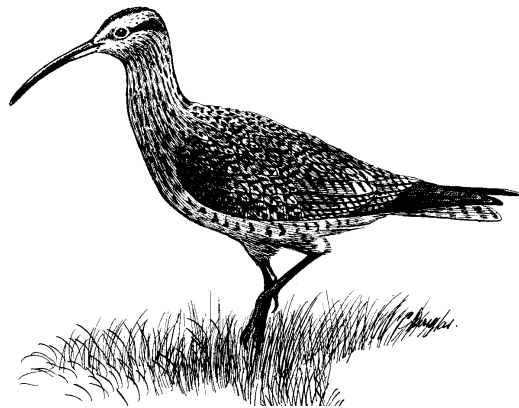


CANADIAN SPECIES AT RISK

NOVEMBER 2000



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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Cover Illustrations

Eskimo Curlew	- C. Douglas, Canadian Museum of Nature, Ottawa, Ontario
Oregon Spotted Frog	- A. Jenks, Owen Sound, Ontario
Aurora Trout	- <i>Encyclopedia of Canadian Fishes</i> , Canadian Museum of Nature, Ottawa, Ontario
Seaside Centipede Lichen	- T. Goward, Clearwater, British Columbia
Pallid Bat	- M. Hames, <i>Bats of British Columbia</i> , © Royal BC Museum, Victoria, British Columbia
Western Prairie Fringed Orchid	- adapted from photo by R. Westwood, University of Winnipeg, Winnipeg, Manitoba

This list can be cited as follows:

COSEWIC, 2000. Canadian Species at Risk, November 2000. Committee on the Status of Endangered Wildlife in Canada. 24 pp.

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, amphibians, reptiles, fish, molluscs, lepidopterans, vascular plants, lichens, and mosses. A record of status re-examinations is also maintained.

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 national non-government organizations (Canadian Nature Federation, Canadian Wildlife Federation, and World Wildlife Fund Canada) and the co-chairs of the species specialist groups. The committee meets at least once per year to consider status reports on candidate species.

COSEWIC LISTS

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: Species designated as Extinct, Extirpated, Endangered, Threatened or Special Concern, with geographical occurrence and date assessed.
- List 2: Species examined and designated in the Not at Risk category, with geographical occurrence and date assessed.
- List 3: Species examined and designated in the Data Deficient category because of insufficient scientific information, with geographical occurrence and date assessed.

A record of status re-assessments can be found at the back of the document.

SUMMARY TABLES FOR COSEWIC LISTS

COSEWIC LIST 1: SPECIES AT RISK

CATEGORY / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Amphibians			4	3	9	16
Birds	3	2	20	6	22	53
Fish	6	2	9	16	41	74
Lepidopterans		3	3	2	2	10
Lichens			1		3	4
Mammals	2	4	15	12	25	58
Molluscs	1	1	5	1	1	9
Mosses			1			1
Vascular Plants		2	45	30	43	120
Reptiles		1	4	6	8	19
TOTALS	12	15	107	76	154	364

COSEWIC LIST 2: SPECIES NOT AT RISK

CATEGORY / STATUS	NOT AT RISK
Amphibians	9
Birds	35
Fish	30
Lepidopterans	
Lichens	
Mammals	47
Molluscs	
Mosses	
Vascular Plants	16
Reptiles	1
TOTALS	138

COSEWIC LIST 3: DATA DEFICIENT SPECIES

CATEGORY / STATUS	DATA DEFICIENT
Amphibians	
Birds	3
Fish	7
Lepidopterans	
Lichens	
Mammals	9
Molluscs	1
Mosses	
Vascular Plants	4
Reptiles	
TOTALS	24

SUMMARY TABLES FOR NOVEMBER 2000

RE-ASSESSED AND NEW SPECIES

CATEGORY / STATUS	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Amphibians		3				3
Birds	9	3	2	1		15
Fish	1	4	1		1	7
Lepidopterans	2	2				4
Mammals			2			2
Molluscs			1			1
Vascular Plants	1	3	3			7
TOTALS	13	15	9	1	1	39

SUMMARY OF CHANGES FOR NEW AND RE-ASSESSED SPECIES

CATEGORY / STATUS	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New	3	3	5			11
Uplisted	2	5				7
Downlisted			1			1
No Change	8	7	3	1	1	20
TOTALS	13	15	9	1	1	39

DEFINITIONS OF TERMS AND RISK CATEGORIES

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.

SYMBOLS

Re-assessments and new species

↑	Species placed in a higher risk category after re-examination on the date shown.
↓	Species placed in a lower risk category after re-examination on the date shown.
↔	Species stays in the same risk category after re-examination 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.

△	Species has been assessed with new quantitative criteria based on a new status report or an update status report.
⊠	Species re-assessed with new quantitative criteria using an existing status report.

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	PE	Prince Edward Island		

* 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.

LIST 1. SPECIES DESIGNATED IN THE FIVE "RISK" CATEGORIES WITH GEOGRAPHICAL OCCURRENCE^{1 2} AND THE YEAR OF DESIGNATION

EXTINCT CATEGORY

				Extinct³	Examined
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
AMPHIBIANS -----					
REPTILES -----					
FISH (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 sp.</i>	BC	1999	May 2000
△ ↔	Stickleback, Limnetic Hadley Lake	<i>Gasterosteus sp.</i>	BC	1999	May 2000
△ ↔	Walleye, Blue	<i>Stizostedion vitreum glaucum</i>	ON	1965	May 2000
MOLLUSCS (1)					
△ ↔	Limpet, Eelgrass	<i>Lottia alveus alveus</i>	QC, NS, NF	1929	May 2000

LEPIDOPTERANS

PLANTS

LICHENS

MOSESSES

-
- 1 Geographical occurrence indicated for extinct and extirpated species is historic distribution.
 - 2 Canadian breeding and wintering distribution is indicated for birds.
 - 3 Approximate date of extinction is indicated.

LIST 1. (continued)

EXTIRPATED CATEGORY

			Extirpated ⁴	Examined
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)	1850 May 2000
△ ↔	Whale, Grey	<i>Eschrichtius robustus</i>	Atlantic population	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 1987 (SK) May 2000
AMPHIBIANS -----				
REPTILES (1)				
△ ↔	Lizard, Pygmy Short-horned	<i>Phrynosoma douglassii douglassii</i>	(British Columbia population) BC	last reported 1898, near Osoyoos, BC May 2000
FISH (2)				
△ ↔	Chub, Gravel	<i>Erimystax x-punctatus</i>	ON	last reported 1958, Thames River drainage May 2000
△ ↔	Paddlefish	<i>Polyodon spathula</i>	ON	1917 May 2000
MOLLUSCS (1)				
△ ↔	Wedgemussel, Dwarf	<i>Alasmidonta heterodon</i>	NB	1968 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	prior to 1910 May 2000
PLANTS (2)				
△ ↔	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
LICHENS -----				
MOSESSES -----				

⁴ Approximate date of extirpation is indicated

LIST 1. (continued)

ENDANGERED CATEGORY

MAMMALS (15)

△	Badger <i>jeffersonii</i> subspecies, American	<i>Taxidea taxus jeffersonii</i>	BC	May 2000
△	Badger <i>jacksoni</i> subspecies, American	<i>Taxidea taxus jacksoni</i>	ON	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>	St. Lawrence River population	Apr. 1997
	Whale, Beluga	<i>Delphinapterus leucas</i>	Ungava Bay population	Apr. 1990
	Whale, Beluga	<i>Delphinapterus leucas</i>	Southeast Baffin Island -Cumberland Sound population	Apr. 1990
	Whale, Bowhead	<i>Balaena mysticetus</i>	Eastern Arctic population	Apr. 1980
	Whale, Bowhead	<i>Balaena mysticetus</i>	Western Arctic population	Apr. 1986
	Whale, Right	<i>Eubalaena glacialis</i>	Atlantic and Pacific Oceans	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, 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>	All provinces and territories except BC	May 2000
	Duck, Harlequin	<i>Histrionicus histrionicus</i>	(Eastern population) QC, NB, NS, NF	Apr. 1990
△ ↔	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>Speotyto cunicularia</i>	BC, AB, MB, SK	May 2000
△ ↔	Owl, Northern Spotted	<i>Strix occidentalis caurina</i>	BC	May 2000
△ ↔	Plover, Mountain	<i>Charadrius montanus</i>	AB, SK	Nov. 2000
	Plover, Piping	<i>Charadrius melodus</i>	AB, SK, MB, ON, QC, NB, NS, PE, NF	Apr. 1985
△ ↔	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

AMPHIBIANS (4)

	Frog, Northern Cricket	<i>Acris crepitans</i>	ON	Apr. 1990
△ ↔	Frog, Northern Leopard	<i>Rana pipiens</i>	(Southern Mountain population) BC	May 2000
△ ↔	Frog, Oregon Spotted	<i>Rana pretiosa</i>	BC	Nov. 1999
	Frog, Tailed	<i>Ascaphus truei</i>	(Southern Mountain population) BC	May 2000

REPTILES (4)

	Racer, Blue	<i>Coluber constrictor foxii</i>	ON	Apr. 1991
	Snake, Lake Erie Water	<i>Nerodia sipedon insularum</i>	ON	Apr. 1991

△ ↔	Snake, Sharp-tailed	<i>Contia tenuis</i>	BC	Oct. 1999
	Turtle, Leatherback	<i>Dermochelys coriacea</i>	Atlantic & Pacific Oceans	Apr. 1981

FISH (9)

△ ↔	Dace, Nooksack	<i>Rhinichthys</i> sp.	BC	May 2000
△ ↑	Lamprey, Morrison Creek	<i>Lampetra richardsoni</i>	BC	May 2000
△ ↔	Stickleback, Benthic Paxton Lake (Texada Island)	<i>Gasterosteus</i> sp.	BC	May 2000
△ ↑	Stickleback, Benthic Vananda Creek	<i>Gasterosteus</i> sp.	BC	May 2000

LIST 1. (continued)

ENDANGERED CATEGORY (continued)

FISH (continued)

△ ↑	Stickleback, Limnetic Paxton Lake (Texada Island)	<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 (Acadian)	<i>Coregonus huntsmani</i>	NS	Nov. 2000

MOLLUSCS (5)

△ ↔	Bean, Rayed	<i>Villosa fabalis</i>	ON	May 2000
△ ↔	Lampmussel, Wavy-rayed	<i>Lampsilis fasciola</i>	ON	Oct. 1999
△ ↔	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

LEPIDOPTERANS (3)

△ ↔	Ringlet, Maritime	<i>Coenonympha tullia nipisiquit</i>	QC, NB	May 2000
△	Blue, Island	<i>Plebejus saepiolus insulanus</i>	BC	Nov. 2000
△	Checkerspot, Taylor's	<i>Euphydryas editha taylori</i>	BC	Nov. 2000

PLANTS (45)

	Agalinis, Gattinger's	<i>Agalinis gattingeri</i>	ON	Apr. 1999
△ ↔	Agalinis, Skinner's	<i>Agalinis skinneriana</i>	ON	May 2000
	Ammannia, Scarlet	<i>Ammannia robusta</i>	BC, ON	Apr. 1999
△ ↔	Avens, Eastern Mountain	<i>Geum peckii</i>	NS	May 2000
△ ↔	Balsamroot, Deltoid	<i>Balsamorhiza deltoidea</i>	BC	May 2000
△ ↑	Bulrush, Bashful (Few-flowered Club-rush)	<i>Trichophorum planifolium</i> (<i>Scirpus verecundus</i>)	ON	May 2000
△ ↔	Bluehearts	<i>Buchnera americana</i>	ON	May 2000
△ ↔	Braya, Long's	<i>Braya longii</i>	NF	May 2000
△ ↔	Buttercup, Water-plantain	<i>Ranunculus alismaefolius</i> var. <i>alismaefolius</i>	BC	May 2000
△ ↔	Bush-clover, Slender	<i>Lespedeza virginica</i>	ON	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	Apr. 1991
△ ↔	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
△ ↑	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	Apr. 1992
△ ↑	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

LIST 1. (continued)

ENDANGERED CATEGORY (continued)

PLANTS (continued)

	Sundew, Thread-leaved	<i>Drosera filiformis</i>	NS	Apr. 1991
△ ↔	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	Apr. 1999
△ ↔	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

LICHENS (1)

△ ↔	Seaside Centipede	<i>Heterodermia sitchensis</i>	BC	May 2000
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MOSSES (1)

△ ↑	Moss, Apple	<i>Bartramia stricta</i>	BC	May 2000
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THREATENED CATEGORY

MAMMALS (12)

△ ↑	Bat, Pallid	<i>Antrozous pallidus</i>	BC	May 2000
△ ↔	Bison, Wood	<i>Bison bison athabasca</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>	(Southern Mountain population) BC, AB	May 2000
△	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	(Boreal population) YT, NT, BC, AB, SK, MB, ON, QC, NF	May 2000
	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	Apr. 1991
△ ↔	Shrew, Pacific Water	<i>Sorex bendirii</i>	BC	May 2000
	Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern Hudson Bay population	Apr. 1988
	Whale, Humpback	<i>Megaptera novaeangliae</i>	North Pacific population	Apr. 1985
	Whale, Killer	<i>Orcinus orca</i>	North Pacific "resident" populations	Apr. 1999

BIRDS (6)

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

AMPHIBIANS (3)

△	Salamander, Jefferson	<i>Ambystoma jeffersonianum</i>	ON	Nov. 2000
△ ↑	Salamander, Pacific Giant	<i>Dicamptodon tenebrosus</i>	BC	Nov. 2000
△ ↔	Toad, Fowler's	<i>Bufo fowleri</i> (<i>Bufo woodhousii fowleri</i>)	ON	Nov. 2000

REPTILES (6)

	Rattlesnake, Eastern Massasauga	<i>Sistrurus catenatus catenatus</i>	ON	Apr. 1991
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△ ↔	Snake, Black Rat	<i>Elaphe obsoleta obsoleta</i>	ON	May 2000
△ ↔	Snake, Eastern Fox	<i>Elaphe vulpina gloydi</i>	ON	May 2000
△ ↔	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

FISH (16)

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

LIST 1. (continued)**THREATENED CATEGORY (continued)****FISH (continued)**

	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
	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
	Sculpin, Shorthead	<i>Cottus confusus</i>	BC	Apr. 1984
△ ↔	Smelt, Lake Utopia Dwarf	<i>Osmerus</i> sp.	NB	May 2000
	Sticklebacks, Enos Lake	<i>Gasterosteus</i> spp.	BC	Apr. 1998
	Whitefish, Lake Simcoe	<i>Coregonus clupeaformis</i>	ON	Apr. 1987

MOLLUSCS (1)

△ ↔	Abalone, Northern	<i>Haliotis kamtschatkana</i>	Pacific coastal waters	May 2000
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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

PLANTS (30)

△ ↔	Aster, Anticosti	<i>Symphotrichum anticostense</i> (<i>Aster anticostensis</i>)	QC, NB	May 2000
△ ↑	Aster, Western Silver-leaved	<i>Symphotrichum sericeum</i> (<i>Virgulus sericeus</i>)	MB, ON	May 2000
△ ↔	Aster, White-top	<i>Sericocarpus rigidus</i> (<i>Aster curtus</i>)	BC	May 2000
	Aster, White Wood	<i>Eurybia divaricata</i> (<i>Aster divaricatus</i>)	ON, QC	Apr. 1995
△ ↔	Blue-flag, Western	<i>Iris missouriensis</i>	AB	May 2000
△ ↔	Braya, Fernald's	<i>Braya fernaldii</i>	NF	May 2000
	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
△ ↔	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>	(Ontario population) ON	Apr. 1994
	Jacob's Ladder, van Brunt's	<i>Polemonium van-bruntiae</i>	QC	Apr. 1994
	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 austiniae</i>	BC	May 2000
	Pepperbush, Sweet	<i>Clethra alnifolia</i>	NS	Apr. 1998
△ ↔	Prairie-clover, Hairy	<i>Dalea villosa</i> var. <i>villosa</i>	SK, MB	May 2000

△ ↔	Redroot	<i>Lachnanthes caroliana</i>	NS	May 2000
△ ↑	Soapweed	<i>Yucca glauca</i>	AB	May 2000
	Spiderwort, Western	<i>Tradescantia occidentalis</i>	AB, SK, 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

LICHENS

MOSESSES

LIST 1. (continued)

SPECIAL CONCERN CATEGORY

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>	NT, NU, MB, ON, QC, NF	Apr. 1999
	Beaver, Mountain	<i>Aplodontia rufa</i>	BC	Apr. 1999
	Cottontail, Nuttall's	<i>Sylvilagus nuttallii nuttallii</i>	(British Columbia population) BC	Apr. 1994
	Ermine	<i>Mustela erminea haidarum</i>	(Queen Charlotte Islands population) BC	Apr. 1984
	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>	(Lacs 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	Apr. 1998
	Whale, Blue	<i>Balaenoptera musculus</i>	Atlantic and Pacific Oceans	Apr. 1983
	Whale, Fin	<i>Balaenoptera physalus</i>	Atlantic and Pacific Oceans	Apr. 1987
	Whale, Beluga	<i>Delphinapterus leucas</i>	Eastern High Arctic/Baffin Bay population	Apr. 1992
	Whale, Humpback	<i>Megaptera novaeangliae</i>	Western North Atlantic population	Apr. 1985
	Whale, Killer	<i>Orcinus orca</i>	North Pacific "transient" population	Apr. 1999
	Whale, Northern Bottlenose	<i>Hyperoodon ampullatus</i>	(Gully population) Atlantic Ocean	Apr. 1996
	Whale, Sowerby's (North Sea)	<i>Mesoplodon bidens</i>	Atlantic Ocean	Apr. 1989
	Beaked Wolverine	<i>Gulo gulo</i>	(Western population) YT, NT, NU, BC, AB, SK, MB, ON	Apr. 1989

BIRDS (22)

	Bittern, Least	<i>Ixobrychus exilis</i>	MB, ON, QC, NB	Apr. 1999
△ ↔	Chat, Eastern Yellow- breasted	<i>Icteria virens virens</i>	ON	Nov. 2000
	Curler, Long-billed	<i>Numenius americanus</i>	BC, AB, SK	Apr. 1992
	Falcon, Peale's Peregrine	<i>Falco peregrinus pealei</i>	BC	Apr. 1999
	Falcon, Tundra Peregrine	<i>Falco peregrinus tundrius</i>	YT, NT, NU, QC, NF	Apr. 1992
↔	Gull, Ivory	<i>Pagophila eburnea</i>	NT, NU, BC, MB, ON, QC NB, NS, NF	Apr. 1996
	Gull, Ross'	<i>Rhodostethia rosea</i>	NU, MB	Apr. 1996
△	Goldeneye, Barrow's	<i>Bucephala islandica</i>	QC, NB, NS, PE, NF	Nov. 2000
	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>	(Western population) BC	Apr. 1999
	Owl, Flammulated	<i>Otus flammeolus</i>	BC	Apr. 1999

	Owl, Short-eared	<i>Asio flammeus</i>	All provinces and territories	Apr. 1994
	Rail, Yellow	<i>Coturnicops noveboracensis</i>	NT, AB, SK, MB, ON, QC, NB, NS	Apr. 1999
△ ↔	Sparrow, "Ipswich" Savannah	<i>Passerculus sandwichensis</i> <i>princeps</i>	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'	<i>Melanerpes lewis</i>	BC	Apr. 1999
	Woodpecker, Red-headed	<i>Melanerpes erythrocephalus</i>	SK, MB, ON, QC	Apr. 1996

AMPHIBIANS (9)

	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
△	Frog, Tailed	<i>Ascaphus truei</i>	(Pacific Coast population) BC	May 2000
	Salamander, Coeur d'Alène	<i>Plethodon idahoensis</i>	BC	Apr. 1998

LIST 1. (continued)

SPECIAL CONCERN CATEGORY (continued)

AMPHIBIANS (continued)

	Salamander, Mountain Dusky	<i>Desmognathus ochrophaeus</i>	QC	Apr. 1998
	Salamander, Smallmouth	<i>Ambystoma texanum</i>	ON	Apr. 1991
	Salamander, Spring	<i>Gyrinophilus porphyriticus</i>	QC	Apr. 1999
	Toad, Great Basin Spadefoot	<i>Spea intermontana</i>	BC	Apr. 1998
	Toad, Great Plains	<i>Bufo cognatus</i>	AB, SK, MB	Apr. 1999

REPTILES (8)

	Lizard, Eastern Short-horned	<i>Phrynosoma douglassii brevirostre</i>	AB, SK	Apr. 1992
	Skink, Five-lined	<i>Eumeces fasciatus</i>	ON	Apr. 1998
	Skink, Northern Prairie	<i>Eumeces septentrionalis</i> <i>septentrionalis</i>	MB	Apr. 1989
	Snake, Butler's Garter	<i>Thamnophis butleri</i>	ON	Apr. 1999
	Snake, Eastern Hognose	<i>Heterodon platirhinos</i>	ON	Apr. 1997
	Racer, Eastern Yellow-bellied	<i>Coluber constrictor flaviventris</i>	SK	Apr. 1991
	Turtle, Spotted	<i>Clemmys guttata</i>	ON, QC	Apr. 1991
	Turtle, Wood	<i>Clemmys insculpta</i>	ON, QC, NB, NS	Apr. 1996

FISH (41)

	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	Apr. 1985
	Chubsucker, Lake	<i>Erimyzon sucetta</i>	ON	Apr. 1994
	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, Brindled	<i>Noturus miurus</i>	ON	Apr. 1985
	Madtom, Northern	<i>Noturus stigmosus</i>	ON	Apr. 1998
△ ↔	Minnnow, Pugnose	<i>Opsopoeodus emiliae</i>	ON	May 2000
	Minnnow, Western Silvery	<i>Hybognathus argyritis</i>	AB	Apr. 1997
	Prickleback, Blackline	<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) Arctic Islands	Apr. 1989
Shiner, Bigmouth	<i>Notropis dorsalis</i>	MB	Apr. 1985
Shiner, Bridle	<i>Notropis bifrenatus</i>	ON	Apr. 1999
Shiner, Pugnose	<i>Notropis anogenus</i>	ON	Apr. 1985
Shiner, Rosyface	<i>Notropis rubellus</i>	(Manitoba population) MB	Apr. 1994
Shiner, Silver	<i>Notropis photogenis</i>	ON	Apr. 1987
Stickleback, Charlotte Unarmoured	<i>Gasterosteus aculeatus</i>	BC	Apr. 1983
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	Apr. 1994
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	Apr. 1985
Warmouth	<i>Lepomis gulosus</i>	ON	Apr. 1994

LIST 1. (continued)

SPECIAL CONCERN CATEGORY (continued)

FISH (continued)

Whitefish, Squanga	<i>Coregonus</i> sp.	YT	Apr. 1987
Wolffish, Bering	<i>Anarhichas orientalis</i>	Arctic Ocean	Apr. 1989
△ Wolffish, Atlantic	<i>Anarhichas lupus</i>	Atlantic Ocean	Nov. 2000

MOLLUSCS (1)

△ Oyster, Olympia	<i>Ostrea conchaphila</i>	BC	Nov. 2000
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LEPIDOPTERANS (2)

△ Admiral, Weidemeyer's	<i>Limenitis weidemeyerii</i>	AB	May 2000
Monarch	<i>Danaus plexippus</i>	All provinces	Apr. 1997

PLANTS (43)

△ Ash, Blue	<i>Fraxinus quadrangulata</i>	ON	Nov. 2000
↓ Aster, Bathurst	<i>Symphyotrichum subulatum</i> (<i>Aster subulatus</i> var. <i>obtusifolius</i>)	(Bathurst population) NB	Apr. 1992
Aster, Crooked-stem	<i>Symphyotrichum prenanthoides</i> (<i>Aster prenanthoides</i>)	ON	Apr. 1999
Aster, Gulf of St. Lawrence	<i>Symphyotrichum laurentianum</i> (<i>Aster laurentianus</i>)	NB, PE, QC	Apr. 1989
Aster, Willow	<i>Symphyotrichum praealtum</i> (<i>Aster praealtus</i>)	ON	Apr. 1999
Bartonia, Branched	<i>Bartonia paniculata</i>	ON	Apr. 1992
Blazing Star, Dense	<i>Liatris spicata</i>	ON	Apr. 1988
Buffalograss	<i>Buchloë dactyloides</i>	SK, MB	Apr. 1998
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	Apr. 1998
Fleabane, Provancher's	<i>Erigeron philadelphicus</i> ssp. <i>provancheri</i>	QC	Apr. 1992
Gentian, Victorin's	<i>Gentianopsis victorinii</i> (<i>Gentiana 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	Apr. 1999
	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> (<i>Cacalia</i> <i>plantaginea</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	Apr. 1997
	Oak, Shumard	<i>Quercus shumardii</i>	ON	Apr. 1999
	Orchid, Eastern Prairie Fringed	<i>Platanthera leucophaea</i>	ON	Apr. 1986
	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

LIST 1. (continued)

SPECIAL CONCERN CATEGORY (continued)

PLANTS (continued)

△	Willow, Sand-dune Short capsuled	<i>Salix brachycarpa</i> var. <i>psammophila</i>	SK	May 2000
△	Willow, Turnor's	<i>Salix turnorii</i>	SK	May 2000
△	Yarrow, Large-headed Woolly	<i>Achillea millefolium</i> var. <i>megacephalum</i>	SK	May 2000

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

MOSESSES

**LIST 2. SPECIES EXAMINED AND DESIGNATED IN THE NOT AT RISK CATEGORY
WITH GEOGRAPHICAL OCCURRENCE AND DATE EXAMINED**

MAMMALS (47)

△	Badger <i>taxus</i> subspecies, American	<i>Taxidea taxus taxus</i>	AB, SK, MB	May 2000
	Bear, American Black	<i>Ursus americanus</i>	All provinces & territories except PE	Apr. 1999
△	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	(Northern Mountain population) YT, NT, BC	May 2000
△ ↔	Caribou, Woodland	<i>Rangifer tarandus caribou</i>	(Newfoundland population) NF	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 and Pacific Oceans	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 and Pacific Oceans	Apr. 1990
Dolphin, Striped	<i>Stenella coeruleoalba</i>	Atlantic and Pacific Oceans	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	<i>Lynx canadensis</i>	All provinces and territories except PE	Apr. 1989
Narwhal	<i>Monodon monoceros</i>	Arctic Ocean	Apr. 1987
Porpoise, Dall's	<i>Phocoenoides dalli</i>	Pacific Ocean	Apr. 1989
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
Sea Lion, California	<i>Zalophus californianus</i>	Pacific coastal waters	Apr. 1987
Sea Lion, Steller	<i>Eumetopias jubatus</i>	Pacific coastal waters	Apr. 1987
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	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>	Beaufort Sea/Arctic Ocean population	Apr. 1985
Whale, Beluga	<i>Delphinapterus leucas</i>	Western Hudson's Bay population	Apr. 1993
Whale, Blainville's Beaked	<i>Mesoplodon densirostris</i>	Atlantic Ocean	Apr. 1989
Whale, Cuvier's Beaked	<i>Ziphius cavirostris</i>	Atlantic and Pacific Oceans	Apr. 1990
Whale, False Killer	<i>Pseudorca crassidens</i>	Pacific Ocean	Apr. 1990
Whale, Grey	<i>Eschrichtius robustus</i>	Northeast Pacific population	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 and Pacific Oceans	Apr. 1994
Whale, Short-finned Pilot	<i>Globicephala macrorhynchus</i>	Pacific Ocean	Apr. 1993
Whale, Sperm	<i>Physeter macrocephalus</i>	Atlantic and Pacific Oceans	Apr. 1996
Whale, Stejneger's Beaked	<i>Mesoplodon stejneri</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

BIRDS (35)

Bluebird, Eastern	<i>Sialia sialis</i>	AB, SK, MB, ON, QC, NB, NS, PE	Apr. 1996
△ ↔ Chat, Western Yellow- breasted	<i>Icteria virens auricollis</i>	(Prairie population) AB, SK	Nov. 2000
Coot, American	<i>Fulica americana</i>	All provinces/territories except NF	Apr. 1991
Cormorant, Double-crested	<i>Phalacrocorax auritus</i>	All provinces	Apr. 1978
Crane, Greater Sandhill	<i>Grus canadensis tabida</i>	BC, MB, ON	Apr. 1979
Eagle, Bald	<i>Haliaeetus leucocephalus</i>	All provinces and territories	Apr. 1984

LIST 2. (continued)

NOT AT RISK CATEGORY (continued)

BIRDS (continued)

Eagle, Golden	<i>Aquila chrysaetos</i>	YT, NT, NU, BC, AB, SK, MB, ON, QC, NF	Apr. 1996
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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>	All provinces and territories	Apr. 1995
Grebe, Red-necked	<i>Podiceps grisegena</i>	All provinces and territories except PE and NB	Apr. 1982
Gyrfalcon	<i>Falco rusticolus</i>	YT, NT, NU, BC, AB, SK, ON, QC, NF, NS, PE	Apr. 1987
Harrier, Northern	<i>Circus cyaneus</i>	All provinces and territories	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>	All provinces and territories	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>	All provinces and territories	Apr. 1997
Loon, Common	<i>Gavia immer</i>	All provinces and territories	Apr. 1997
Loon, Yellow-billed	<i>Gavia adamsii</i>	YT, NT, NU, BC	Apr. 1997
Merlin	<i>Falco columbarius</i>	All provinces and territories	Apr. 1985
Owl, Boreal	<i>Aegolius funereus</i>	All provinces and territories	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
AMPHIBIANS (9)			
△ 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
△ Mudpuppy	<i>Necturus maculosus</i>	ON, QC, MB	May 2000
Salamander, Four-toed	<i>Hemidactylium scotatum</i>	ON, QC, NB, NS	Apr. 1999
Salamander, Northern Dusky	<i>Desmognathus fuscus</i>	ON, QC, NB	Apr. 1999
Salamander, Northwestern	<i>Ambystoma gracile</i>	BC	Apr. 1999
Treefrog, Cope's Grey	<i>Hyla chrysoscelis</i>	MB	Apr. 1999
REPTILES (1)			
Racer, Western Yellow-bellied	<i>Coluber constrictor mormon</i>	BC	Apr. 1991
FISH (30)			
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 olmstedii</i>	ON, QC	Apr. 1993
Herring, Blueback	<i>Alosa aestivalis</i>	NB, NS	Apr. 1980

LIST 2. (continued)

NOT AT RISK CATEGORY (continued)

FISH (continued)

Killifish, Banded	<i>Fundulus diaphanus</i>	(mainland population) MB, ON, QC, NB, NS, PE, NF	Apr. 1989
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
Pickrel, Chain	<i>Esox niger</i>	QC, NB, NS	Apr. 1997
Pickrel, 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) Arctic, Atlantic and Pacific Oceans	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>	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

MOLLUSCS

LEPIDOPTERANS

PLANTS (16)

Aster, Short's	<i>Symphotrichum shortii</i> (<i>Aster shortii</i>)	ON	Apr. 1999
Aster, Yukon	<i>Symphotrichum yukonense</i> (<i>Aster yukonensis</i>)	YT, NT	Apr. 1996
Brickellia, Large-flowered	<i>Brickellia grandiflora</i>	BC, AB	Apr. 1996
Fameflower	<i>Talinum sedifforme</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
Rhododendron, Pacific	<i>Rhododendron macrophyllum</i>	BC	Apr. 1997
Rush Pink	<i>Stephanomeria runcinata</i>	AB, SK	Apr. 1996
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>	NU, SK	Apr. 1999
Woolly-heads, Slender	<i>Psilocarphus tenellus</i> var. <i>tenellus</i>	BC	Apr. 1996

LICHENS

MOSSES

**LIST 3. SPECIES EXAMINED AND DESIGNATED IN THE DATA DEFICIENT CATEGORY
BECAUSE OF INSUFFICIENT SCIENTIFIC INFORMATION
WITH GEOGRAPHICAL OCCURRENCE AND DATE EXAMINED**

MAMMALS (9)

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)	Apr. 1991
Seal, Harbour	<i>Phoca vitulina concolor</i>	Atlantic and Arctic coastal waters	Apr. 1999
Vole, Sagebrush	<i>Lemmiscus curtatus</i>	AB, SK	Apr. 1996
Whale, Dwarf Sperm	<i>Kogia simus</i>	Pacific Ocean	Apr. 1997
Whale, Killer	<i>Orcinus orca</i>	North Atlantic and Arctic populations	Apr. 1999
Wolf, Arctic Grey	<i>Canis lupus arctos</i>	NT, NU	Apr. 1999
Wolf, Eastern Grey	<i>Canis lupus lycaon</i>	ON, QC	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

AMPHIBIANS

REPTILES

FISH (7)

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
Poacher, Pixie	<i>Ocella impi</i>	BC	Apr. 1991
Sculpin, Spinynose	<i>Asemichthys taylori</i>	Pacific Coast	Apr. 1997
↔ Whitefish, Lake (Mira River)	<i>Coregonus clupeaformis</i>	(Mira River population) NS	Nov. 2000

MOLLUSCS (1)

Snail, Gatineau Tadpole	<i>Physella parkeri latchfordi</i>	QC	Apr. 1997
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LEPIDOPTERANS

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</i> var. <i>depauperata</i>	SK	Apr. 1997
Whitlow-grass, Kananaskis	<i>Draba kananaskis</i>	AB	Apr. 1992

LICHENS

MOSESSES

RECORD OF STATUS RE-EXAMINATIONS

Acadian Flycatcher

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

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.

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.

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.

American Water-willow

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

American White Pelican

Designated Threatened in April 1978. Status re-examined and de-listed (Not at Risk) in April 1987.

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.

Anticosti Aster

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

Apple Moss

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000.

Atlantic Walrus (Northwest Atlantic population)

Extirpated around 1850. Designated Extirpated in April 1987. Status confirmed in May 2000.

Atlantic Whitefish

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

Aurora Trout

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

Baird's Sparrow

Designated Threatened in April 1989. Status re-examined and de-listed (Not at Risk) in April 1996.

Banff Longnose Dace

Extinct since 1986. Designated Extinct in April 1987. Status confirmed in May 2000.

Banff Springs Snail

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000.

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.

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.

Bashful Bulrush

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

Bearded Owl-clover

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

Athabasca Thrift

Designated Threatened in April 1981. Status re-examined and downlisted to Special Concern in April 1999.

May 2000.

RECORD OF STATUS RE-EXAMINATIONS (continued)

Beluga Whale (St. Lawrence River population)

Designated Endangered in April 1983. Status re-examined and confirmed in April 1997.

Benthic Hadley Lake Stickleback

Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000.

Benthic Paxton Lake Stickleback

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

Benthic Vananda Creek Stickleback

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000.

Black Rat Snake

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

Black Tern

Designated Not at Risk in April 1988. Status re-examined and confirmed in April 1996.

Black-footed Ferret

Extirpated by 1974. Designated Extirpated in April 1978. Status confirmed in May 2000.

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.

Blue Ash

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

Blue Walleye

Extinct since 1965. Designated Extinct in April 1985. Status confirmed in May 2000.

Blue-eyed Mary

No site records since 1954. Designated Extirpated in April 1987. Extirpated status confirmed in May 2000.

Blunt-lobed Woodsia

Designated Threatened in April 1994. Status re-examined and uplisted to Endangered in May 2000.

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.

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.

Caspian Tern

Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1999.

Central Stoneroller

Designated Special Concern in 1985. Status re-examined and de-listed (Not at Risk) in 1998.

Colicroot

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

Cooper's Hawk

Designated Special Concern in April 1983. Status re-examined and de-listed (Not at Risk) in April 1996.

Cougar (Eastern population)

Designated Endangered in April 1978. Status re-examined in April 1998 and designated Data Deficient.

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.

Cucumber Tree

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

Cultus Pygmy Sculpin

RECORD OF STATUS RE-EXAMINATIONS (continued)

Bluehearts

Designated Threatened in April 1985. Status re-examined and uplisted to Endangered in April 1998. Status re-examined and confirmed in May 2000.

Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2000.

RECORD OF STATUS RE-EXAMINATIONS (continued)

Deepwater Cisco

Extinct since 1952. Designated Extinct in April 1988. Status confirmed in May 2000.

Deerberry

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

Deltoid Balsamroot

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

Drooping Trillium

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

Dwarf Wedgemussel

Extirpated by 1968. Designated Extirpated in April 1999. Status confirmed in May 2000.

Eastern Bluebird

Designated Special Concern in April 1984. Status re-examined and de-listed (Not at Risk) in April 1996.

Eastern Fox Snake

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

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.

Eastern Mole

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

Eastern Mountain Avens

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

Eastern Prickly Pear Cactus

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

Eastern Sand Darter

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

Eastern Yellow-breasted Chat

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

Eelgrass Limpet

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

Eskimo Curlew

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

False Hop Sedge

Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000.

Fernald's Braya

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

Ferruginous Hawk

Designated Threatened in April 1980. Status re-examined and downlisted to Special Concern in April 1995.

Flammulated Owl

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

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.

Frosted Elfin

Extirpated by 1988. Designated Extirpated in April 1999. Status confirmed in May 2000.

Furbish's Lousewort

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

Gattinger's Agalinis

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

RECORD OF STATUS RE-EXAMINATIONS (continued)

April 1999.

RECORD OF STATUS RE-EXAMINATIONS (continued)

Giant Helleborine

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

Golden Crest

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

Golden Eagle

Designated Not at Risk in April 1987. Status re-examined and confirmed in April 1996.

Golden Paintbrush

Designated Threatened in April 1995. Status re-examined and uplisted to Endangered in May 2000.

Goldenseal

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

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.

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.

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.

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.

Grey Whale (Atlantic population)

Extirpated before the end of the 1800's. Designated Extirpated in April 1987. Status confirmed in May 2000.

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.

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.

Gyrfalcon

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

Hairy Prairie-clover

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

Harbour Porpoise (Northwest Atlantic population)

Designated Threatened in April 1990. Status re-examined and confirmed in April 1991.

Heart-leaved Plantain

Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1988 and in May 2000.

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.

Hoary Mountain-mint

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

Hooded Warbler

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

Hotwater Physa

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

RECORD OF STATUS RE-EXAMINATIONS (continued)

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.

"Ipswich" Savannah Sparrow

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

Island Marble

Extirpated by 1910. Designated Extirpated in April 1999. Status confirmed in May 2000.

Ivory Gull

Designated Special Concern in April 1979. Status re-examined and confirmed in April 1996.

Juniper Sedge

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

Karner Blue

Has not been observed since 1991. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000.

Kentucky Coffee-tree

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

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.

Kirtland's Warbler

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

Labrador Duck

Lake Utopia Dwarf Smelt

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

Lake Whitefish (Mira River population)

Designated Data Deficient in April 1999 and in November 2000.

Large Whorled Pogonia

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

Least Bittern

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

Limnetic Hadley Lake Stickleback

Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000.

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.

Limnetic Vananda Creek Stickleback

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000.

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.

Long-tailed Weasel (Prairie population)

Designated Threatened in April 1982. Status re-examined and de-listed (Not at Risk) in April 1993.

Longjaw Cisco

Extinct since 1975. Designated Extinct in April 1985. Status confirmed in May 2000.

RECORD OF STATUS RE-EXAMINATIONS (continued)

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.

Louisiana Waterthrush

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

RECORD OF STATUS RE-EXAMINATIONS (continued)

Marbled Murrelet

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

Maritime Ringlet

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

Mexican Mosquito Fern

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

Morrison Creek Lamprey

Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000.

Mountain Beaver

Designated Not at Risk in April 1984. Status re-examined and uplisted to Special Concern in April 1999.

Mountain Plover

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

Narwhal

Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1987.

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.

Nooksack Dace

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

Northern Abalone

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

Northern Leopard Frog (Southern Mountain population)

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

Northern Madtom

Examined in April 1993 and placed in the Data Deficient category. Re-examined

Northern Riffleshell

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

Northern Spotted Owl

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

Nuttall's Cottontail (Prairie population)

Designated Not at Risk in 1994. Status re-examined and confirmed in April 1994.

Oregon Spotted Frog

Designated Endangered in an emergency listing in November 1999. Status re-examined and confirmed in May 2000.

Pacific Giant Salamander

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

Pacific Water Shrew

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

Paddlefish

Disappeared from Canada in approximately 1917. Designated Extirpated in April 1987. Status confirmed in May 2000.

Pallid Bat

Designated Special Concern in April 1988. Status re-examined and uplisted to Threatened in May 2000.

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.

Peale's Peregrine Falcon

Designated Special Concern in April 1978. Status re-examined and confirmed in April 1999.

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.

RECORD OF STATUS RE-EXAMINATIONS (continued)

in April 1998 and designated Special Concern.

RECORD OF STATUS RE-EXAMINATIONS (continued)

Phantom Orchid

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

Pink Coreopsis

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

Pink Milkwort

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

Piping Plover

Designated Threatened in April 1978. Status re-examined and uplisted to Endangered in April 1985.

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.

Plains Pocket Gopher

Designated Special Concern in April 1979. Status re-examined and de-listed (Not at Risk) in April 1998.

Plymouth Gentian

Designated Threatened in April 1984. Status re-examined and confirmed in April 1999 and in May 2000.

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.

Prairie Falcon

Designated Not at Risk in April 1978. Status re-examined and confirmed in April 1982 and in April 1996.

Prairie Lupine

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

Prairie Warbler

Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in April 1999.

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.

Pugnose Minnow

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

Purple Twayblade

Designated Threatened in April 1989. Status re-examined and uplisted to Endangered in April 1999.

Pygmy Short-horned Lizard (British Columbia population)

Last reported in 1898. Designated Extirpated in April 1992. Status confirmed in May 2000.

Queen Charlotte Goshawk

Designated Special Concern in April 1995. Status re-examined and uplisted to Threatened in November 2000.

Queen Snake

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

Rayed Bean

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

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.

Red-shouldered Hawk

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1996.

Redroot

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

Right Whale

Designated Endangered in 1980. Status re-examined and confirmed Endangered in April 1985 and in April 1990.

River Redhorse

RECORD OF STATUS RE-EXAMINATIONS (continued)

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

RECORD OF STATUS RE-EXAMINATIONS (continued)

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.

Ross' Gull

Designated Special Concern in April 1981. Status re-examined and confirmed in April 1996.

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.

Sage Grouse (British Columbia population)

Has not been reported since the 1960's. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000.

Sage Thrasher

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

Sea Mink

Believed Extinct since 1894. Designated Extinct in April 1986. Status confirmed in May 2000.

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.

Seaside Birds-foot Lotus

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

Seaside Centipede

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

Sharp-shinned Hawk

Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1997.

Sharp-tailed Snake

Showy Goldenrod

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

Shumard Oak

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

Silver Shiner

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

Skinner's Agalinis

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

Slender Bush-clover

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

Slender Mouse-ear-cress

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

Small White Lady's-slipper

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

Small Whorled Pogonia

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

Soapweed

Designated Special Concern in April 1985. Status re-examined and uplisted to Threatened in May 2000.

Southern Maidenhair Fern

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

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.

RECORD OF STATUS RE-EXAMINATIONS (continued)

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

Spotted Sucker

Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994.

RECORD OF STATUS RE-EXAMINATIONS (continued)

Spotted Wintergreen

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

Sprague's Pipit

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

Sweet Pepperbush

Designated Threatened in April 1986. Status re-examined and confirmed in April 1998.

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.

Tiny Cryptanthe

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

Toothcup

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

Trumpeter Swan

Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1996.

Tuberous Indian-plantain

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

Tundra Peregrine Falcon

Designated Threatened in April 1978. Status re-examined and downlisted to Special Concern in April 1992.

Tyrrell's Willow

Designated Threatened in April 1981. Status re-examined and de-listed (Not at Risk) in April 1999.

Vancouver Island Marmot

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

Virginia Goat's-rue

Designated Threatened in April 1996. Status re-examined and uplisted to Endangered in May 2000.

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.

Water-plantain Buttercup

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

Wavy-rayed Lampmussel

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

Western Blue-flag

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

Western Prairie Fringed Orchid

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

Western Silver-leaved Aster

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

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.

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.

White-headed Woodpecker

Designated Threatened in April 1992. Status re-examined and uplisted to Endangered in November 2000.

White-top Aster

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

RECORD OF STATUS RE-EXAMINATIONS (continued)

Whooping Crane

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

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.

Wood-poppy

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

Woodland Caribou (Labrador-Ungava population)

Labrador-Ungava population designated Not at Risk in April 1984. Labrador-Ungava population de-activated in May 2000. Former Labrador-Ungava population is contained within the newly designated Boreal

Woodland Caribou (Newfoundland population)

Newfoundland population designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000.

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 (Atlantic-Gaspésie population)

Atlantic-Gaspésie population designated as Threatened in April 1984. Status re-examined and uplisted to Endangered in May 2000.

Woodland Caribou Dawson's subspecies

Extinct by the 1920's. Designated Extinct in April 1984. Status confirmed in May 2000.

Yellow Montane Violet

Designated Threatened in April 1995. Status re-examined and confirmed in May 2000.

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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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