)	Loggerhead Shrike <i>excubitorides</i> subspecies
Long-tailed Weasel (Prairie population)	Prairie Long-tailed Weasel
Longfin Smelt	Longfin Smelt (Pygmy populations)
<i>Lottia alveus</i>	<i>Lottia alveus alveus</i>
<i>Lupinus lepidus</i> var. <i>lepidus</i>	<i>Lupinus lepidus</i>
Lynx	Canada Lynx
MacLean's Goldenweed	Northern Mock Goldenweed
<i>Malacoraja senta</i> (Nose of the Grand Banks Population)	<i>Malacoraja senta</i> (Nose of the Grand Bank population)
Mapleleaf Mussel (Great Lakes - Western St. Lawrence population)	Mapleleaf (Great Lakes - Western St. Lawrence population)
Mapleleaf Mussel (Saskatchewan - Nelson population)	Mapleleaf (Saskatchewan - Nelson population)
<i>Marah oreganus</i>	<i>Marah oregana</i>
<i>Martes americana atrata</i>	<i>Martes americana atrata</i> (Newfoundland population)

## NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Mexican Mosquito Fern	Mexican Mosquito-fern
<i>Mielichhoferia macrocarpa</i>	<i>Haplodontium macrocarpum</i>
Mira River Whitefish	Lake Whitefish (Mira River population)
Misty Lake Lentic Stickleback	Misty Lake Lentic Threespine Stickleback
Misty Lake Lotic Stickleback	Misty Lake Lotic Threespine Stickleback
<i>Morone saxatilis</i> (St. Lawrence Estuary population)	<i>Morone saxatilis</i> (St. Lawrence River population)
Morrison Creek Lamprey	Western Brook Lamprey (Morrison Creek population)
Mudpuppy Mussel	Salamander Mussel
<i>Mustela erminea haidarum</i> (Queen Charlotte Islands population)	<i>Mustela erminea haidarum</i>
<i>Mustela frenata longicauda</i> (Prairie population)	<i>Mustela frenata longicauda</i>
Newfoundland Marten	American Marten (Newfoundland population)
Night Snake	Desert Nightsnake
Nightsnake	Desert Nightsnake
North Sea Beaked Whale	Sowerby's Beaked Whale
Northern Bottlenose Whale	Northern Bottlenose Whale (Davis Strait-Baffin Bay-Labrador Sea population)
Northern Bottlenose Whale (Davis Strait population)	Northern Bottlenose Whale (Davis Strait-Baffin Bay-Labrador Sea population)
Northern Bottlenose Whale (Gully population)	Northern Bottlenose Whale (Scotian Shelf population)
Northern Cricket Frog	Blanchard's Cricket Frog
Northern Goshawk	Northern Goshawk <i>atricapillus</i> subspecies
Northern Leopard Frog (Prairie population)	Northern Leopard Frog (Western Boreal/Prairie populations)
Northern Leopard Frog (Southern Mountain population)	Northern Leopard Frog (Rocky Mountain population)
Northern Prairie Skink	Prairie Skink
Northern Red-legged Frog	Red-legged Frog
Northern Ribbonsnake (Atlantic population)	Eastern Ribbonsnake (Atlantic population)
Northern Ribbonsnake (Great Lakes population)	Eastern Ribbonsnake (Great Lakes population)
Northern Spotted Owl	Spotted Owl <i>caurina</i> subspecies
Northwestern Alligator Lizard	Northern Alligator Lizard
Nothern Long-eared Bat	Northern Myotis
<i>Notropis rubellus</i> (Eastern population)	<i>Notropis rubellus</i>
<i>Notropis rubellus</i> (Manitoba population)	<i>Notropis percobromus</i>
Nuttall's Cottontail (British Columbia population)	Nuttall's Cottontail <i>nuttallii</i> subspecies
Nuttall's Cottontail (Prairie population)	Nuttall's Cottontail <i>pinetis</i> subspecies
<i>Nyctea scandiaca</i>	<i>Bubo scandiaca</i>
Oldgrowth Specklebelly	Oldgrowth Specklebelly Lichen
<i>Oncorhynchus nerka</i> (Cultus Lake population)	<i>Oncorhynchus nerka</i> (Cultus population)
<i>Oncorhynchus nerka</i> (Sakinaw Lake population)	<i>Oncorhynchus nerka</i> (Sakinaw population)
<i>Orcinus orca</i> (Northern Resident Population)	<i>Orcinus orca</i> (Northeast Pacific northern resident population)

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
<i>Orcinus orca</i> (Northwest Atlantic / Eastern Arctic populations)	<i>Orcinus orca</i> (Northwest Atlantic / Eastern Arctic population)
<i>Orcinus orca</i> (Offshore population)	<i>Orcinus orca</i> (Northeast Pacific offshore population)
<i>Orcinus orca</i> (Southern Resident population)	<i>Orcinus orca</i> (Northeast Pacific southern resident population)
<i>Orcinus orca</i> (West Coast Transient population)	<i>Orcinus orca</i> (Northeast Pacific transient population)
<i>Osmerus</i> sp.	<i>Osmerus mordax</i> (Lake Utopia small-bodied population)
<i>Osmerus spectrum</i>	<i>Osmerus mordax</i> (Lake Utopia small-bodied population)
<i>Ostrea conchaphila</i>	<i>Ostrea lurida</i>
<i>Otus asio</i>	<i>Megascops asio</i>
<i>Otus kennicottii kennicottii</i>	<i>Megascops kennicottii kennicottii</i>
<i>Otus kennicottii macfarlanei</i>	<i>Megascops kennicottii macfarlanei</i>
Pacific Giant Salamander	Coastal Giant Salamander
Pacific Gopher Snake	Pacific Gophersnake
Pacific Great Blue Heron	Great Blue Heron <i>fannini</i> subspecies
<i>Panax quinquefolium</i>	<i>Panax quinquefolius</i>
Paxton Lake Benthic Stickleback	Paxton Lake Benthic Threespine Stickleback
Paxton Lake Limnetic Stickleback	Paxton Lake Limnetic Threespine Stickleback
Peale's Peregrine Falcon	Peregrine Falcon <i>pealei</i> subspecies
<i>Phoca vitulina mellonae</i> (Lac des Loups Marins landlocked population)	<i>Phoca vitulina mellonae</i>
<i>Phrynosoma douglasii</i> (British Columbia population)	<i>Phrynosoma douglasii</i>
<i>Phrynosoma douglassii brevirostre</i>	<i>Phrynosoma hernandesi</i>
<i>Phrynosoma douglassii douglassii</i> (British Columbia population)	<i>Phrynosoma douglasii</i>
Pighead Prickleback	Blackline Prickleback
Pigmy Short-horned Lizard	Pygmy Short-horned Lizard
Pigmy Short-horned Lizard (British Columbia population)	Pygmy Short-horned Lizard
Pink Rush	Rush Pink
Pipistrellus subflavus	<i>Perimyotis subflavus</i>
Plains Spadefoot Toad	Plains Spadefoot
<i>Polemonium van-bruntiae</i>	<i>Polemonium vanbruntiae</i>
Porbeagle Shark	Porbeagle
Prairie Loggerhead Shrike	Loggerhead Shrike <i>excubitorides</i> subspecies
<i>Psilocarphus brevissimus</i>	<i>Psilocarphus brevissimus</i> (Southern Mountain population)
<i>Psilocarphus elatior</i> (Pacific population)	<i>Psilocarphus elatior</i>
Puget Oregonian Snail	Puget Oregonian
Pygmy Longfin Smelt	Longfin Smelt (Pygmy populations)
Pygmy Short-horned Lizard (British Columbia population)	Pygmy Short-horned Lizard
Queen Charlotte Goshawk	Northern Goshawk <i>laingi</i> subspecies



# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Queen Snake	Queensnake
Rainbow Mussel	Rainbow
<i>Rana pipiens</i> (Eastern population)	<i>Lithobates pipiens</i> (Eastern populations)
<i>Rana pipiens</i> (Rocky Mountain population)	<i>Lithobates pipiens</i> (Rocky Mountain population)
<i>Rana pipiens</i> (Southern Mountain population)	<i>Lithobates pipiens</i> (Rocky Mountain population)
<i>Rana pipiens</i> (Western Boreal/Prairie populations)	<i>Lithobates pipiens</i> (Western Boreal/Prairie populations)
<i>Rana pipiens</i> (Prairie population)	<i>Lithobates pipiens</i> (Western Boreal/Prairie populations)
<i>Rangifer tarandus dawsoni</i> (Queen Charlotte Islands population)	<i>Rangifer tarandus dawsoni</i>
<i>Ranunculus alismaefolius</i> var. <i>alismaefolius</i>	<i>Ranunculus alismifolius</i>
<i>Ranunculus alismifolius</i> var. <i>alismifolius</i>	<i>Ranunculus alismifolius</i>
Red Oak Stubble	Red Oak Stubble Lichen
<i>Reithrodontomys megalotis dychei</i> (Prairie population)	<i>Reithrodontomys megalotis dychei</i>
<i>Reithrodontomys megalotis megalotis</i> (British Columbia population)	<i>Reithrodontomys megalotis megalotis</i>
<i>Rhinichthys</i> sp.	<i>Rhinichthys cataractae</i> ssp.
<i>Rhinichthys cataractae</i>	<i>Rhinichthys cataractae</i> ssp.
<i>Rhynchophanes mccownii</i>	<i>Rhynchophanes mccownii</i>
Rocky Mountain Sculpin (St. Mary and Milk River populations)	Rocky Mountain Sculpin (Eastslope populations)
Ross' Gull	Ross's Gull
Rosyface Shiner (Eastern population)	Rosyface Shiner
Rosyface Shiner (Manitoba population)	Carmine Shiner
Rubber Boa	Northern Rubber Boa
Sage Grouse (British Columbia population)	Greater Sage-Grouse <i>phaeos</i> subspecies
Sage Grouse (Prairie population)	Greater Sage-Grouse <i>urophasianus</i> subspecies
Salish Sucker (Chehalis populations)	Salish Sucker
<i>Salix chlorolepis</i>	<i>Salix chlorolepis</i>
<i>Salmo salar</i> (Inner Bay of Fundy populations)	<i>Salmo salar</i> (Inner Bay of Fundy population)
Sand Verbena	Small-flowered Sand-verbena
Sand Verbena Moth	Sand-verbena Moth
<i>Sander vitreum glaucus</i>	<i>Sander vitreus glaucus</i>
<i>Satyrium behrii columbia</i>	<i>Satyrium behrii</i>
<i>Scirpus verecundus</i>	<i>Trichophorum planifolium</i>
Seaside Bone	Seaside Bone Lichen
Seaside Centipede	Seaside Centipede Lichen
<i>Sebastes aleutianus</i> type I	<i>Sebastes</i> sp. type I
<i>Sebastes aleutianus</i> type II	<i>Sebastes</i> sp. type II
<i>Seiurus motacilla</i>	<i>Parkesia motacilla</i>
<i>Simpsonais ambigua</i>	<i>Simpsonaias ambigua</i>
Slender Woolly-heads	Slender Woolly-heads

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Smallmouth Salamander	Small-mouthed Salamander
Smooth Skate (Nose of the Grand Banks Population)	Smooth Skate (Nose of the Grand Bank population)
Sockeye Salmon (Cultus Lake population)	Sockeye Salmon (Cultus population)
Sockeye Salmon (Sakinaw Lake population)	Sockeye Salmon (Sakinaw population)
Soupin Shark	Tope
<i>Speotyto cunicularia</i>	<i>Athene cunicularia</i>
Spiny Softshell Turtle	Spiny Softshell
<i>Spirinchus</i> sp.	<i>Spirinchus thaleichthys</i> (Pygmy populations)
Spotted Owl	Spotted Owl <i>caurina</i> subspecies
Stinkpot	Eastern Musk Turtle
<i>Stizostedion vitreum glaucum</i>	<i>Sander vitreus glaucus</i>
Streaked Horned Lark	Horned Lark <i>strigata</i> subspecies
Striped Bass (St. Lawrence Estuary population)	Striped Bass (St. Lawrence River population)
Striped Wolffish	Atlantic Wolffish
<i>Strix occidentalis</i>	<i>Strix occidentalis caurina</i>
<i>Sylvilagus nuttallii nuttallii</i> (British Columbia population)	<i>Sylvilagus nuttallii nuttallii</i>
<i>Sylvilagus nuttallii pinetis</i> (Prairie population)	<i>Sylvilagus nuttallii pinetis</i>
<i>Symphotrichum subulatum</i>	<i>Symphotrichum subulatum</i> (Bathurst population)
Tailed Frog (Pacific Coast population)	Coastal Tailed Frog
Tailed Frog (Southern Mountain population)	Rocky Mountain Tailed Frog
Tall Woolly-heads (Pacific population)	Tall Woolly-heads
Tiny Cryptanthe	Tiny Cryptantha
<i>Tortula laevipila</i>	<i>Syntrichia laevipila</i>
<i>Triphysaria versicolor</i> ssp. <i>versicolor</i>	<i>Triphysaria versicolor</i>
Van Brunt's Jacob's Ladder	Van Brunt's Jacob's-ladder
Vananda Creek Benthic Stickleback	Vananda Creek Benthic Threespine Stickleback
Vananda Creek Limnetic Stickleback	Vananda Creek Limnetic Threespine Stickleback
<i>Virgulus sericeus</i>	<i>Symphotrichum sericeum</i>
Vole Ears	Vole Ears Lichen
Water-pennywort	Water Pennywort
Western Blue-flag	Western Blue Flag
Western Brook Lamprey	Western Brook Lamprey (Morrison Creek population)
Western Harvest Mouse (British Columbia population)	Western Harvest Mouse <i>megalotis</i> subspecies
Western Harvest Mouse (Prairie population)	Western Harvest Mouse <i>dychei</i> subspecies
Western Prairie Fringed Orchid	Western Prairie Fringed-orchid
Western Silver-leaved Aster	Western Silvery Aster
Western Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat <i>auricollis</i> subspecies (Southern Mountain population)
Western Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat <i>auricollis</i> subspecies (Prairie population)
Whip-poor-will	Eastern Whip-poor-will

# NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Willow Aster	Willowleaf Aster
<i>Wilsonia canadensis</i>	<i>Cardellina canadensis</i>
<i>Wilsonia citrina</i>	<i>Setophaga citrina</i>
Winter Skate (Southern Gulf population)	Winter Skate (Southern Gulf of St. Lawrence population)
Woodland Caribou (Queen Charlotte Islands population)	Caribou <i>dawsoni</i> subspecies
Woodland Caribou Dawson's subspecies	Caribou <i>dawsoni</i> subspecies
Yellow Montane Violet	Yellow Montane Violet <i>praemorsa</i> subspecies
Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat <i>auricollis</i> subspecies (Southern Mountain population)
Yellow-breasted Chat (Eastern population)	Yellow-breasted Chat <i>virens</i> subspecies
Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat <i>auricollis</i> subspecies (Prairie population)
Yellow-breasted Chat <i>auricollis</i> subspecies (British Columbia population)	Yellow-breasted Chat <i>auricollis</i> subspecies (Southern Mountain population)

**COSEWIC**  
Committee on the Status  
of Endangered Wildlife  
in Canada



**COSEPAC**  
Comité sur la situation  
des espèces en péril  
au Canada

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) was created in 1977 as a result of a recommendation at the Federal-Provincial Wildlife Conference held in 1976.

It arose from the need for a single, official, scientifically sound, national classification of wildlife species at risk. In 1978, COSEWIC designated its first wildlife species and produced its first list of Canadian wildlife species at risk.

In 2002, COSEWIC celebrated 25 years of science-based assessment of the status of wildlife species at risk in Canada.

On June 5th 2003, the Species at Risk Act (SARA) was proclaimed. SARA establishes COSEWIC as an advisory body, ensuring that wildlife species will continue to be assessed using the best available scientific, community, and Aboriginal Traditional Knowledge.

The Aboriginal Traditional Knowledge (ATK) Subcommittee held its inaugural meeting in February 2006. The ATK Subcommittee has recently developed the COSEWIC ATK Process and Protocols Guidelines. The ATK Subcommittee is currently implementing these guidelines in order to integrate ATK into the wildlife species assessment process.

Even after over thirty-five years of existence, COSEWIC continues to evolve and to fine-tune its operations in an effort to do its job in the best possible manner.



Environment  
Canada

Canadian Wildlife  
Service

Environnement  
Canada

Service canadien  
de la faune

Canada

The Canadian Wildlife Service, Environment Canada, provides full administrative and financial support to the COSEWIC Secretariat.

