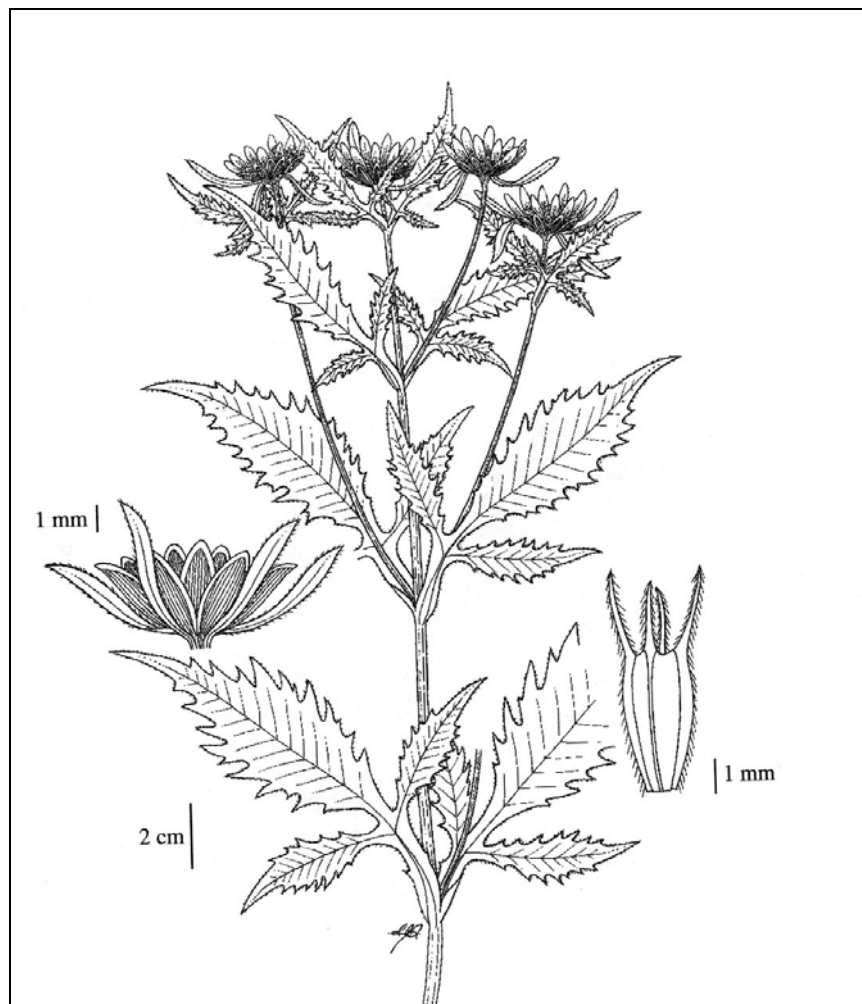


CANADIAN SPECIES AT RISK

NOVEMBER 2001



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

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ABOUT COSEWIC

COSEWIC Mandate

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) determines the national status of wild species, subspecies, varieties, and nationally significant populations that are considered to be at risk in Canada. Designations are made on all native species for the following taxonomic groups: mammals, birds, reptiles, amphibians, fish, lepidopterans, molluscs, vascular plants, mosses, and lichens.

COSEWIC Membership

COSEWIC comprises representatives from each provincial and territorial government wildlife agency, four federal agencies (Canadian Wildlife Service, Parks Canada Agency, Department of Fisheries and Oceans, and the Federal Biosystematic Partnership), three nonjurisdictional members and the co-chairs of the species specialist groups. The committee meets to consider status reports on candidate species.

Definitions

Species	Any indigenous species, subspecies, variety, or geographically defined population of wild fauna and flora.
Extinct (X)	A species that no longer exists.
Extirpated (XT)	A species no longer existing in the wild in Canada, but occurring elsewhere.
Endangered (E)	A species facing imminent extirpation or extinction.
Threatened (T)	A species likely to become endangered if limiting factors are not reversed.
Special Concern (SC)*	A species of special concern because of characteristics that make it particularly sensitive to human activities or natural events.
Not at Risk (NAR)**	A species that has been evaluated and found to be not at risk.
Data Deficient (DD)***	A species for which there is insufficient scientific information to support status designation.

* 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

COSEWIC Species at risk, not at risk and data deficient

Summary of List 1. COSEWIC list of species at risk, including results from November 2001 meeting.

CATEGORY / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Mammals	2	4	16	14	25	61
Birds	3	2	20	8	21	54
Reptiles		2	5	8	6	21
Amphibians		1	5	5	7	18
Fishes	6	2	10	21	37	76
Lepidopterans		3	3	2	2	10
Molluscs	1	1	7	1	1	11
Vascular Plants		2	49	34	44	129
Mosses			2	1		3
Lichens			1		3	4
TOTALS	12	17	118	94	146	387

Summary of List 2. COSEWIC list of species not at risk, including results from November 2001 meeting.

CATEGORY / STATUS	NOT AT RISK
Mammals	47
Birds	35
Reptiles	1
Amphibians	12
Fishes	31
Lepidopterans	
Molluscs	1
Vascular Plants	16
Mosses	
Lichens	
TOTALS	143

Summary of List 3. COSEWIC list of data deficient species including results from November 2001 meeting.

CATEGORY / STATUS	DATA DEFICIENT
Mammals	8
Birds	3
Reptiles	
Amphibians	
Fishes	6
Lepidopterans	
Molluscs	2
Vascular Plants	4
Mosses	
Lichens	
TOTALS	23

Results of November 2001 COSEWIC meeting

November 2001 species by status and taxon

CATEGORY / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Mammals			1	2	3		1	7
Birds				2	6			8
Reptiles				2				2
Amphibians		1	1	2	1	2		7
Fishes				3	3			6
Lepidopterans					1			1
Molluscs						1	1	2
Vascular Plants				1	4			5
Mosses			1	1				2
Lichens								0
TOTALS	0	1	3	13	18	3	2	40

November 2001 species by status and type of change in status

CATEGORY / STATUS CHANGE*	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New		1	3	2	2	3	1	12
Uplisted (↑)				11				11
Downlisted (↓)								0
No Change (↔)					16		1	17
Changed (⊙)								0
De-listed (✓)								0
TOTALS	0	1	3	13	18	3	2	40

* Explanation of terms on following page.

COSEWIC LISTS

The lists that follow are organized by status category and then by taxonomic group. Explanation of symbols and abbreviations is provided below. For each species, the information provided includes the common name, scientific name, population name, and range of occurrence (by province/territory/ ocean). The most recent date of examination by COSEWIC is shown, and symbols provide information the outcome of status re-examinations (e.g., uplisting, downlisting) and basis of re-examination for species evaluated against the new quantitative criteria. For birds, geographical occurrence includes the Canadian breeding and wintering distribution.

The first COSEWIC “Endangered Species List” was issued in 1978. In 1990, it was decided that all species considered by COSEWIC should be listed even if the species were “not at risk” or “data deficient.” Therefore, this document is divided into three separate lists. List 1 includes Species designated as Extinct, Extirpated, Endangered, Threatened or Special Concern. List 2 includes species examined and designated in the Not at Risk category. List 3 includes species examined and designated in the Data Deficient category because of insufficient scientific information, with geographical occurrence and most recent date of examination.

Explanation of symbols

Re-assessments and new species

- ↑ Species placed in a higher risk category (uplisted) after re-examination on the date shown.
 - ↓ Species placed in a lower risk category (downlisted) after re-examination on the date shown.
 - ↔ Species stays in the same risk category (no change) after re-examination on the date shown.
 - ✓ Species moved to the Not at Risk category from a risk category (de-listed) on the date shown.
 - ⊙ Species moved to the Data Deficient Category from a risk category, or to a risk category from the Data Deficient Category (changed), on the date shown.
- (no arrow) New species examined on the date shown.

Evaluation with COSEWIC’s new quantitative criteria

COSEWIC has recently begun using quantitative criteria to assess species’ risk of extinction. These criteria were adapted from the criteria used by the World Conservation Union (IUCN) and have been used by COSEWIC since October 1999.

- △ or △+ Species has been assessed with new quantitative criteria based on a **new** status report or an update status report. A plus sign (+) indicates the report has an addendum.
- ⊠ or ⊠+ Species re-assessed with new quantitative criteria using an **existing** status report. A plus sign (+) indicates the report has an addendum.

Geographical occurrence abbreviations

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		
NF	Newfoundland and Labrador	PE	Prince Edward Island		

List 1. Species designated in the five "risk" categories, with geographical occurrence (by province / territory / ocean) and year of designation. For extinct and extirpated species, the approximate date of disappearance is indicated and geographical occurrence is based on historical distribution records.

EXTINCT CATEGORY (12)

			Extinction Date	Examination Date
Mammals (2)				
△ ↔ Caribou Dawson's subspecies, Woodland	<i>Rangifer tarandus dawsoni</i>	BC	1920s	May 2000
△ ↔ Mink, Sea	<i>Mustela macrodon</i>	Atlantic coastal waters	1894	May 2000
Birds (3)				
△ ↔ Auk, Great	<i>Pinguinus impennis</i>	QC NB NS NF	1844	May 2000
△ ↔ Duck, Labrador	<i>Camptorhynchus labradorius</i>	QC NB NS NF	1875	May 2000
△ ↔ Pigeon, Passenger	<i>Ectopistes migratorius</i>	SK MB ON QC NB NS PE	1914	May 2000
Reptiles (0)				
Amphibians (0)				
Fishes (6)				
△ ↔ Cisco, Deepwater	<i>Coregonus johanna</i>	ON	1952	May 2000
△ ↔ Cisco, Longjaw	<i>Coregonus alpenae</i>	ON	1975	May 2000
△ ↔ Dace, Banff Longnose	<i>Rhinichthys cataractae smithi</i>	AB	1986	May 2000
△ ↔ Stickleback, Benthic Hadley Lake	<i>Gasterosteus</i> sp.	BC	1999	May 2000
△ ↔ Stickleback, Limnetic Hadley Lake	<i>Gasterosteus</i> sp.	BC	1999	May 2000
△ ↔ Walleye, Blue	<i>Stizostedion vitreum glaucum</i>	ON	1965	May 2000
Lepidopterans (0)				
Molluscs (1)				
△ ↔ Limpet, Eelgrass	<i>Lottia alveus alveus</i>	QC NS NF	1929	May 2000
Plants (0)				
Mosses (0)				
Lichens (0)				

EXTIRPATED CATEGORY (17)

				Extirpation Date	Examination Date
Mammals (4)					
△ ↔ Bear, Grizzly	<i>Ursus arctos</i>	Prairie population	AB SK MB	1880s	May 2000
△ ↔ Ferret, Black-footed	<i>Mustela nigripes</i>		AB SK MB	1974	May 2000
△ ↔ Walrus, Atlantic	<i>Odobenus rosmarus rosmarus</i>	Northwest Atlantic population	Atlantic Ocean	mid 19th century	May 2000
△ ↔ Whale, Grey	<i>Eschrichtius robustus</i>	Atlantic population	Atlantic Ocean	before end of 1800s	May 2000
Birds (2)					
△ ↔ Grouse, Sage	<i>Centrocercus urophasianus phaios</i>	British Columbia population	BC	not observed since 1960s	May 2000
△ ↔ Prairie-Chicken, Greater	<i>Tympanuchus cupido</i>		AB SK MB ON	last reported in 1987 in Saskatchewan	
Reptiles (2)					
△ ↔ Lizard, Pygmy Short-horned	<i>Phrynosoma douglassii douglassii</i>	British Columbia population	BC	last reported in 1898, near Osoyoos, BC	May 2000
△ Rattlesnake, Timber	<i>Crotalus horridus</i>		ON	1941	May 2001
Amphibians (1)					
△ Salamander, Tiger	<i>Ambystoma tigrinum</i>	Great Lakes population	ON		Nov 2001
Fishes (2)					
△ ↔ Chub, Gravel	<i>Erimystax x-punctatus</i>		ON	last reported in 1958, Thames River drainage	May 2000
△ ↔ Paddlefish	<i>Polyodon spathula</i>		ON	1917	May 2000
Lepidopterans (3)					
△ ↔ Blue, Karner	<i>Lycaeides melissa samuelis</i>		ON	1991	May 2000
△ ↔ Elfin, Frosted	<i>Callophrys [Incisalia] irus</i>		ON	1988	May 2000
△ ↔ Marble, Island	<i>Euchloe ausonides</i>		BC	before 1910	May 2000
Molluscs (1)					
△ ↔ Wedgemussel, Dwarf	<i>Alasmidonta heterodon</i>		NB	1968	May 2000
Plants (2)					
△ ↔ 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
Mosses (0)					
Lichens (0)					

ENDANGERED CATEGORY (118)

Mammals (16)

△	Badger <i>jacksoni</i> subspecies, American	<i>Taxidea taxus jacksoni</i>		ON	May 2000
△	Badger <i>jeffersonii</i> subspecies, American	<i>Taxidea taxus jeffersonii</i>		BC	May 2000
	Caribou, Peary	<i>Rangifer tarandus pearyi</i>	Banks Island population	NT	Apr 1991
	Caribou, Peary	<i>Rangifer tarandus pearyi</i>	High Arctic population	NT NU	Apr 1991
△ ↑	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Atlantic-Gaspésie population	QC	May 2000
△ ↔	Fox, Swift	<i>Vulpes velox</i>		AB SK	May 2000
△ ⁺ ↔	Marmot, Vancouver Island	<i>Marmota vancouverensis</i>		BC	May 2000
△ ↔	Marten, American	<i>Martes americana atrata</i>	Newfoundland population	NF	May 2000
	Whale, Beluga	<i>Delphinapterus leucas</i>	Ungava Bay population	NU QC Arctic Ocean	Apr 1988
	Whale, Beluga	<i>Delphinapterus leucas</i>	Southeast Baffin Island-Cumberland Sound	NU NF Arctic Ocean	Apr 1990
↔	Whale, Beluga	<i>Delphinapterus leucas</i>	St. Lawrence River population	QC	Apr 1997
	Whale, Bowhead	<i>Balaena mysticetus</i>	Eastern Arctic population	NU Arctic Ocean	Apr 1980
	Whale, Bowhead	<i>Balaena mysticetus</i>	Western Arctic population	YT NT NU Arctic Ocean	Apr 1986
△ ⁺	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific southern resident population	Pacific Ocean	Nov 2001
↔	Whale, Right	<i>Eubalaena glacialis</i>		Atlantic Ocean Pacific Ocean	Apr 1990
	Wolverine	<i>Gulo gulo</i>	Eastern population	QC NF	Apr 1989

Birds (20)

△ ↑	Bobwhite, Northern	<i>Colinus virginianus</i>		ON	Apr 1994
△ ↑	Chat, Western Yellow-breasted	<i>Icteria virens auricollis</i>	British Columbia population	BC	Nov 2000
△ ↔	Crane, Whooping	<i>Grus americana</i>		NT AB	Nov 2000
△ ↔	Curlew, Eskimo	<i>Numenius borealis</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	May 2000
△ ↔	Flycatcher, Acadian	<i>Empidonax virescens</i>		ON	Nov 2000
△ ↔	Grouse, Sage	<i>Centrocercus urophasianus urophasianus</i>	Prairie population	AB SK	May 2000
△ ↔	Owl, Barn	<i>Tyto alba</i>	Eastern population	ON QC	May 2000
△ ↔	Owl, Burrowing	<i>Athene cunicularia</i>		BC AB SK MB	May 2000
△ ↔	Owl, Northern Spotted	<i>Strix occidentalis caurina</i>		BC	May 2000
△	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 NS PE NF	May 2001
△ ↔	Plover, Mountain	<i>Charadrius montanus</i>		AB SK	Nov 2000
△ ↔	Rail, King	<i>Rallus elegans</i>		ON	Nov 2000
△ ↔	Shrike, Eastern Loggerhead	<i>Lanius ludovicianus migrans</i>		MB ON QC	Nov 2000
△ ↔	Sparrow, Henslow's	<i>Ammodramus henslowii</i>		ON	Nov 2000
△ ↔	Tern, Roseate	<i>Sterna dougallii</i>		QC NB NS	Oct 1999
△ ↔	Thrasher, Sage	<i>Oreoscoptes montanus</i>		BC AB SK	Nov 2000
△ ↔	Warbler, Kirtland's	<i>Dendroica kirtlandii</i>		ON	May 2000
△ ↔	Warbler, Prothonotary	<i>Protonotaria citrea</i>		ON	May 2000
△ ↑	Woodpecker, White-headed	<i>Picoides albolarvatus</i>		BC	Nov 2000

Reptiles (5)

	Racer, Blue	<i>Coluber constrictor foxii</i>		ON	Apr 1991
	Snake, Lake Erie Water	<i>Nerodia sipedon insularum</i>		ON	Apr 1991
△	Snake, Night	<i>Hypsiglena torquata</i>		BC	May 2001
△ ↔	Snake, Sharp-tailed	<i>Contia tenuis</i>		BC	Oct 1999
△ ↔	Turtle, Leatherback	<i>Dermochelys coriacea</i>		Pacific Ocean Atlantic Ocean	May 2001

Amphibians (5)

△ ↔	Frog, Northern Cricket	<i>Acris crepitans</i>		ON	May 2001
△ ↔	Frog, Northern Leopard	<i>Rana pipiens</i>	Southern Mountain population	BC	May 2000

ENDANGERED CATEGORY (continued)

△	↔	Frog, Oregon Spotted	<i>Rana pretiosa</i>		BC	May 2000
△		Frog, Rocky Mountain Tailed	<i>Ascaphus montanus</i>		BC	May 2000
△		Salamander, Tiger	<i>Ambystoma tigrinum</i>	Southern Mountain population	BC	Nov 2001
Fishes (10)						
△	↔	Dace, Nooksack	<i>Rhinichthys</i> sp.		BC	May 2000
△	↑	Lamprey, Morrison Creek	<i>Lampetra richardsoni</i>		BC	May 2000
△		Salmon, Atlantic	<i>Salmo salar</i>	Inner Bay of Fundy populations	NB NS (rarely NF) Atlantic Ocean	May 2001
△	↑	Stickleback, Benthic Paxton Lake	<i>Gasterosteus</i> sp.		BC	May 2000
△	↑	Stickleback, Benthic Vananda Creek	<i>Gasterosteus</i> sp.		BC	May 2000
△	↑	Stickleback, Limnetic Paxton Lake	<i>Gasterosteus</i> sp.		BC	May 2000
△	↑	Stickleback, Limnetic Vananda Creek	<i>Gasterosteus</i> sp.		BC	May 2000
		Sucker, Salish	<i>Catostomus</i> sp.		BC	Apr 1986
△	↔	Trout, Aurora	<i>Salvelinus fontinalis timagamiensis</i>		ON	May 2000
△	↔	Whitefish, Atlantic	<i>Coregonus huntsmani</i>		NS	Nov 2000
Lepidopterans (3)						
△		Blue, Island	<i>Plebejus saepiolus insulanus</i>		BC	Nov 2000
△		Checkerspot, Taylor's	<i>Euphydryas editha taylori</i>		BC	Nov 2000
△	↔	Ringlet, Maritime	<i>Coenonympha tullia nipisiquit</i>		QC NB	May 2000
Molluscs (7)						
△	↔	Bean, Rayed	<i>Villosa fabalis</i>		ON	May 2000
△	↔	Lampmussel, Wavy-rayed	<i>Lampsilis fasciola</i>		ON	Oct 1999
△		Mussel, Mudpuppy	<i>Simpsonais ambigua</i>		ON	May 2001
△	↔	Physa, Hotwater	<i>Physella wrighti</i>		BC	May 2000
△ ⁺	↔	Riffleshell, Northern	<i>Epioblasma torulosa rangiana</i>		ON	May 2000
△	↑	Snail, Banff Springs	<i>Physella johnsoni</i>		AB	May 2000
△		Snuffbox	<i>Epioblasma triquetra</i>		ON	May 2001
Plants (49)						
△ ⁺	↔	Agalinis, Gattinger's	<i>Agalinis gattingeri</i>		ON	May 2001
△	↔	Agalinis, Skinner's	<i>Agalinis skinneriana</i>		ON	May 2000
△	↔	Ammannia, Scarlet	<i>Ammannia robusta</i>		BC ON	May 2001
△	↔	Avens, Eastern Mountain	<i>Geum peckii</i>		NS	May 2000
△	↔	Balsamorhiza, Deltoid	<i>Balsamorhiza deltoidea</i>		BC	May 2000
△	↔	Bluehearts	<i>Buchnera americana</i>		ON	May 2000
△ ⁺	↔	Braya, Long's	<i>Braya longii</i>		NF	May 2000
△		Bugbane, Tall	<i>Cimicifuga elata</i>		BC	May 2001
△	↑	Bulrush, Bashful	<i>Trichophorum planifolium</i>		ON	May 2000
△	↔	Bush-clover, Slender	<i>Lespedeza virginica</i>		ON	May 2000
△	↔	Buttercup, Water-plantain	<i>Ranunculus alismaefolius</i> var. <i>alismaefolius</i>		BC	May 2000
△	↔	Cactus, Eastern Prickly Pear	<i>Opuntia humifusa</i>		ON	May 2000
△	↔	Coreopsis, Pink	<i>Coreopsis rosea</i>		NS	May 2000
△	↔	Cryptanthe, Tiny	<i>Cryptantha minima</i>		AB SK	May 2000
△	↔	Fern, Southern Maidenhair	<i>Adiantum capillus-veneris</i>		BC	May 2000
△	↔	Gentian, White Prairie	<i>Gentiana alba</i>		ON	May 2001
△	↔	Ginseng, American	<i>Panax quinquefolium</i>		ON QC	May 2000
△ ⁺	↑	Goat's-rue, Virginia	<i>Tephrosia virginiana</i>		ON	May 2000
△	↔	Goldenrod, Showy	<i>Solidago speciosa</i> var. <i>rigidiuscula</i>		ON	May 2000
△	↔	Lady's-slipper, Small White	<i>Cypripedium candidum</i>		MB ON	May 2000
△	↔	Lotus, Seaside Birds-foot	<i>Lotus formosissimus</i>		BC	May 2000
△	↔	Lousewort, Furbish's	<i>Pedicularis furbishiae</i>		NB	May 2000
△	↔	Lupine, Prairie	<i>Lupinus lepidus</i> var. <i>lepidus</i>		BC	May 2000
△	↔	Milkwort, Pink	<i>Polygala incarnata</i>		ON	May 2000
△	↔	Mountain-mint, Hoary	<i>Pycnanthemum incanum</i>		ON	May 2000
△	↔	Mulberry, Red	<i>Morus rubra</i>		ON	May 2000
△	↔	Orchid, Western Prairie Fringed	<i>Platanthera praeclara</i>		MB	May 2000
△	↔	Owl-clover, Bearded	<i>Triphysaria versicolor</i> ssp. <i>versicolor</i>		BC	May 2000

ENDANGERED CATEGORY (continued)

△ ⁺	↑	Paintbrush, Golden	<i>Castilleja levisecta</i>		BC	May 2000
△	↔	Plantain, Heart-leaved	<i>Plantago cordata</i>		ON	May 2000
△	↔	Pogonia, Large Whorled	<i>Isotria verticillata</i>		ON	May 2000
△	↔	Pogonia, Nodding	<i>Triphora trianthophora</i>		ON	May 2000
△	↔	Pogonia, Small Whorled	<i>Isotria medeoloides</i>		ON	May 2000
△	↔	Quillwort, Engelmann's	<i>Isoetes engelmannii</i>		ON	May 2001
△		Sanicle, Bear's-foot	<i>Sanicula arctopoides</i>		BC	May 2001
△	↑	Sedge, False Hop	<i>Carex lupuliformis</i>		ON QC	May 2000
△	↔	Sedge, Juniper	<i>Carex juniperorum</i>		ON	May 2000
△		Spike-rush, Horsetail	<i>Eleocharis equisetoides</i>		ON	Nov 2000
△	↔	Sundew, Thread-leaved	<i>Drosera filiformis</i>		NS	May 2001
△	↔	Thistle, Pitcher's	<i>Cirsium pitcheri</i>		ON	May 2000
△	↔	Toothcup	<i>Rotala ramosior</i>		BC ON	May 2000
△	↔	Tree, Cucumber	<i>Magnolia acuminata</i>		ON	May 2000
△	↔	Trillium, Drooping	<i>Trillium flexipes</i>		ON	May 2000
△ ⁺	↔	Twayblade, Purple	<i>Liparis liliifolia</i>		ON	May 2001
△		Willow, Barrens	<i>Salix jejuna</i>		NF	May 2001
△	↔	Wintergreen, Spotted	<i>Chimaphila maculata</i>		ON	May 2000
△ ⁺	↔	Wood-poppy	<i>Stylophorum diphyllum</i>		ON	May 2000
△	↑	Woodsia, Blunt-lobed	<i>Woodsia obtusa</i>		ON QC	May 2000
△		Woolly-heads, Tall	<i>Psilocarphus elatior</i>	Pacific population	BC	May 2001
Mosses (2)						
△		Moss, Poor Pocket	<i>Fissidens pauperculus</i>		BC	Nov 2001
△ ⁺	↑	Moss, Rigid Apple	<i>Bartramia stricta</i>		BC	May 2000
Lichens (1)						
△	↔	Seaside Centipede	<i>Heterodermia sitchensis</i>		BC	May 2000

THREATENED CATEGORY (94)

Mammals (14)

△	↑	Bat, Pallid	<i>Antrozous pallidus</i>		BC	May 2000
△	↔	Bison, Wood	<i>Bison bison athabascae</i>		YT NT BC AB	May 2000
		Caribou, Peary	<i>Rangifer tarandus pearyi</i>	Low Arctic population	NT NU	Apr 1991
△		Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Boreal population	NT BC AB SK MB	May 2000
					ON QC NF	
△		Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Southern Mountain population	BC AB	May 2000
△	↑	Ermine <i>haidarum</i> subspecies	<i>Mustela erminea haidarum</i>		BC	May 2001
		Mole, Townsend's	<i>Scapanus townsendii</i>		BC	Apr 1996
△	↔	Otter, Sea	<i>Enhydra lutris</i>		Pacific coastal waters	May 2000
	↔	Porpoise, Harbour	<i>Phocoena phocoena</i>	Northwest Atlantic population	Atlantic Ocean	Apr 1991
△ ⁺	↔	Shrew, Pacific Water	<i>Sorex bendirii</i>		BC	May 2000
		Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern Hudson Bay population	QC Atlantic Ocean	Apr 1988
		Whale, Humpback	<i>Megaptera novaeangliae</i>	North Pacific population	Pacific Ocean	Apr 1985
△ ⁺		Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific northern resident population	Pacific Ocean	Nov 2001
△ ⁺	↑	Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific transient population	Pacific Ocean	Nov 2001

Birds (8)

△	↑	Bittern, Least	<i>Ixobrychus exilis</i>		MB ON QC NB	Nov 2001
△	↔	Falcon, Anatum Peregrine	<i>Falco peregrinus anatum</i>		YT NT NU BC AB SK	May 2000
					MB ON QC NB NS NF	
△	↑	Goshawk, Queen Charlotte	<i>Accipiter gentilis laingi</i>		BC	Nov 2000
△	↑	Gull, Ross's	<i>Rhodostethia rosea</i>		NT NU MB	Nov 2001
△	↔	Murrelet, Marbled	<i>Brachyramphus marmoratus</i>		BC	Nov 2000
△	↔	Pipit, Sprague's	<i>Anthus spragueii</i>		AB SK MB	May 2000
		Shrike, Prairie Loggerhead	<i>Lanius ludovicianus excubitorides</i>		AB SK MB	Apr 1986
△	↔	Warbler, Hooded	<i>Wilsonia citrina</i>		ON	Nov 2000

Reptiles (8)

△	↑	Gartersnake, Butler's	<i>Thamnophis butleri</i>		ON	Nov 2001
		Rattlesnake, Eastern Massasauga	<i>Sistrurus catenatus catenatus</i>		ON	Apr 1991
△	↔	Snake, Black Rat	<i>Elaphe obsoleta obsoleta</i>		ON	May 2000
△	↔	Snake, Eastern Fox	<i>Elaphe vulpina gloydi</i>		ON	May 2000
△	↑	Snake, Eastern Hog-nosed	<i>Heterodon platirhinos</i>		ON	Nov 2001
△	↔	Snake, Queen	<i>Regina septemvittata</i>		ON	May 2000
		Turtle, Blanding's	<i>Emydoidea blandingi</i>	Nova Scotia population	NS	Apr 1993
		Turtle, Spiny Softshell	<i>Apalone spinifera</i>		ON QC	Apr 1991

Amphibians (5)

△ ⁺	↑	Salamander, Allegheny Mountain Dusky	<i>Desmognathus ochrophaeus</i>		QC	Nov 2001
△		Salamander, Jefferson	<i>Ambystoma jeffersonianum</i>		ON	Nov 2000
△	↑	Salamander, Pacific Giant	<i>Dicamptodon tenebrosus</i>		BC	Nov 2000
△	↑	Spadefoot, Great Basin	<i>Spea intermontana</i>		BC	Nov 2001
△ ⁺	↔	Toad, Fowler's	<i>Bufo fowleri</i>		ON	Nov 2000

Fishes (21)

△ ⁺	↑	Chubsucker, Lake	<i>Erimyzon sucetta</i>		ON	Nov 2001
		Cisco, Blackfin	<i>Coregonus nigripinnis</i>		ON	Apr 1988
		Cisco, Shortjaw	<i>Coregonus zenithicus</i>		NT AB SK MB ON	Apr 1987
		Cisco, Shortnose	<i>Coregonus reighardi</i>		ON	Apr 1987
		Darter, Channel	<i>Percina copelandi</i>		ON QC	Apr 1993
△	↔	Darter, Eastern Sand	<i>Ammocrypta pellucida</i>		ON QC	Nov 2000
△	↑	Gar, Spotted	<i>Lepisosteus oculatus</i>		ON	Nov 2000
△	↑	Lamprey, Cowichan Lake	<i>Lampetra macrostoma</i>		BC	Nov 2000
		Madtom, Margined	<i>Noturus insignis</i>		ON QC	Apr 1989
△ ⁺	↑	Minnow, Western Silvery	<i>Hybognathus argyritis</i>		AB	Nov 2001
		Redhorse, Black	<i>Moxostoma duquesnei</i>		ON	Apr 1988
		Redhorse, Copper	<i>Moxostoma hubbsi</i>		QC	Apr 1987
△	↑	Sculpin, Cultus Pygmy	<i>Cottus</i> sp.		BC	Nov 2000
		Sculpin, Deepwater	<i>Myoxocephalus thompsoni</i>	Great Lakes populations	ON	Apr 1987

THREATENED CATEGORY (continued)

△	↔	Sculpin, Shorthead	<i>Cottus confusus</i>		BC	May 2001
△	↑	Shiner, Rosyface	<i>Notropis rubellus</i>	Manitoba population	MB	Nov 2001
△	↔	Smelt, Lake Utopia Dwarf	<i>Osmerus</i> sp.		NB	May 2000
		Sticklebacks, Enos Lake	<i>Gasterosteus</i> spp.		BC	Apr 1988
		Whitefish, Lake	<i>Coregonus clupeaformis</i>	Lake Simcoe population	ON	Apr 1987
△		Wolffish, Northern	<i>Anarhichas denticulatus</i>		Arctic Ocean Atlantic Ocean	May 2001
△		Wolffish, Spotted	<i>Anarhichas minor</i>		Arctic Ocean Atlantic Ocean	May 2001
Lepidopterans (2)						
△		Hairstreak, Behr's (Columbia)	<i>Satyrium behrii columbia</i>		BC	Nov 2000
△		Skipper, Dun	<i>Euphyes vestris</i>	Western population	BC	Nov 2000
Molluscs (1)						
△	↔	Abalone, Northern	<i>Haliotis kamtschatkana</i>		Pacific coastal waters	May 2000
Plants (34)						
△	↔	Aster, Anticosti	<i>Symphyotrichum anticostense</i>		QC NB	May 2000
△	↑	Aster, Western Silver-leaved	<i>Symphyotrichum sericeum</i>		MB ON	May 2000
		Aster, White Wood	<i>Eurybia divaricata</i>		ON QC	Apr 1995
△ ⁺	↔	Aster, White-top	<i>Sericocarpus rigidus</i>		BC	May 2000
△	↑	Blazing Star, Dense	<i>Liatris spicata</i>		ON	May 2001
△	↔	Blue-flag, Western	<i>Iris missouriensis</i>		AB	May 2000
△ ⁺	↔	Braya, Fernald's	<i>Braya fernaldii</i>		NF	May 2000
△	↑	Buffalograss	<i>Buchloë dactyloides</i>		SK MB	Nov 2001
		Chestnut, American	<i>Castanea dentata</i>		ON	Apr 1987
△	↔	Coffee-tree, Kentucky	<i>Gymnocladus dioicus</i>		ON	Nov 2000
△	↔	Colicroot	<i>Aletris farinosa</i>		ON	Nov 2000
△		Corydalis, Scouler's	<i>Corydalis scouleri</i>		BC	May 2001
△	↔	Deerberry	<i>Vaccinium stamineum</i>		ON	Nov 2000
△	↔	Fern, Mexican Mosquito	<i>Azolla mexicana</i>		BC	May 2000
△	↔	Gentian, Plymouth	<i>Sabatia kennedyana</i>		NS	May 2000
△	↔	Golden Crest	<i>Lophiola aurea</i>		NS	May 2000
△	↔	Goldenseal	<i>Hydrastis canadensis</i>		ON	May 2000
△ ⁺	↔	Greenbrier, Round-leaved	<i>Smilax rotundifolia</i>	Great Lakes Plains population	ON	May 2001
		Jacob's Ladder, van Brunt's	<i>Polemonium van-bruntiae</i>		QC	Apr 1994
△		Lily, Lyall's Mariposa	<i>Calochortus lyallii</i>		BC	May 2001
		Lipocarpha, Small-flowered	<i>Lipocarpha micrantha</i>		BC ON	Apr 1992
△ ⁺	↓	Mouse-ear-cress, Slender	<i>Halimolobos virgata</i>		AB SK	May 2000
△	↑	Orchid, Phantom	<i>Cephalanthera austiniiae</i>		BC	May 2000
△ ⁺	↔	Prairie-clover, Hairy	<i>Dalea villosa</i> var. <i>villosa</i>		SK MB	May 2000
△	↔	Redroot	<i>Lachnanthes caroliana</i>		NS	May 2000
△		Sanicle, Purple	<i>Sanicula bipinnatifida</i>		BC	May 2001
△	↑	Soapweed	<i>Yucca glauca</i>		AB	May 2000
		Spiderwort, Western	<i>Tradescantia occidentalis</i>		AB MB	Apr 1992
△		Spike-rush, Tubercled	<i>Eleocharis tuberculosa</i>		NS	May 2000
		Verbena, Sand	<i>Abronia micrantha</i>		AB SK	Apr 1992
		Violet, Bird's-foot	<i>Viola pedata</i>		ON	Apr 1990
△	↔	Violet, Yellow Montane	<i>Viola praemorsa</i> ssp. <i>praemorsa</i>		BC	May 2000
△	↔	Water-pennywort	<i>Hydrocotyle umbellata</i>		NS	May 2000
△	↔	Water-willow, American	<i>Justicia americana</i>		ON QC	May 2000
Mosses (1)						
△		Moss, Haller's Apple	<i>Bartramia halleriana</i>		BC AB	Nov 2001
Lichens (0)						

SPECIAL CONCERN CATEGORY (146)

Mammals (25)				
		Bat, Fringed	<i>Myotis thysanodes</i>	BC Apr 1988
		Bat, Keen's Long-eared	<i>Myotis keenii</i>	BC Apr 1988
		Bat, Spotted	<i>Euderma maculatum</i>	BC Apr 1988
	↔	Bear, Grizzly	<i>Ursus arctos</i>	YT NT NU BC AB Apr 1991
	↔	Bear, Polar	<i>Ursus maritimus</i>	YT NT NU MB ON Apr 1999
△	↔	Beaver, Mountain	<i>Aplodontia rufa</i>	QC NF BC Nov 2001
		Cottontail, Nuttall's	<i>Sylvilagus nuttallii nuttallii</i>	British Columbia population BC Apr 1994
		Fox, Grey	<i>Urocyon cinereoargenteus</i>	MB ON QC Apr 1979
△	↔	Kangaroo Rat, Ord's	<i>Dipodomys ordii</i>	AB SK Apr 1995
		Mole, Eastern	<i>Scalopus aquaticus</i>	ON Nov 2000
		Mouse, Western Harvest	<i>Reithrodontomys megalotis megalotis</i>	British Columbia population BC Apr 1994
△	↔	Prairie Dog, Black-tailed	<i>Cynomys ludovicianus</i>	SK Nov 2000
		Seal, Harbour	<i>Phoca vitulina mellonae</i>	Lac des Loups Marins landlocked population QC Apr 1996
		Shrew, Gaspé	<i>Sorex gaspensis</i>	QC NB NS Apr 1988
		Squirrel, Southern Flying	<i>Glaucomys volans</i>	ON QC NB NS Apr 1988
△	↔	Vole, Woodland	<i>Microtus pinetorum</i>	ON QC Nov 2001
		Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern High Arctic / Baffin Bay population NU Arctic Ocean Apr 1992
		Whale, Blue	<i>Balaenoptera musculus</i>	Atlantic Ocean Pacific Ocean Apr 1983
		Whale, Fin	<i>Balaenoptera physalus</i>	Atlantic Ocean Pacific Ocean Apr 1987
		Whale, Humpback	<i>Megaptera novaeangliae</i>	Western North Atlantic population Atlantic Ocean Apr 1985
△ ⁺		Whale, Killer	<i>Orcinus orca</i>	Northeast Pacific offshore population Pacific Ocean Nov 2001
		Whale, Northern Bottlenose	<i>Hyperoodon ampullatus</i>	Gully population Atlantic Ocean Apr 1996
		Whale, Sowerby's Beaked	<i>Mesoplodon bidens</i>	Atlantic Ocean Apr 1989
△	⊙	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 Apr 1989
Birds (21)				
△	↔	Chat, Eastern Yellow-breasted	<i>Icteria virens virens</i>	ON Nov 2000
		Curlew, Long-billed	<i>Numenius americanus</i>	BC AB SK Apr 1992
△	↓	Duck, Harlequin	<i>Histrionicus histrionicus</i>	Eastern population NU QC NB NS NF May 2001
△	↔	Falcon, Peale's Peregrine	<i>Falco peregrinus pealei</i>	BC Nov 2001
	↓	Falcon, Tundra Peregrine	<i>Falco peregrinus tundrius</i>	YT NT NU QC NF Apr 1992
△		Goldeneye, Barrow's	<i>Bucephala islandica</i>	Eastern population QC NB NS PE NF Nov 2000
△	↔	Gull, Ivory	<i>Pagophila eburnea</i>	YT NT NU NF Nov 2001
	↓	Hawk, Ferruginous	<i>Buteo regalis</i>	AB SK MB Apr 1995
	↔	Hawk, Red-shouldered	<i>Buteo lineatus</i>	ON QC Apr 1996
		Heron, Pacific Great Blue	<i>Ardea herodias fannini</i>	BC Apr 1997
		Murrelet, Ancient	<i>Synthliboramphus antiquus</i>	BC Apr 1993
△	↔	Owl, Barn	<i>Tyto alba</i>	BC Nov 2001
△	↔	Owl, Flammulated	<i>Otus flammeolus</i>	BC Nov 2001
		Owl, Short-eared	<i>Asio flammeus</i>	YT NT NU BC AB SK MB ON QC NB NS PE NF Apr 1994
△	↔	Rail, Yellow	<i>Coturnicops noveboracensis</i>	NT BC AB SK MB Nov 2001
△	↔	Sparrow, "Ipswich" Savannah	<i>Passerculus sandwichensis princeps</i>	ON QC NB NS May 2000
		Thrush, Bicknell's	<i>Catharus bicknelli</i>	QC NB NS Apr 1999
		Warbler, Cerulean	<i>Dendroica cerulea</i>	ON QC Apr 1993
	↔	Waterthrush, Louisiana	<i>Seiurus motacilla</i>	ON QC Apr 1996
△	↔	Woodpecker, Lewis's	<i>Melanerpes lewis</i>	BC Nov 2001
		Woodpecker, Red-headed	<i>Melanerpes erythrocephalus</i>	SK MB ON QC Apr 1996
Reptiles (6)				
		Lizard, Eastern Short-horned	<i>Phrynosoma douglassii brevirostre</i>	AB SK Apr 1992
		Racer, Eastern Yellow-bellied	<i>Coluber constrictor flaviventris</i>	SK Apr 1991
		Skink, Five-lined	<i>Eumeces fasciatus</i>	ON Apr 1998

SPECIAL CONCERN CATEGORY (continued)

	Skink, Northern Prairie	<i>septentrionalis</i>		MB	Apr 1989
	Turtle, Spotted	<i>Clemmys guttata</i>		ON QC	Apr 1991
	Turtle, Wood	<i>Clemmys insculpta</i>		ON QC NB NS	Apr 1996
Amphibians (7)					
△	Frog, Coast Tailed	<i>Ascaphus truei</i>		BC	May 2000
	Frog, Northern Leopard	<i>Rana pipiens</i>	Prairie population	AB SK MB	Apr 1998
	Frog, Northern Red-legged	<i>Rana aurora</i>		BC	Apr 1999
△ ⁺ ↔	Salamander, Coeur d'Alène	<i>Plethodon idahoensis</i>		BC	Nov 2001
	Salamander, Smallmouth	<i>Ambystoma texanum</i>		ON	Apr 1991
	Salamander, Spring	<i>Gyrinophilus porphyriticus</i>		ON QC	Apr 1999
	Toad, Great Plains	<i>Bufo cognatus</i>		AB SK MB	Apr 1999
Fishes (37)					
	Buffalo, Bigmouth	<i>Ictiobus cyprinellus</i>		SK MB ON	Apr 1989
	Buffalo, Black	<i>Ictiobus niger</i>		ON	Apr 1989
△ ↔	Chub, Silver	<i>Macrhybopsis storeriana</i>		MB ON	May 2001
	Cisco, Spring	<i>Coregonus</i> sp.		QC	Apr 1992
	Cod, Atlantic	<i>Gadus morhua</i>		Atlantic Ocean	Apr 1998
	Dace, Redside	<i>Clinostomus elongatus</i>		ON	Apr 1987
	Dace, Speckled	<i>Rhinichthys osculus</i>		BC	Apr 1980
	Dace, Umatilla	<i>Rhinichthys umatilla</i>		BC	Apr 1988
	Darter, Greenside	<i>Etheostoma blennioides</i>		ON	Apr 1990
	Killifish, Banded	<i>Fundulus diaphanus</i>	Newfoundland population	NF	Apr 1989
	Kiyi	<i>Coregonus kiyi</i>		ON	Apr 1988
	Lamprey, Chestnut	<i>Ichthyomyzon castaneus</i>		SK MB	Apr 1991
	Lamprey, Northern Brook	<i>Ichthyomyzon fossor</i>		MB ON QC	Apr 1991
	Madtom, Northern	<i>Noturus stigmosus</i>		ON	Apr 1998
△ ↔	Minnow, Pugnose	<i>Opsopoeodus emiliae</i>		ON	May 2000
	Prickleback, Pighead	<i>Acantholumpenus mackayi</i>		Arctic Ocean	Apr 1989
	Redhorse, River	<i>Moxostoma carinatum</i>		ON QC	Apr 1987
	Sardine, Pacific	<i>Sardinops sagax</i>		Pacific Ocean	Apr 1987
△	Sculpin, Columbia Mottled	<i>Cottus bairdi hubbsi</i>		BC	May 2000
	Sculpin, Fourhorn	<i>Myoxocephalus quadricornis</i>	Freshwater form	NT NU	Apr 1989
	Shiner, Bigmouth	<i>Notropis dorsalis</i>		MB	Apr 1985
△ ⁺ ↔	Shiner, Bridle	<i>Notropis bifrenatus</i>		ON QC	Nov 2001
	Shiner, Pugnose	<i>Notropis anogenus</i>		ON	Apr 1985
	Shiner, Silver	<i>Notropis photogenis</i>		ON	Apr 1987
	Stickleback, Charlotte	<i>Gasterosteus aculeatus</i>		BC	Apr 1983
	Unarmoured				
	Stickleback, Giant	<i>Gasterosteus</i> sp.		BC	Apr 1980
	Sturgeon, Green	<i>Acipenser medirostris</i>		BC	Apr 1987
	Sturgeon, Shortnose	<i>Acipenser brevirostrum</i>		NB	Apr 1980
	Sturgeon, White	<i>Acipenser transmontanus</i>		BC	Apr 1990
△ ⁺ ↔	Sucker, Spotted	<i>Minytrema melanops</i>		ON	Nov 2001
	Sunfish, Orangespotted	<i>Lepomis humilis</i>		ON	Apr 1989
	Sunfish, Redbreast	<i>Lepomis auritus</i>		NB	Apr 1989
△ ↔	Topminnow, Blackstripe	<i>Fundulus notatus</i>		ON	May 2001
△ ⁺ ↔	Warmouth	<i>Lepomis gulosus</i>		ON	Nov 2001
	Whitefish, Squanga	<i>Coregonus</i> sp.		YT	Apr 1987
△	Wolffish, Atlantic	<i>Anarhichas lupus</i>		North Atlantic Ocean	Nov 2000
	Wolffish, Bering	<i>Anarhichas orientalis</i>		Arctic Ocean	Apr 1989
Lepidopterans (2)					
△ ↔	Monarch	<i>Danaus plexippus</i>		BC AB SK MB ON QC NB NS PE	Nov 2001
△	Weidemeyer's Admiral	<i>Limenitis weidemeyerii</i>		AB	May 2000
Molluscs (1)					
△	Oyster, Olympia	<i>Ostrea conchaphila</i>		BC	Nov 2000
Plants (44)					
△ ↓	Ash, Blue	<i>Fraxinus quadrangulata</i>		ON	Nov 2000
	Aster, Bathurst	<i>Symphotrichum subulatum</i>	Bathurst population	NB	Apr 1992
	Aster, Crooked-stem	<i>Symphotrichum prenanthoides</i>		ON	Apr 1999
	Aster, Gulf of St. Lawrence	<i>Symphotrichum laurentianum</i>		QC NB PE	Apr 1989
	Aster, Willow	<i>Symphotrichum praealtum</i>		ON	Apr 1999
	Bartonia, Branched	<i>Bartonia paniculata</i> ssp.		ON	Apr 1992

SPECIAL CONCERN CATEGORY (continued)

△	Beggarticks, Vancouver Island	<i>paniculata</i> <i>Bidens amplissima</i>	BC	Nov 2001
	Bulrush, Long's	<i>Scirpus longii</i>	NS	Apr 1994
	Columbo, American	<i>Frasera caroliniensis</i>	ON	Apr 1993
△	Fern, American Hart's-tongue	<i>Asplenium scolopendrium</i> var. <i>americanum</i>	ON	Nov 2000
△ ↔	Fern, Broad Beech	<i>Phegopteris hexagonoptera</i>	ON QC	Apr 1983
	Fern, Coastal Wood	<i>Dryopteris arguta</i>	BC	Nov 2001
	Fleabane, Provancher's	<i>Erigeron philadelphicus</i> ssp. <i>provancheri</i>	QC	Apr 1992
	Gentian, Victorin's	<i>Gentianopsis victorinii</i>	QC	Apr 1987
△	Goldenrod, Riddell's	<i>Solidago riddellii</i>	MB ON	Nov 2000
	Goosefoot, Smooth	<i>Chenopodium subglabrum</i>	AB SK MB	Apr 1992
	Green Dragon	<i>Arisaema dracontium</i>	ON QC	Apr 1984
	Hackberry, Dwarf	<i>Celtis tenuifolia</i>	ON	Apr 1985
△ ↔	Hairgrass, Mackenzie	<i>Deschampsia mackenzieana</i>	SK	Nov 2001
	Helleborine, Giant	<i>Epipactis gigantea</i>	BC	Apr 1998
	Hop-tree, Common	<i>Ptelea trifoliata</i>	ON QC	Apr 1984
	Hyacinth, Wild	<i>Camassia scilloides</i>	ON	Apr 1990
	Indian-plantain, Tuberous	<i>Arnoglossum plantagineum</i>	ON	Apr 1999
	Lilaeopsis	<i>Lilaeopsis chinensis</i>	NS	Apr 1987
	Locoweed, Hare-footed	<i>Oxytropis lagopus</i>	AB	Apr 1995
	Meadowfoam, Macoun's	<i>Limnanthes macounii</i>	BC	Apr 1988
△ ↔	Milk-vetch, Fernald's	<i>Astragalus robbinsii</i> var. <i>fernaldii</i>	QC NF	Nov 2001
	Oak, Shumard	<i>Quercus shumardii</i>	ON	Apr 1999
	Orchid, Eastern Prairie Fringed	<i>Platanthera leucophaea</i>	ON	Apr 1986
△ ⁺ ↓	Pepperbush, Sweet	<i>Clethra alnifolia</i>	NS	May 2001
	Pondweed, Hill's	<i>Potamogeton hillii</i>	ON	Apr 1986
	Quillwort, Bolander's	<i>Isoetes bolanderi</i>	AB	Apr 1995
	Rose, Climbing Prairie	<i>Rosa setigera</i>	ON	Apr 1986
	Rose-mallow, Swamp	<i>Hibiscus moscheutos</i>	ON	Apr 1987
	Rue-anemone, False	<i>Enemion biternatum</i>	ON	Apr 1990
	Rush, New Jersey	<i>Juncus caesariensis</i>	NS	Apr 1992
△	Tansy, Floccose	<i>Tanacetum huronense</i> var. <i>floccosum</i>	SK	May 2000
	↓ Thrift, Athabasca	<i>Armeria maritima</i> ssp. <i>interior</i>	SK	Apr 1999
	Water-hemlock, Victorin's	<i>Cicuta maculata</i> var. <i>victorinii</i>	QC	Apr 1987
△	Willow, Felt-leaf	<i>Salix silicicola</i>	NU SK	May 2000
△	Willow, Sand-dune	<i>Salix brachycarpa</i> var.	SK	May 2000
	Short-capsuled			
△	Willow, Turnor's	<i>Salix turnorii</i>	SK	May 2000
△	Woolly-heads, Tall	<i>Psilocarphus elatior</i>	AB SK	May 2001
△	Yarrow, Large-headed Woolly	<i>Achillea millefolium</i> var. <i>megacephalum</i>	SK	May 2000
		Prairie population		

Mosses (0)

Lichens (3)

	Cryptic Paw	<i>Nephroma occultum</i>	BC	Apr 1995
	Oldgrowth Specklebelly	<i>Pseudocyphellaria rainierensis</i>	BC	Apr 1996
	Seaside Bone	<i>Hypogymnia heterophylla</i>	BC	Apr 1996

List 2. Species examined and designated in the NOT AT RISK category with geographical occurrence and date of last examination (143 species).

Mammals (47)					
△		Badger <i>taxus</i> subspecies, American	<i>Taxidae taxus taxus</i>	AB SK MB	May 2000
	↔	Bear, American Black	<i>Ursus americanus</i>	YT NT NU BC AB SK MB ON QC NB NS NF	Apr 1999
△	↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Newfoundland population	NF May 2000
△		Caribou, Woodland	<i>Rangifer tarandus caribou</i>	Northern Mountain population	YT NT BC May 2000
	↔	Cottontail, Nuttall's	<i>Sylvilagus nuttallii pinetis</i>	Prairie population	AB SK Apr 1994
		Dolphin, Atlantic White-sided	<i>Lagenorhynchus acutus</i>	Atlantic Ocean	Apr 1991
		Dolphin, Bottlenose	<i>Tursiops truncatus</i>	Atlantic Ocean	Apr 1993
		Dolphin, Common	<i>Delphinus delphis</i>	Atlantic Ocean Pacific Ocean	Apr 1991
		Dolphin, Northern Right Whale	<i>Lissodelphis borealis</i>	Pacific Ocean	Apr 1990
		Dolphin, Pacific White-sided	<i>Lagenorhynchus obliquidens</i>	Pacific Ocean	Apr 1990
		Dolphin, Risso's	<i>Grampus griseus</i>	Atlantic Ocean Pacific Ocean	Apr 1990
		Dolphin, Striped	<i>Stenella coeruleoalba</i>	Atlantic Ocean Pacific Ocean	Apr 1993
		Dolphin, White-beaked	<i>Lagenorhynchus albirostris</i>	North Atlantic Ocean	Apr 1998
	✓	Gopher, Plains Pocket	<i>Geomys bursarius</i>	MB	Apr 1998
△	↔	Lynx, Canada	<i>Lynx canadensis</i>	YT NT NU BC AB SK MB ON QC NB NS NF	May 2001
	↔	Narwhal	<i>Monodon monceros</i>	Arctic Ocean	Apr 1987
		Porpoise, Dall's	<i>Phocoenoides dalli</i>	Pacific Ocean	Apr 1989
		Sea Lion, California	<i>Zalophus californianus</i>	Pacific coastal waters	Apr 1987
		Sea Lion, Steller	<i>Eumetopias jubatus</i>	Pacific coastal waters	Apr 1987
		Seal, Bearded	<i>Erignathus barbatus</i>	Arctic and Atlantic coastal waters	Apr 1994
		Seal, Grey	<i>Halichoerus grypus</i>	Atlantic coastal waters	Apr 1999
		Seal, Harbour	<i>Phoca vitulina richardsi</i>	Pacific coastal waters	Apr 1999
		Seal, Hooded	<i>Cystophora cristata</i>	Atlantic coastal waters	Apr 1986
		Seal, Northern Elephant	<i>Mirounga angustirostris</i>	Pacific coastal waters	Apr 1986
		Seal, Northern Fur	<i>Callorhinus ursinus</i>	Pacific coastal waters	Apr 1996
		Seal, Ringed	<i>Phoca hispida</i>	Arctic and Atlantic coastal waters	Apr 1989
		Squirrel, Cascade Mantled Ground	<i>Spermophilus saturatus</i>	BC	Apr 1992
		Squirrel, Fox	<i>Sciurus niger</i>	MB ON	Apr 1979
		Walrus, Atlantic	<i>Odobenus rosmarus rosmarus</i>	Eastern Arctic population	Arctic Ocean Apr 1987
	✓	Weasel, Long-tailed	<i>Mustela frenata longicauda</i>	Prairie population	AB SK MB Apr 1993
		Whale, Baird's Beaked	<i>Berardius bairdii</i>	Pacific Ocean	Apr 1992
		Whale, Beluga	<i>Delphinapterus leucas</i>	Western Hudson Bay population	Arctic Ocean Apr 1993
		Whale, Beluga	<i>Delphinapterus leucas</i>	Beaufort Sea / Arctic Ocean population	Arctic Ocean Apr 1985
		Whale, Blainville's Beaked	<i>Mesoplodon densirostris</i>	Atlantic Ocean	Apr 1989
		Whale, Cuvier's Beaked	<i>Ziphius cavirostris</i>	Atlantic Ocean Pacific Ocean	Apr 1990
		Whale, False Killer	<i>Pseudorca crassidens</i>	Pacific Ocean	Apr 1990
		Whale, Grey	<i>Eschrichtius robustus</i>	Northeast Pacific population	Pacific Ocean Apr 1987
		Whale, Hubb's Beaked	<i>Mesoplodon carlhubbsi</i>	Pacific Ocean	Apr 1989
		Whale, Long-finned Pilot	<i>Globicephala melas</i>	Atlantic Ocean	Apr 1994
		Whale, Northern Bottlenose	<i>Hyperoodon ampullatus</i>	Atlantic Ocean	Apr 1993
		Whale, Pygmy Sperm	<i>Kogia breviceps</i>	Atlantic Ocean Pacific Ocean	Apr 1994
		Whale, Short-finned Pilot	<i>Globicephala macrorhynchus</i>	Pacific Ocean	Apr 1993
		Whale, Sperm	<i>Physeter macrocephalus</i>	Atlantic Ocean Pacific Ocean	Apr 1996
		Whale, Stejneger's Beaked	<i>Mesoplodon stejnerei</i>	Pacific Ocean	Apr 1989
		Whale, True's Beaked	<i>Mesoplodon mirus</i>	Atlantic Ocean	Apr 1989
		Wolf, Northern Grey	<i>Canis lupus occidentalis</i>	YT NT NU BC AB SK MB ON QC NF	Apr 1999
		Wolf, Southern Grey	<i>Canis lupus nubilus</i>	BC	Apr 1999

NOT AT RISK CATEGORY (continued)

Birds (35)					
✓	Bluebird, Eastern	<i>Sialia sialis</i>		AB SK MB ON QC NB NS PE	Apr 1996
△	↔ Chat, Western Yellow-breasted Coot, American	<i>Icteria virens auricollis</i> <i>Fulica americana</i>	Prairie population	AB SK YT NT NU BC AB SK MB ON QC NB NS	Nov 2000 Apr 1991
	Cormorant, Double-crested	<i>Phalacrocorax auritus</i>		YT NT BC AB SK MB ON QC NB NS PE NF	Apr 1978
	Crane, Greater Sandhill	<i>Grus canadensis tabida</i>		BC MB ON	Apr 1979
	Eagle, Bald	<i>Haliaeetus leucocephalus</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1984
↔	Eagle, Golden	<i>Aquila chrysaetos</i>		YT NT NU BC AB SK MB ON QC NF	Apr 1996
↔	Falcon, Prairie	<i>Falco mexicanus</i>		BC AB SK	Apr 1996
	Flycatcher, Grey	<i>Empidonax wrightii</i>		BC	Apr 1992
	Goshawk, Northern	<i>Accipiter gentilis atricapillus</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1995
	Grebe, Red-necked	<i>Podiceps grisegena</i>		YT NT NU BC AB SK MB ON QC NS NF	Apr 1982
↔	Gyr Falcon	<i>Falco rusticolus</i>		YT NT NU BC AB SK ON QC NS PE NF	Apr 1987
	Harrier, Northern	<i>Circus cyaneus</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1993
✓	Hawk, Cooper's	<i>Accipiter cooperii</i>		BC AB SK MB ON QC NB NS	Apr 1996
	Hawk, Red-tailed	<i>Buteo jamaicensis</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1995
	Hawk, Rough-legged	<i>Buteo lagopus</i>		YT NT NU BC MB ON QC NF	Apr 1995
↔	Hawk, Sharp-shinned	<i>Accipiter striatus</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1997
	Loon, Common	<i>Gavia immer</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1997
	Loon, Yellow-billed	<i>Gavia adamsii</i>		YT NT NU BC AB MB QC	Apr 1997
	Merlin	<i>Falco columbarius</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1985
	Owl, Boreal	<i>Aegolius funereus</i>		YT NT NU BC AB SK MB ON QC NB NS PE NF	Apr 1995
✓	Owl, Great Grey	<i>Strix nebulosa</i>		YT NT BC AB SK MB ON QC	Apr 1996
	Owl, Northern Hawk	<i>Surnia ulula</i>		YT NT BC AB SK MB ON QC NB NF	Apr 1992
✓	Owl, Snowy	<i>Nyctea scandiaca</i>		YT NT NU MB QC NF	Apr 1995
✓	Pelican, American White	<i>Pelecanus erythrorhynchos</i>		BC AB SK MB ON	Apr 1987
	Screech-Owl, Eastern	<i>Otus asio</i>		SK MB ON QC NB	Apr 1986
✓	Sparrow, Baird's	<i>Ammodramus bairdii</i>		AB SK MB	Apr 1996
	Sparrow, Nelson's Sharp-tailed	<i>Ammodramus nelsoni</i>		BC AB SK MB ON QC NB NS PE	Apr 1998
✓	Swan, Trumpeter	<i>Cygnus buccinator</i>		YT NT BC AB SK ON	Apr 1996
↔	Tern, Black	<i>Chlidonias niger</i>		NT BC AB SK MB ON QC NB NS	Apr 1996
✓	Tern, Caspian	<i>Sterna caspia</i>		NT BC AB SK MB ON QC NF	Apr 1999
	Tern, Common	<i>Sterna hirundo</i>		NT AB SK MB ON QC NB NS PE NF	Apr 1998
✓	Warbler, Prairie	<i>Dendroica discolor</i>		ON	Apr 1999
	Wren, Canyon	<i>Catherpes mexicanus</i>		BC	Apr 1992
	Wren, Sedge	<i>Cistothorus platensis</i>		AB SK MB ON QC NB	Apr 1993
Reptiles (1)					
	Racer, Western Yellow-bellied	<i>Coluber constrictor mormon</i>		BC	Apr 1991
Amphibians (12)					
△	Ensatina	<i>Ensatina eschscholtzii</i>		BC	Apr 1999
	Frog, Columbia Spotted	<i>Rana luteiventris</i>		YT BC AB	May 2000
	Frog, Northern Leopard	<i>Rana pipiens</i>	Eastern population	ON QC NB NS NF	Apr 1999
	Frog, Pickerel	<i>Rana palustris</i>		ON QC NB NS	Apr 1999
△	Frog, Western Chorus	<i>Pseudacris triseriata</i>		ON QC	May 2001
△	Mudpuppy	<i>Necturus maculosus</i>		MB ON QC	May 2000
	Salamander, Four-toed	<i>Hemidactylium scutatum</i>		ON QC NB NS	Apr 1999
	Salamander, Northern Dusky	<i>Desmognathus fuscus</i>		ON QC NB	Apr 1999

NOT AT RISK CATEGORY (continued)

	Salamander, Northwestern	<i>Ambystoma gracile</i>		BC	Apr 1999
△	Salamander, Tiger	<i>Ambystoma tigrinum</i>	Prairie / Boreal population	AB SK MB	Nov 2001
△	Salamander, Western Red-backed Treefrog, Cope's Grey	<i>Plethodon vehiculum</i> <i>Hyla chrysoscelis</i>		BC MB	Nov 2001 Apr 1999
Fishes (31)					
	Bloater	<i>Coregonus hoyi</i>		ON	Apr 1988
	Chub, Hornyhead	<i>Nocomis biguttatus</i>		MB ON	Apr 1988
	Chub, River	<i>Nocomis micropogon</i>		ON	Apr 1988
	Dace, Leopard	<i>Rhinichthys falcatus</i>		BC	Apr 1990
	Darter, Least	<i>Etheostoma microperca</i>		ON	Apr 1989
	Darter, River	<i>Percina shumardi</i>		MB ON	Apr 1989
	Darter, Tessellated	<i>Etheostoma olmstedi</i>		ON QC	Apr 1993
	Herring, Blueback	<i>Alosa aestivalis</i>		NB NS	Apr 1980
	Killifish, Banded	<i>Fundulus diaphanus</i>	Mainland population	MB ON QC NB NS PE NF	Apr 1989
△	✓ Madtom, Brindled	<i>Noturus miurus</i>		ON	May 2001
	Minnow, Bluntnose	<i>Pimephales notatus</i>		MB ON QC	Apr 1998
	Minnow, Cutlips	<i>Exoglossum maxillingua</i>		ON QC	Apr 1994
	Minnow, Eastern Silvery	<i>Hybognathus regius</i>		ON QC	Apr 1997
	Pickereel, Chain	<i>Esox niger</i>		QC NB NS	Apr 1997
	Pickereel, Redfin	<i>Esox americanus americanus</i>		QC	Apr 1998
	Redhorse, Golden	<i>Moxostoma erythrurum</i>		MB ON	Apr 1989
	Sculpin, Fourhorn	<i>Myoxocephalus quadricornis</i>	Salt water form	Atlantic ocean Atlantic Ocean Pacific Ocean	Apr 1989
	Sculpin, Spoonhead	<i>Cottus ricei</i>		YT NT BC AB SK MB ON QC	Apr 1989
	Shiner, Blackchin	<i>Notropis heterodon</i>		MB ON QC	Apr 1994
	Shiner, Ghost	<i>Notropis buchanani</i>		ON	Apr 1993
	Shiner, Redfin	<i>Lythrurus umbratilis</i>		ON	Apr 1988
	Shiner, Rosyface	<i>Notropis rubellus</i>	Eastern population	ON QC	Apr 1994
	Shiner, Striped	<i>Luxilus chrysocephalus</i>		ON	Apr 1993
	Shiner, Weed	<i>Notropis texanus</i>		MB	Apr 1999
	Silverside, Brook	<i>Labidesthes sicculus</i>		ON QC	Apr 1989
✓	Stoneroller, Central	<i>Campostoma anomalum</i>		ON	Apr 1998
	Sturgeon, Lake	<i>Acipenser fulvescens</i>		AB SK MB ON QC	Apr 1986
	Sucker, Mountain	<i>Catostomus platyrhynchus</i>		BC AB SK	Apr 1991
	Sunfish, Green	<i>Lepomis cyanellus</i>		ON	Apr 1987
	Sunfish, Longear	<i>Lepomis megalotis</i>		ON QC	Apr 1987
	Y-Prickleback	<i>Allolumpenus hypochromus</i>		BC	Apr 1991
Lepidopterans (0)					
Molluscs (1)					
△	Capshell, Rocky Mountain	<i>Acroloxus coloradensis</i>	Western population	BC AB	Nov 2001
Plants (16)					
	Aster, Short's	<i>Symphyotrichum shortii</i>		ON	Apr 1999
	Aster, Yukon	<i>Symphyotrichum yukonense</i>		YT NT	Apr 1996
	Brickellia, Large-flowered	<i>Brickellia grandiflora</i>		BC AB	Apr 1996
	Fameflower	<i>Talinum sediforme</i>		BC	Apr 1990
	Fleabane, Dwarf	<i>Erigeron radicans</i>		AB SK	Apr 1996
	Goldenweed, Northern Mock	<i>Stenotus borealis</i>		YT	Apr 1997
	Mermaid, False	<i>Floerkea proserpinacoides</i>		ON QC NS	Apr 1984
	Phlox, Blue	<i>Phlox alyssifolia</i>		AB SK	Apr 1996
	Pink, Rush	<i>Stephanomeria runcinata</i>		AB SK	Apr 1996
	Rhododendron, Pacific	<i>Rhododendron macrophyllum</i>		BC	Apr 1997
	Sagebrush, Wood's	<i>Artemisia rupestris</i> ssp. <i>woodii</i>		YT	Apr 1997
	Sedge, Nebraska	<i>Carex nebrascensis</i>		AB	Apr 1995
	Stitchwort, Sand	<i>Stellaria arenicola</i>		AB SK	Apr 1992
	Wallflower, Narrow-leaved	<i>Erysimum angustatum</i>		YT	Apr 1993
✓	Willow, Tyrrell's	<i>Salix tyrrellii</i>		SK	Apr 1999
	Wooly-heads, Slender	<i>Psilocarphus tenellus</i> var. <i>tenellus</i>		BC	Apr 1996
Mosses (0)					
Lichens (0)					

List 3. Species examined and designated in the DATA DEFICIENT category because of insufficient scientific information, with geographic occurrence and date of last examination (23 species).

Mammals (8)					
⊙	Cougar	<i>Puma concolor cougar</i>	Eastern population	ON QC NB NS	Apr 1998
	Mouse, Western Harvest	<i>Reithrodontomys megalotis dychei</i>	Prairie population	AB	Apr 1994
	Porpoise, Harbour	<i>Phocoena phocoena</i>	Pacific Ocean population	Pacific Ocean	Apr 1991
	Seal, Harbour	<i>Phoca vitulina concolor</i>	Atlantic and Arctic coastal waters	Apr 1999	
	Vole, Sagebrush	<i>Lemmyscus curtatus</i>		AB SK	Apr 1996
	Whale, Dwarf Sperm	<i>Kogia simus</i>		Pacific Ocean	Apr 1997
△ ⁺ ↔	Whale, Killer	<i>Orcinus orca</i>	Northwest Atlantic / Eastern Arctic populations	Arctic Ocean Atlantic Ocean	Nov 2001
	Wolf, Arctic Grey	<i>Canis lupus arctos</i>		NT NU	Apr 1999
Birds (3)					
	Poorwill, Common	<i>Phalaenoptilus nuttallii</i>		BC AB SK	Apr 1993
	Screech-Owl, Western	<i>Otus kennicottii</i>		BC	Apr 1995
	Tern, Forster's	<i>Sterna forsteri</i>		BC AB SK MB ON	Apr 1996
Reptiles (0)					
Amphibians (0)					
Fishes (6)					
	Catfish, Flathead	<i>Pylodictis olivaris</i>		ON	Apr 1993
	Chiselmouth	<i>Acrocheilus alutaceus</i>		BC	Apr 1997
	Cisco, Bering	<i>Coregonus laurettae</i>		YT	Apr 1990
	Lamprey, Darktail	<i>Lethenteron alaskense</i>		NT	Apr 1990
	Sculpin, Spinynose	<i>Asemichthys taylori</i>		Pacific coast	Apr 1997
△ ↔	Whitefish, Lake	<i>Coregonus clupeaformis</i>	Mira River population	NS	Nov 2000
Lepidopterans (0)					
Molluscs (2)					
△	Capshell, Rocky Mountain	<i>Acroloxus coloradensis</i>	Eastern population	ON QC	Nov 2001
	Snail, Gatineau Tadpole	<i>Physella parkeri latchfordi</i>		QC	Apr 1997
Plants (4)					
	Barley, Little	<i>Hordeum pusillum</i>		AB	Apr 1993
	Goldenweed, Rabbit-brush	<i>Ericameria bloomeri</i>		BC	Apr 1997
	Pinweed, Impoverished	<i>Lechea intermedia var.</i>		SK	Apr 1997
	Whitlow-grass, Kananaskis	<i>Draba kananaskis</i>		AB	Apr 1992
Mosses (0)					
Lichens (0)					

RECORD OF STATUS RE-EXAMINATIONS

"Ipswich" Savannah Sparrow

Designated Special Concern in April 1979. Status re-examined and confirmed Special Concern in May 2000. Last assessment based on an update status report.

Acadian Flycatcher

Designated Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Allegheny Mountain Dusky Salamander

Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

American Badger

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

American Black Bear

Designated Not at Risk in April 1998. Status re-examined and confirmed in April 1999. Last assessment based on an update status report.

American Ginseng

Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

American Marten (Newfoundland population)

Designated Not at Risk in April 1979. Status re-examined and uplisted to Threatened in April 1986. Status re-examined and uplisted to Endangered in April 1996. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

American Water-willow

Designated Threatened in April 1984. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

American White Pelican

Designated Threatened in April 1978. Status re-examined and de-listed (Not at Risk) in April 1987. Last assessment based on an update status report.

Anatum Peregrine Falcon

Designated Endangered in April 1978. Status re-examined and downlisted to Threatened in April 1999. Status re-assessed and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Anticosti Aster

Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Athabasca Thrift

Designated Threatened in April 1981. Status re-examined and downlisted to Special Concern in April 1999. Last assessment based on an update status report.

Atlantic Walrus (Northwest Atlantic population)

Extirpated around 1850. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Atlantic Whitefish

Designated Endangered in April 1984. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Aurora Trout

Designated Endangered in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Baird's Sparrow

Designated Threatened in April 1989. Status re-examined and de-listed (Not at Risk) in April 1996. Last assessment based on an update status report.

Banff Longnose Dace

Extinct since 1986. Designated Extinct in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Banff Springs Snail

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Barn Owl

Canadian range was considered as a whole when the Barn Owl was designated as Special Concern in April 1984. In April 1999, COSEWIC assessed the Western and Eastern populations of this species separately. The original listing for the Canadian range of the Barn Owl was de-activated.

Barn Owl (Eastern population)

Canadian range was considered as a whole when the Barn Owl was designated as Special Concern in April 1984. In April 1999, COSEWIC assessed the Western and Eastern populations of this species separately. The Eastern population was designated Endangered. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Barn Owl (Western population)

Canadian range was considered as a whole when the Barn Owl was designated as Special Concern in April 1984. In April 1999, the Western and Eastern populations of this species were assessed separately. The Western population was designated Special Concern. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Bashful Bulrush

Designated Special Concern in April 1986. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an update status report.

Bearded Owl-clover

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Beluga Whale (St. Lawrence River population)

Designated Endangered in April 1983. Status re-examined and confirmed in April 1997. Last assessment based on an update status report.

Benthic Hadley Lake Stickleback

Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Benthic Paxton Lake Stickleback

Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Benthic Vananda Creek Stickleback

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Black Rat Snake

Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Black Tern

Designated Not at Risk in April 1988. Status re-examined and confirmed in April 1996. Last assessment based on an update status report.

Black-footed Ferret

Extirpated by 1974. Designated Extirpated in April 1978. Status confirmed in May 2000. Last assessment based on an existing status report.

Black-tailed Prairie Dog

Designated Special Concern in April 1978. Status re-examined and confirmed Special Concern in April 1988, April 1999 and in November 2000. Last assessment based on an existing status report.

Blackstripe Topminnow

Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Blue Ash

Designated Threatened in April 1983. Status re-examined and downlisted to Special Concern in November 2000. Last assessment based on an update status report.

Blue Walleye

Extinct since 1965. Designated Extinct in April 1985. Status confirmed in May 2000. Last assessment based on an existing status report.

Bluehearts

Designated Threatened in April 1985. Status re-examined and uplisted to Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Blunt-lobed Woodsia

Designated Threatened in April 1994. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

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. Original listing was de-activated.

Bridle Shiner

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Brindled Madtom

Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in May 2001. Last assessment based on an update status report.

Buffalograss

Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Burrowing Owl

Designated Threatened in April 1979. Status re-examined and confirmed in April 1991. Status re-examined and uplisted to Endangered in April 1995. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Butler's Gartersnake

Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Canada Lynx

Designated Not at Risk in April 1989. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Caspian Tern

Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1999. Last assessment based on an update status report.

Central Stoneroller

Designated Special Concern in 1985. Status re-examined and de-listed (Not at Risk) in 1998. Last assessment based on an update status report.

Coastal Wood Fern

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Coeur d'Alène Salamander

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Colicroot

Designated Threatened in April 1988. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Cooper's Hawk

Designated Special Concern in April 1983. Status re-examined and de-listed (Not at Risk) in April 1996. Last assessment based on an update status report.

Cougar (Eastern population)

Designated Endangered in April 1978. Status re-examined in April 1998 and designated Data Deficient. Last assessment based on an update status report.

Cowichan Lake Lamprey

Designated Special Concern in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Cucumber Tree

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Cultus Pygmy Sculpin

Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Deepwater Cisco

Extinct since 1952. Designated Extinct in April 1988. Status confirmed in May 2000. Last assessment based on an existing status report.

Deerberry

Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Deltoid Balsamroot

Designated in April 1996 as Endangered. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Dense Blazing Star

Designated Special Concern in April 1988. Status re-examined and uplisted to Threatened in May 2001. Last assessment based on an update status report.

Drooping Trillium

Designated Endangered in April 1996. Status re-assessed and confirmed in May 2000. Last assessment based on an existing status report.

Dwarf Wedgemussel

Extirpated by 1968. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Eastern Bluebird

Designated Special Concern in April 1984. Status re-examined and de-listed (Not at Risk) in April 1996. Last assessment based on an update status report.

Eastern Fox Snake

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Hog-nosed Snake

Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Eastern Loggerhead Shrike

Entire Canadian range designated as Threatened in April 1986. Split according to subspecies in April 1991. The *migrans* subspecies was uplisted to Endangered in April 1991. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Eastern Mole

Designated Special Concern in April 1980. Status re-examined and confirmed Special Concern in April 1998 and in November 2000. Last assessment based on an existing status report.

Eastern Mountain Avens

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and May 2000. Last assessment based on an existing status report.

Eastern Prickly Pear Cactus

Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Eastern Sand Darter

Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report.

Eastern Wolf

Designated Data Deficient in April 1999. Status re-examined in May 2001 and designated Special Concern. Last assessment based on an update status report.

Eastern Yellow-breasted Chat

Designated Special Concern in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Eelgrass Limpet

Extinct since 1929. Designated Extinct in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Engelmann's Quillwort

Designated Endangered in April 1992. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Ermine *haidarum* subspecies

Designated Special Concern in April 1984. Status re-examined and uplisted to Threatened in May 2001. Last assessment based on an update status report.

Eskimo Curlew

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an update status report.

False Hop Sedge

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Fernald's Braya

Designated Threatened in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Fernald's Milk-vetch

Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Ferruginous Hawk

Designated Threatened in April 1980. Status re-examined and downlisted to Special Concern in April 1995. Last assessment based on an update status report.

Flammulated Owl

Designated Special Concern in April 1988. Status re-examined and confirmed Special Concern in April 1999 and in November 2001. Last assessment based on an existing status report.

Fowler's Toad

Designated Special Concern in April 1986. Status re-examined and uplisted to Threatened in April 1999. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report with an addendum.

Frosted Elfin

Extirpated by 1988. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Furbish's Lousewort

Designated Endangered in April 1980. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Gattinger's Agalinis

Designated Endangered in April 1988. Status re-examined and confirmed in April 1999 and in May 2001. Last assessment based on an existing status report with an addendum.

Giant Helleborine

Designated Threatened in April 1984. Status re-examined and downlisted to Special Concern in April 1998. Last assessment based on an update status report.

Golden Crest

Designated Threatened in April 1987. Status re-examined and confirmed Threatened in April 1999 and in May 2000. Last assessment based on an existing status report.

Golden Eagle

Designated Not at Risk in April 1987. Status re-examined and confirmed in April 1996. Last assessment based on an update status report.

Golden Paintbrush

Designated Threatened in April 1995. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Goldenseal

Designated Threatened in April 1991. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Gravel Chub

Last recorded in Thames River drainage, ON in 1958. Designated Endangered in April 1985. Status re-examined and uplisted to Extirpated in April 1987. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

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 confirmed in May 2000. Last assessment based on an existing status report.

Great Basin Spadefoot

Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Great Grey Owl

Designated Special Concern in April 1979. Status re-examined and confirmed in April 1990. Status re-examined and de-listed (Not at Risk) in April 1996. Last assessment based on an update status report.

Greater Prairie-Chicken

Last reported in 1987. Designated Endangered in April 1978. Status re-examined and uplisted to Extirpated in April 1990. Status re-confirmed in May 2000. Last assessment based on an existing status report.

Grey Whale (Atlantic population)

Extirpated before the end of the 1800's. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Grizzly Bear

Canadian range considered as one population and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and [non-prairie population]). Original listing for "Grizzly Bear" across Canada de-activated.

Grizzly Bear (Prairie population)

Canadian range considered as one population and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and [non-prairie population]). Prairie population designated Extirpated in April 1991. The species disappeared from the prairies in the 1880s. Status confirmed in May 2000. Last assessment based on an existing status report.

Gyrfalcon

Designated Not at Risk in April 1978. Status re-examined and confirmed in April 1987. Last assessment based on an update status report.

Hairy Prairie-clover

Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Harbour Porpoise (Northwest Atlantic population)

Designated Threatened in April 1990. Status re-examined and confirmed in April 1991. Last assessment based on an update status report.

Harlequin Duck (Eastern population)

The Eastern population was designated Endangered in April 1990. Status re-examined and downlisted to Special Concern in May 2001. Last assessment based on an update status report.

Heart-leaved Plantain

Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Henslow's Sparrow

Designated Threatened in April 1984. Status re-examined and uplisted to Endangered in April 1993. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hoary Mountain-mint

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Hooded Warbler

Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hotwater Physa

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

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). Original listing was de-activated.

Illinois Tick-trefoil

No site records since 1888. Designated Extirpated in April 1991. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Island Marble

Extirpated by 1910. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Ivory Gull

Designated Special Concern in April 1979. Status re-examined and confirmed in April 1996 and in November 2001. Last assessment based on an existing status report.

Juniper Sedge

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Karner Blue

Has not been observed since 1991. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Kentucky Coffee-tree

Designated Threatened in April 1983. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Killer Whale (North Pacific "resident" populations)

Designated Threatened in April 1999. Original listing for Killer Whale (North Pacific "resident" populations) was de-activated in November 2001 when the listing was split into two populations: Killer Whale (Northeast Pacific northern resident population) and Killer Whale (Northeast Pacific southern resident population).

Killer Whale (Northeast Pacific transient population)

Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Killer Whale (Northwest Atlantic / Eastern Arctic populations)

Designated Data Deficient in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

King Rail

Designated Special Concern in April 1985. Status re-examined and uplisted to Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Kirtland's Warbler

Designated Endangered in April 1979. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

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 confirmed in May 2000. Last assessment based on an existing status report.

Lake Chubsucker

Designated Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Lake Utopia Dwarf Smelt

Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Lake Whitefish (Mira River population)

Designated Data Deficient in April 1999 and in November 2000. Last assessment based on an existing status report.

Large Whorled Pogonia

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Least Bittern

Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Leatherback Turtle

Designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Lewis's Woodpecker

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Limnetic Hadley Lake Stickleback

Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Limnetic Paxton Lake Stickleback

Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Limnetic Vananda Creek Stickleback

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Loggerhead Shrike

Entire Canadian range was designated as Threatened in April 1986. The *excubitorides* and the *migrans* subspecies were designated separately in April 1991, and the original listing was de-activated.

Long's Braya

Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Long-tailed Weasel (Prairie population)

Designated Threatened in April 1982. Status re-examined and de-listed (Not at Risk) in April 1993. Last assessment based on an update status report.

Longjaw Cisco

Extinct since 1975. Designated Extinct in April 1985. Status confirmed in May 2000. Last assessment based on an existing status report.

Louisiana Waterthrush

Designated Special Concern in April 1991. Status re-examined and confirmed in April 1996. Last assessment based on an update status report.

Mackenzie Hairgrass

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Marbled Murrelet

Designated Threatened in April 1990. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Maritime Ringlet

Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Mexican Mosquito Fern

Designated Threatened in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Monarch

Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Morrison Creek Lamprey

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Mountain Beaver

Designated Not at Risk in April 1984. Status re-examined and uplisted to Special Concern in April 1999. Status re-examined and confirmed as Special Concern in November 2001. Last assessment based on an existing status report.

Mountain Plover

Designated Endangered in April 1987. Status re-examined and confirmed November 2000. Last assessment based on an update status report.

Narwhal

Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1987. Last assessment based on an update status report.

Nodding Pogonia

Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Nooksack Dace

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Abalone

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Cricket Frog

Designated Endangered in April 1990. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Northern Leopard Frog (Southern Mountain population)

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Madtom

Examined in April 1993 and placed in the Data Deficient category. Re-examined in April 1998 and designated Special Concern. Last assessment based on an update status report.

Northern Riffleshell

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Northern Spotted Owl

Designated Endangered in April 1986. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Nuttall's Cottontail (Prairie population)

Designated Not at Risk in 1994. Status re-examined and confirmed in April 1994. Last assessment based on an update status report.

Oregon Spotted Frog

Designated Endangered in an emergency listing in November 1999. Status re-examined and confirmed in May 2000. Last assessment based on a new status report.

Pacific Giant Salamander

Designated Special Concern in April 1989. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an update status report.

Pacific Water Shrew

Designated Threatened in April 1994. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report with an addendum.

Paddlefish

Disappeared from Canada in approximately 1917. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Pallid Bat

Designated Special Concern in April 1988. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

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 confirmed in May 2000. Last assessment based on an existing status report.

Peale's Peregrine Falcon

Designated Special Concern in April 1978. Status re-examined and confirmed in April 1999 and in November 2001. Last assessment based on an existing status report.

Peary Caribou

The Canadian range of the Peary Caribou was considered as a whole in April 1979 and designated Threatened. In April 1991, the population was split to allow designation of three separate populations (Banks Island, High Arctic and Low Arctic populations). The original listing was de-activated.

Phantom Orchid

Designated Special Concern in April 1992. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Pink Coreopsis

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Pink Milkwort

Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Piping Plover

Entire Canadian population designated Threatened in April 1978. Status re-examined and uplisted to 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 listing for the entire Canadian population was de-activated.

Pitcher's Thistle

Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Pixie Poacher

Designated Data Deficient in April 1991. Status re-examined in November 2001. The species was determined to be ineligible for further consideration by COSEWIC because scientific study has shown that it is not a valid taxon. Species was deactivated in November 2001.

Plains Pocket Gopher

Designated Special Concern in April 1979. Status re-examined and de-listed (Not at

Risk) in April 1998. Last assessment based on an update status report.

Plymouth Gentian

Designated Threatened in April 1984. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Polar Bear

Designated Not at Risk in April 1986. Status re-examined and uplisted to Special Concern in April 1991. Status re-examined and confirmed as Special Concern in April 1999. Last assessment based on an update status report.

Prairie Falcon

Designated Not at Risk in April 1978. Status re-examined and confirmed in April 1982 and in April 1996. Last assessment based on an update status report.

Prairie Lupine

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Prairie Warbler

Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in April 1999. Last assessment based on an update status report.

Prothonotary Warbler

Designated Special Concern in April 1984. Status re-examined and uplisted to Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pugnose Minnow

Designated Special Concern in April 1985. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Purple Twayblade

Designated Threatened in April 1989. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed as Endangered in May 2001. Last assessment based on an existing status report with an addendum.

Pygmy Short-horned Lizard (British Columbia population)

Last reported in 1898. Designated Extirpated in April 1992. Status confirmed in May 2000. Last assessment based on an existing status report.

Queen Charlotte Goshawk

Designated Special Concern in April 1995. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an update status report.

Queen Snake

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Rayed Bean

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red Mulberry

Designated Threatened in April 1987. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Red-shouldered Hawk

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1996. Last assessment based on an update status report.

Redroot

Designated Threatened in April 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Right Whale

Designated Endangered in 1980. Status re-examined and confirmed Endangered in April 1985 and in April 1990. Last assessment based on an update status report.

Rigid Apple Moss

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

River Redhorse

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987. Last assessment based on an update status report.

Roseate Tern

Designated Threatened in April 1986. Status re-examined and uplisted to Endangered in April 1999. Endangered status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Ross's Gull

Designated Special Concern in April 1981. Status re-examined and confirmed in April 1996. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Rosyface Shiner (Manitoba population)

Designated Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Round-leaved Greenbrier (Great Lakes Plains population)

Designated Threatened in April 1994. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report with an addendum.

Sage Grouse (British Columbia population)

Has not been reported since the 1960's. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Sage Grouse (Prairie population)

Given conditional designation of Threatened in April 1997. Status re-examined and uplisted to Endangered in April 1998 based on a revised status report. Status re-examined confirmed Endangered in May 2000. Last assessment based on an existing status report.

Sage Thrasher

Designated Endangered in April 1992. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Scarlet Ammannia

Designated Endangered in April 1999. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report.

Sea Mink

Believed Extinct since 1894. Designated Extinct in April 1986. Status confirmed in May 2000. Last assessment based on an existing status report.

Sea Otter

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1986. Status re-examined and downlisted to Threatened in April 1996. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Seaside Birds-foot Lotus

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Seaside Centipede

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Sharp-shinned Hawk

Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1997. Last assessment based on an update status report.

Sharp-tailed Snake

Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Shorthead Sculpin

Designated Threatened in April 1984. Status re-examined and confirmed Threatened in May 2001. Last assessment based on an update status report.

Showy Goldenrod

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Shumard Oak

Designated Special Concern in April 1984. Status re-examined and confirmed in April 1999. Last assessment based on an update status report.

Silver Chub

Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Silver Shiner

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987. Last assessment based on an update status report.

Skinner's Agalinis

Designated Endangered in April 1988. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Bush-clover

Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Mouse-ear-cress

Designated Endangered in April 1992. Status re-examined and downlisted to Threatened in May 2000. Last assessment based on an update status report with an addendum.

Small White Lady's-slipper

Designated Endangered in April 1981. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Small Whorled Pogonia

Designated Endangered in April 1982. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Soapweed

Designated Special Concern in April 1985. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Southern Maidenhair Fern

Designated Endangered in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Spotted Gar

Designated Special Concern in April 1983. Status re-examined and confirmed Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Spotted Sucker

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

1994 and in November 2001. Last assessment based on an existing status report with an addendum.

Spotted Wintergreen

Designated Endangered in April 1987. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Sprague's Pipit

Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Spring blue-eyed Mary

No site records since 1954. Designated Extirpated in April 1987. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Sweet Pepperbush

Designated Threatened in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and downlisted to Special Concern in May 2001. Last assessment based on an existing status report with an addendum.

Swift Fox

Last seen in Saskatchewan in 1928. Designated Extirpated in April 1978. Status re-examined and downlisted to Endangered in April 1998 after successful re-introductions. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Thread-leaved Sundew

Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Tiny Cryptanthe

Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Toothcup

Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Trumpeter Swan

Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1996. Last assessment based on an update status report.

Tuberous Indian-plantain

Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999. Last assessment based on an update status report.

Tundra Peregrine Falcon

Designated Threatened in April 1978. Status re-examined and downlisted to Special Concern in April 1992. Last assessment based on an update status report.

Tyrrell's Willow

Designated Threatened in April 1981. Status re-examined and de-listed (Not at Risk) in April 1999. Last assessment based on an update status report.

Vancouver Island Marmot

Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1997 and in May 2000. Last assessment based on an existing status report with an addendum.

Virginia Goat's-rue

Designated Threatened in April 1996. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Warmouth

Designated Special Concern in April 1994. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Water-pennywort

Designated Endangered in April 1985. Status re-examined and downlisted to Threatened in April 1999. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Water-plantain Buttercup

Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Wavy-rayed Lampmussel

Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Western Blue-flag

Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Prairie Fringed Orchid

Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Silver-leaved Aster

Designated Special Concern in 1988. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Western Silvery Minnow

Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Western Yellow-breasted Chat (British Columbia population)

The British Columbia population of the *auricollis* subspecies was designated Threatened in April 1994. Status re-examined and uplisted to Endangered in November 2000. Last assessment based on an update status report.

Western Yellow-breasted Chat (Prairie population)

The Prairie population of the *auricollis* subspecies was designated Not at Risk in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

White Prairie Gentian

Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

White-headed Woodpecker

Designated Threatened in April 1992. Status re-examined and uplisted to Endangered in November 2000. Last assessment based on an update status report.

White-top Aster

Designated Threatened in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Whooping Crane

Designated Endangered in April 1978. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Wolverine

Canadian range considered as one population in April 1982 and designated Special Concern. Split into two populations in April 1989 (Western and Eastern populations). Original listing was de-activated.

Wood Bison

Designated Endangered in April 1978. Status re-examined and downlisted to Threatened in April 1988. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an update status report.

Wood-poppy

Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Woodland Caribou (Atlantic-Gaspésie population)

Atlantic-Gaspésie population designated as Threatened in April 1984. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an update status report.

Woodland Caribou (Labrador-Ungava population)

Labrador-Ungava population designated Not at Risk in April 1984. Labrador-Ungava population de-activated in May 2000.

Woodland Caribou (Newfoundland population)

Newfoundland population designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Woodland Caribou (Western population)

Western population designated Special Concern in April 1984. Western population de-activated in May 2000. Former Western population is contained within the following newly designated populations: Northern Mountain, Southern Mountain, Boreal.

Woodland Caribou Dawson's subspecies

Extinct by the 1920's. Designated Extinct in April 1984. Status confirmed in May 2000. Last assessment based on an update status report.

Woodland Vole

Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Yellow Montane Violet

Designated Threatened in April 1995. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Yellow Rail

Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

LIST OF NAME CHANGES

Cross-reference of common and scientific names (including population names, where applicable) for COSEWIC-listed species. Most of the names in the list have been used by COSEWIC in the past but are no longer in use. Some common synonyms are also included.

Current Common Name or Scientific Name (population)	Previous Name (s) or Synonym
<i>Acris crepitans</i>	<i>Acris crepitans blanchardi</i>
Allegheny Mountain Dusky Salamander	Mountain Dusky Salamander
Arctic Grey Wolf	Grey Wolf
<i>Ardea herodias fannini</i>	<i>Ardea herodias fannini</i>
<i>Arnoglossum plantagineum</i>	<i>Cacalia plantaginea</i>
<i>Ascaphus montanus</i>	<i>Ascaphus truei</i>
<i>Ascaphus truei</i>	<i>Ascaphus truei</i> (Pacific Coast population); <i>Ascaphus truei</i> (Southern Mountain population)*
<i>Athene cunicularia</i>	<i>Speotyto cunicularia</i>
Atlantic Whitefish	Acadian Whitefish
Bashful Bulrush	Few-flowered Club-rush
Benthic Paxton Lake Stickleback	Benthic Texada Island Stickleback
<i>Bufo fowleri</i>	<i>Bufo woodhousii fowleri</i>
<i>Callophrys [Incisalia] irus</i>	<i>Incisalia irus</i>
Canada Lynx	Lynx
Coast Tailed Frog	Tailed Frog (Pacific Coast population)
<i>Coregonus clupeaformis</i> (Lake Simcoe population)	<i>Coregonus clupeaformis</i>
<i>Coregonus clupeaformis</i> (Mira River population)	<i>Coregonus clupeaformis</i>
<i>Coregonus huntsmani</i>	<i>Coregonus canadensis</i>
Cowichan Lake Lamprey	Lake Lamprey
Eastern Loggerhead Shrike	Loggerhead Shrike (Eastern population)
Eastern Wolf	Grey Wolf
Eastern Yellow-breasted Chat	Yellow-breasted Chat (Eastern population)
Eelgrass Limpet	Bowl Limpet
<i>Enemion biternatum</i>	<i>Isopyrum biternatum</i>
Ermine <i>haidarum</i> subspecies	Ermine (Queen Charlotte Islands population)
<i>Eurybia divaricata</i>	<i>Aster divaricatus</i>
<i>Gentianopsis victorinii</i>	<i>Gentiana victorinii</i>
<i>Gymnocladus dioicus</i>	<i>Gymnocladus dioica</i>
<i>Icteria virens virens</i>	<i>Icteria virens virens</i> (Eastern population)
Lake Whitefish (Lake Simcoe population)	Lake Simcoe Whitefish
Lake Whitefish (Mira River population)	Mira River Whitefish
<i>Lanius ludovicianus excubitorides</i>	<i>Lanius ludovicianus excubitorides</i> (Prairie population)
<i>Lanius ludovicianus migrans</i>	<i>Lanius ludovicianus migrans</i> (Eastern population)
Limnetic Paxton Lake Stickleback	Limnetic Texada Island Stickleback
<i>Lottia alveus alveus</i>	<i>Lottia alveus</i>
Mudpuppy Mussel	Salamander Mussel
<i>Mustela erminea haidarum</i>	<i>Mustela erminea haidarum</i> (Queen Charlotte Islands population)
Northern Cricket Frog	Blanchard's Cricket Frog
Northern Grey Wolf	Grey Wolf
Northern Mock Goldenweed	MacLean's Goldenweed

Current Common Name or Scientific Name (population)	Previous Name (s) or Synonym
Northern Spotted Owl	Spotted Owl
Pighead Prickleback	Blackline Prickleback
Prairie Loggerhead Shrike	Loggerhead Shrike (Prairie population)
<i>Rangifer tarandus dawsoni</i>	<i>Rangifer tarandus dawsoni</i> (Queen Charlotte Islands population)
Rigid Apple Moss	Apple Moss
Rocky Mountain Tailed Frog	Tailed Frog (Southern Mountain population)
<i>Sericocarpus rigidus</i>	<i>Aster curtus</i>
Southern Grey Wolf	Grey Wolf
Sowerby's Beaked Whale	North Sea Beaked Whale
<i>Spring blue-eyed Mary</i>	<i>Blue-eyed Mary</i>
<i>Stenotus borealis</i>	<i>Haplopappus macleanii</i>
<i>Strix occidentalis caurina</i>	<i>Strix occidentalis</i>
<i>Symphyotrichum anticostense</i>	<i>Aster anticostensis</i>
<i>Symphyotrichum laurentianum</i>	<i>Aster laurentianus</i>
<i>Symphyotrichum praealtum</i>	<i>Aster praealtus</i>
<i>Symphyotrichum prenanthoides</i>	<i>Aster prenanthoides</i>
<i>Symphyotrichum sericeum</i>	<i>Virgulus sericeus</i>
<i>Symphyotrichum shortii</i>	<i>Aster shortii</i>
<i>Symphyotrichum subulatum</i> (Bathurst population)	<i>Aster subulatus</i> var. <i>obtusifolius</i>
<i>Symphyotrichum yukonense</i>	<i>Aster yukonensis</i>
<i>Trichophorum planifolium</i>	<i>Scirpus verecundus</i>
Western Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat (British Columbia population)
Western Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat (Prairie population)
Woodland Caribou Dawson's subspecies	Woodland Caribou (Queen Charlotte Islands population)

* now known as *Ascaphus montanus*

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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 listing of wildlife species at risk. In 1978, COSEWIC designated its first species and produced its first list of Canadian species at risk. Species designated at meetings of the full committee are added to the list.



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