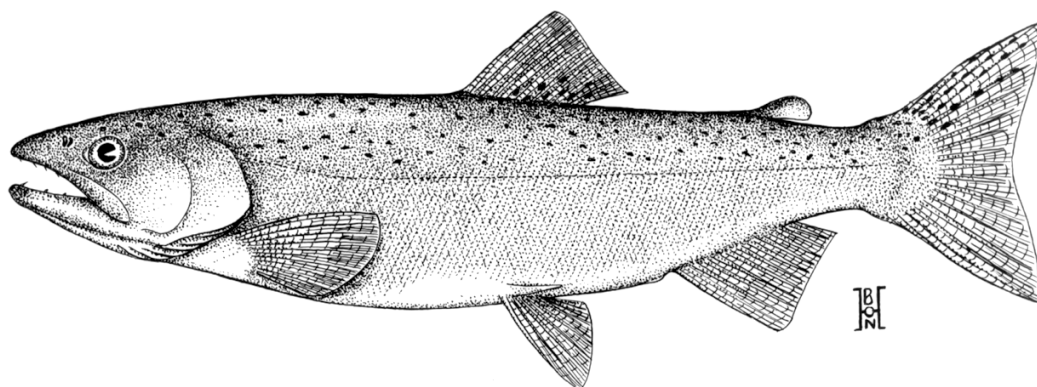


CANADIAN SPECIES AT RISK

MAY 2002



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 Biosystematics Partnership, chaired by the Canadian Museum of Nature), three nonjurisdictional members and the co-chairs of the species specialist and the Aboriginal Traditional Knowledge Subcommittees. 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 designated in the five “risk” categories and in the NOT AT RISK and DATA DEFICIENT categories

Table 1. Summary of list 1: COSEWIC list of species at risk. Results include the May 2002 meeting.

| CATEGORY / STATUS | EXTINCT | EXTIRPATED | ENDANGERED | THREATENED | SPECIAL CONCERN | TOTALS |
|--------------------------|----------------|-------------------|-------------------|-------------------|------------------------|---------------|
| Mammals | 2 | 4 | 18 | 15 | 24 | 63 |
| Birds | 3 | 2 | 21 | 8 | 22 | 56 |
| Reptiles | | 4 | 5 | 11 | 10 | 30 |
| Amphibians | | 1 | 5 | 5 | 7 | 18 |
| Fishes | 5 | 2 | 11 | 20 | 36 | 74 |
| Lepidopterans | | 3 | 4 | 2 | 2 | 11 |
| Molluscs | 1 | 1 | 7 | 1 | 1 | 11 |
| Vascular Plants | | 2 | 50 | 37 | 41 | 130 |
| Mosses | | | 2 | 1 | | 3 |
| Lichens | | | 2 | | 4 | 6 |
| TOTALS | 11 | 19 | 125 | 100 | 147 | 402 |

Table 2. Summary of list 2: COSEWIC list of species not at risk. Results include the May 2002 meeting.

| CATEGORY / STATUS | NOT AT RISK |
|--------------------------|--------------------|
| Mammals | 46 |
| Birds | 35 |
| Reptiles | 4 |
| Amphibians | 12 |
| Fishes | 32 |
| Lepidopterans | |
| Molluscs | 1 |
| Vascular Plants | 16 |
| Mosses | |
| Lichens | |
| TOTALS | 146 |

Table 3. Summary of list 3: COSEWIC list of data deficient species. Results include the May 2002 meeting.

| CATEGORY / STATUS | DATA DEFICIENT |
|--------------------------|-----------------------|
| Mammals | 8 |
| Birds | 2 |
| Reptiles | 2 |
| Amphibians | |
| Fishes | 7 |
| Lepidopterans | |
| Molluscs | 2 |
| Vascular Plants | 4 |
| Mosses | |
| Lichens | |
| TOTALS | 25 |

Results of May 2002 COSEWIC meeting

Table 4. May 2002 species by status and taxon.

| CATEGORY / STATUS | EXTINCT | EXTIRPATED | ENDANGERED | THREATENED | SPECIAL CONCERN | NOT AT RISK | DATA DEFICIENT | TOTALS |
|-------------------|----------|------------|------------|------------|-----------------|-------------|----------------|-----------|
| Mammals | | 1 | 3 | 3 | 2 | 1 | | 10 |
| Birds | | | 1 | | 1 | | | 2 |
| Reptiles | | 2 | 1 | 4 | 4 | 3 | 2 | 16 |
| Amphibians | | | | | 3 | | | 3 |
| Fishes | | | 1 | 1 | | 1 | 1 | 4 |
| Lepidopterans | | | 1 | | | | | 1 |
| Molluscs | | | | | | | | 0 |
| Vascular Plants | | | 1 | 4 | 2 | | | 7 |
| Mosses | | | | | | | | 0 |
| Lichens | | | 1 | | 1 | | | 2 |
| TOTALS | 0 | 3 | 9 | 12 | 13 | 5 | 3 | 45 |

Table 5. May 2002 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 | | 2 | 6 | 4 | 6 | 3 | 2 | 23 |
| Uplisted (↑) | | | 1 | 4 | 1 | | | 6 |
| Downlisted (↓) | | | | | | | | 0 |
| No Change (↔) | | 1 | 2 | 4 | 6 | 1 | | 14 |
| Changed (⇄) | | | | | | | 1 | 1 |
| De-listed (✓) | | | | | | 1 | | 1 |
| TOTALS | 0 | 3 | 9 | 12 | 13 | 5 | 3 | 45 |

* Explanation of terms on following page.

COSEWIC LISTS

The lists that follow are organized by status category and then by taxonomic group. An explanation of the 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 on the outcome of status re-examinations (e.g., uplisting, downlisting) and the 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. All three lists include the 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 (11)

| | | | | 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 (5) | | | | | |
| △ ↔ | Cisco, Deepwater | <i>Coregonus johanna</i> | ON | 1952 | 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 (19)

| | | | | Extirpation Date | Examination Date |
|------------------------|----------------------------|---|-------------------------------|--|-----------------------------|
| Mammals (4) | | | | | |
| △ ↔ | Bear, Grizzly | <i>Ursus arctos</i> | Prairie population | AB SK MB 1880s | May 2002 |
| △ ↔ | 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 SK | May 2000 |
| Reptiles (4) | | | | | |
| △ ↔ | 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 |
| △ | Snake, Pacific Gopher | <i>Pituophis catenifer catenifer</i> | | BC not observed since 1957 | May 2002 |
| △ | Turtle, Pacific Pond | <i>Clemmys marmorata</i> | | BC not observed since 1959 | May 2002 |
| Amphibians (1) | | | | | |
| △ | Salamander, Tiger | <i>Ambystoma tigrinum</i> | Great Lakes population | ON Not observed since 1915 | 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 |
| Lepidoptera (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 (125)

Mammals (18)

| | | | | | | |
|------------------|---|--|----------------------------------|--|---------------------------------|----------|
| △ | | 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 2002 |
| △ ↔ | | 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> | St. Lawrence River population | QC | Apr 1997 |
| | | Whale, Beluga | <i>Delphinapterus leucas</i> | Southeast Baffin Island-Cumberland Sound | NU NF Arctic Ocean | Apr 1990 |
| △ | | Whale, Blue | <i>Balaenoptera musculus</i> | Atlantic population | Atlantic Ocean | May 2002 |
| △ | | Whale, Blue | <i>Balaenoptera musculus</i> | Pacific population | Pacific Ocean | May 2002 |
| | | 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 (21)

| | | | | | | |
|---|---|--|---|-----------------------------|--|----------|
| △ | ↑ | 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 |
| △ | | Screech-owl <i>macfarlanei</i> subspecies, Western | <i>Otus kennicottii macfarlanei</i> | | BC | May 2002 |
| △ | ↔ | 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 | May 2002 |
| | | 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 |

ENDANGERED CATEGORY (continued)

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 |
| △ ↔ | 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 (11)

| | | | | | |
|-----|-------------------------------------|--|--------------------------------|-------------------|----------|
| △ ↔ | 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) | May 2001 |
| △ | Salmon, Coho | <i>Oncorhynchus kisutch</i> | Interior Fraser population | BC | May 2002 |
| △ ↑ | 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 (4)

| | | | | | |
|-----|-----------------------|--------------------------------------|--|-------|----------|
| △ | Blue, Island | <i>Plebejus saepiolus insulanus</i> | | BC | Nov 2000 |
| △ | Checkerspot, Taylor's | <i>Euphydryas editha taylori</i> | | BC | Nov 2000 |
| △ | Moth, Yucca* | <i>Tegeticula yuccasella</i> | | AB | May 2002 |
| △ ↔ | 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>Simpsonaias 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 (50)

| | | | | | |
|------|------------------------------|---|--|-------|----------|
| △+ ↔ | 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 |
| △ ↔ | Balsamroot, 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 quinquefolius</i> | | ON QC | May 2000 |
| △+ ↑ | Goat's-rue, Virginia | <i>Tephrosia virginiana</i> | | ON | May 2000 |

*The Yucca Moth (*Tegeticula yuccasella*) and Soapweed (*Yucca glauca*) have an obligate mutualistic relationship. Soapweed was designated Threatened in May 2000.

ENDANGERED CATEGORY (continued)

| | | | | | | |
|--------------------|---|------------------------------------|---|---------------------|-------|----------|
| △ | ↔ | 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 | 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 |
| △ | ↑ | Violet, Bird's-foot | <i>Viola pedata</i> | | ON | May 2002 |
| △ | ↔ | Willow, Barrens | <i>Salix jejuna</i> | | NF | May 2001 |
| △ | ↔ | Wintergreen, Spotted | <i>Chimaphila maculata</i> | | ON QC | 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 (2) | | | | | | |
| △ | ↔ | Lichen, Boreal Felt | <i>Erioderma pedicellatum</i> | Atlantic population | NB NS | May 2002 |
| △ | ↔ | Seaside Centipede | <i>Heterodermia sitchensis</i> | | BC | May 2000 |

THREATENED CATEGORY (100)

| Mammals (15) | | | | | |
|----------------|---|--------------------------------------|--|--|----------------|
| △ | ↑ | Bat, Pallid | <i>Antrozous pallidus</i> | BC | May 2000 |
| △ | ↔ | Bison, Wood | <i>Bison bison athabascaae</i> | YT NT BC AB | May 2000 |
| △ | ↔ | Caribou, Peary | <i>Rangifer tarandus pearyi</i> | NT NU | Apr 1991 |
| △ | ↔ | Caribou, Woodland | <i>Rangifer tarandus caribou</i> | NT BC AB SK MB | May 2002 |
| △ | ↔ | Caribou, Woodland | <i>Rangifer tarandus caribou</i> | ON QC NF | |
| △ | ↔ | Caribou, Woodland | <i>Rangifer tarandus caribou</i> | BC AB | May 2002 |
| △ | ↑ | Ermine <i>haidarum</i> subspecies | <i>Mustela erminea haidarum</i> | BC | May 2001 |
| △ | ↑ | Fox, Grey | <i>Urocyon cinereoargenteus</i> | MB ON | May 2002 |
| △ | ↑ | 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 |
| △ ⁺ | ↔ | Shrew, Pacific Water | <i>Sorex bendirii</i> | BC | May 2000 |
| | ↔ | Whale, Beluga | <i>Delphinapterus leucas</i> | QC Arctic Ocean | Apr 1988 |
| △ ⁺ | | Whale, Humpback | <i>Megaptera novaeangliae</i> | North Pacific population | Pacific Ocean |
| △ ⁺ | | Whale, Killer | <i>Orcinus orca</i> | Northeast Pacific northern resident population | Pacific Ocean |
| △ ⁺ | ↑ | Whale, Killer | <i>Orcinus orca</i> | Northeast Pacific transient population | Pacific Ocean |
| 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 | May 2000 |
| | | | | SK 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 (11) | | | | | |
| △ | ↑ | Gartersnake, Butler's | <i>Thamnophis butleri</i> | ON | Nov 2001 |
| | | Rattlesnake, Eastern Massasauga | <i>Sistrurus catenatus catenatus</i> | ON | Apr 1991 |
| △ | | Ribbonsnake, Northern | <i>Thamnophis sauritus</i> | Atlantic population | NS |
| △ | ↔ | 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, Great Basin Gopher | <i>Pituophis catenifer deserticola</i> | BC | May 2002 |
| △ | ↔ | Snake, Queen | <i>Regina septemvittata</i> | ON | May 2000 |
| △ | | Stinkpot | <i>Sternotherus odoratus</i> | ON QC | May 2002 |
| △ | | Turtle, Blanding's | <i>Emydoidea blandingii</i> | Nova Scotia population | NS |
| △ | ↔ | Turtle, Eastern Spiny Softshell | <i>Apalone spinifera</i> | ON QC | May 2002 |
| 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 (20) | | | | | |
| △ ⁺ | ↑ | 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 | May 2002 |
| △ | ↔ | Darter, Eastern Sand | <i>Ammocrypta pellucida</i> | ON QC | Nov 2000 |

THREATENED CATEGORY (continued)

| | | | | | | |
|--------------------------|---|-------------------------------|--|-------------------------------|-----------------------------|----------|
| △ | ↑ | Gar, Spotted | <i>Lepisosteus oculatus</i> | | ON | Nov 2000 |
| △ | ↑ | Lamprey, Cowichan Lake | <i>Lampetra macrostoma</i> | | BC | Nov 2000 |
| △ ⁺ | ↑ | Minnnow, 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 |
| △ | ↔ | 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>Satyrrium 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 (37) | | | | | | |
| △ | ↔ | Aster, Anticosti | <i>Symphyotrichum anticostense</i> | | QC NB | May 2000 |
| △ | ↑ | Aster, Crooked-stem | <i>Symphyotrichum prenanthoides</i> | | ON | May 2002 |
| △ | ↑ | 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 |
| △ | | Daisy, Lakeside | <i>Hymenoxys herbacea</i> | | ON | May 2002 |
| △ | ↔ | Deerberry | <i>Vaccinium stamineum</i> | | ON | Nov 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 |
| △ | ↑ | Hyacinth, Wild | <i>Camassia scilloides</i> | | ON | May 2002 |
| | | 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 QC | Apr 1992 |
| △ | ↔ | Mosquito-fern, Mexican | <i>Azolla mexicana</i> | | BC | May 2000 |
| △ ⁺ | ↓ | 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 caroliniana</i> | | NS | May 2000 |
| △ | ↑ | Rose, Climbing Prairie | <i>Rosa setigera</i> | | ON | May 2002 |
| | | Sand-verbena, Small-flowered | <i>Tripterocalyx micanthus</i> | | AB SK | Apr 1992 |
| △ | | 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 |

* Soapweed (*Yucca glauca*) and Yucca Moth (*Tegeticula yuccasella*) have an obligate mutualistic relationship. Yucca Moth was designated Endangered in May 2002.

THREATENED CATEGORY (continued)

| | | | | |
|--------------------|------------------------|--|-------|----------|
| △ ↔ | 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 (147)

| Mammals (24) | | | | | |
|----------------|---|--|--|---|----------|
| | | 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 | May 2002 |
| | ↔ | Bear, Polar | <i>Ursus maritimus</i> | YT NT NU MB ON QC | Apr 1999 |
| △ | ↔ | Beaver, Mountain | <i>Aplodontia rufa</i> | NF | Nov 2001 |
| △ | ↑ | Caribou, Woodland | <i>Rangifer tarandus caribou</i> | BC | Nov 2001 |
| | | | | YT NT BC | May 2002 |
| | | | | Northern Mountain population | |
| | | | | British Columbia population | |
| | | Cottontail, Nuttall's | <i>Sylvilagus nuttallii nuttallii</i> | BC | Apr 1994 |
| | | Kangaroo Rat, Ord's | <i>Dipodomys ordii</i> | AB SK | Apr 1995 |
| △ | ↔ | Mole, Eastern | <i>Scalopus aquaticus</i> | ON | Nov 2000 |
| | | Moose, Western Harvest | <i>Reithrodontomys megalotis megalotis</i> | BC | Apr 1994 |
| | | | | British Columbia population | |
| △ | ↔ | Prairie Dog, Black-tailed | <i>Cynomys ludovicianus</i> | SK | Nov 2000 |
| | | Seal, Harbour | <i>Phoca vitulina mellonae</i> | QC | Apr 1996 |
| | | | | Lac des Loups Marins landlocked population | |
| | | Shrew, Gaspé | <i>Sorex gaspensis</i> | QC NB NS | Apr 1988 |
| | | Squirrel, Southern Flying | <i>Glaucomys volans</i> | ON QC NS | Apr 1988 |
| △ | ↔ | Vole, Woodland | <i>Microtus pinetorum</i> | ON QC | Nov 2001 |
| | | Whale, Beluga | <i>Delphinapterus leucas</i> | NU Arctic Ocean | Apr 1992 |
| | | | | Eastern High Arctic / Baffin Bay population | |
| | | Whale, Fin | <i>Balaenoptera physalus</i> | Atlantic Ocean Pacific Ocean | Apr 1987 |
| | | Whale, Humpback | <i>Megaptera novaeangliae</i> | Atlantic Ocean | Apr 1985 |
| | | | | Western North Atlantic population | |
| △ ⁺ | | Whale, Killer | <i>Orcinus orca</i> | Northeast Pacific offshore population | Nov 2001 |
| | | Whale, Northern Bottlenose | <i>Hyperoodon ampullatus</i> | Gully population | 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 | Apr 1989 |
| | | | | YT NT NU BC AB SK MB ON | |
| Birds (22) | | | | | |
| △ | ↔ | 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> | 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> | 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 NB | 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 |
| | | | | NT BC AB SK MB ON | Nov 2001 |
| △ | ↔ | Rail, Yellow | <i>Coturnicops noveboracensis</i> | QC NB | Nov 2001 |
| | | Screech-owl <i>kennicottii</i> subspecies, Western | <i>Otus kennicottii kennicottii</i> | BC | May 2002 |
| △ | ↔ | Sparrow, "Ipswich" Savannah | <i>Passerculus sandwichensis 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's | <i>Melanerpes lewis</i> | BC | Nov 2001 |
| | | Woodpecker, Red-headed | <i>Melanerpes erythrocephalus</i> | SK MB ON QC | Apr 1996 |

SPECIAL CONCERN CATEGORY (continued)

| | | | | |
|--------------------------|-------------------------------|--|----------------------|----------|
| Reptiles (10) | | | | |
| | Lizard, Eastern Short-horned | <i>Phrynosoma douglassii brevirostre</i> | AB SK | Apr 1992 |
| △ | Milksnake, Eastern | <i>Lampropeltis triangulum</i> | ON QC | May 2002 |
| | Racer, Eastern Yellow-bellied | <i>Coluber constrictor flaviventris</i> | SK | Apr 1991 |
| △ | Ribbonsnake, Northern | <i>Thamnophis sauritus</i> | ON | May 2002 |
| | Skink, Five-lined | <i>Eumeces fasciatus</i> | ON | Apr 1998 |
| | Skink, Northern Prairie | <i>Eumeces septentrionalis septentrionalis</i> | MB | Apr 1989 |
| △ | Skink, Western | <i>Eumeces skiltonianus</i> | BC | May 2002 |
| △ | Turtle, Northern Map | <i>Graptemys geographica</i> | ON QC | May 2002 |
| | 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> | NT AB SK MB | Apr 1998 |
| △ ↔ | Frog, Northern Red-legged | <i>Rana aurora</i> | BC | May 2002 |
| △+ ↔ | 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 | May 2002 |
| △ ↔ | Toad, Great Plains | <i>Bufo cognatus</i> | AB SK MB | May 2002 |
| Fishes (36) | | | | |
| | 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> | 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 |
| △ | Sculpin, Columbia Mottled | <i>Cottus bairdi hubbsi</i> | BC | May 2000 |
| | Sculpin, Fourhorn | <i>Myoxocephalus quadricornis</i> | 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, Giant | <i>Gasterosteus</i> sp. | BC | Apr 1980 |
| | Sticklebacks, Charlotte | <i>Gasterosteus</i> sp. | BC | Apr 1983 |
| | Unarmoured | | | |
| | 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 | Nov 2001 |
| | | | QC NB NS PE | |
| △ | Weidemeyer's Admiral | <i>Limenitis weidemeyerii</i> | AB | May 2000 |

SPECIAL CONCERN CATEGORY (continued)

| | | | | | |
|---------------------|-----------------|---------------------------------|---|----------|----------|
| Molluscs (1) | | | | | |
| △ | Oyster, Olympia | <i>Ostrea conchaphila</i> | BC | Nov 2000 | |
| Plants (41) | | | | | |
| △ | ↓ | Ash, Blue | <i>Fraxinus quadrangulata</i> | ON | Nov 2000 |
| | | Aster, Bathurst | <i>Symphyotrichum subulatum</i> | NB | Apr 1992 |
| | | Aster, Gulf of St. Lawrence | <i>Symphyotrichum laurentianum</i> | QC NB PE | Apr 1989 |
| | | Aster, Willow | <i>Symphyotrichum praealtum</i> | ON | Apr 1999 |
| | | Bartonia, Branched | <i>Bartonia paniculata</i> ssp. <i>paniculata</i> | ON | Apr 1992 |
| △ | | Beggarticks, Vancouver Island | <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 |
| △ | ↔ | Indian-plantain, Tuberous | <i>Arnoglossum plantagineum</i> | ON | May 2002 |
| | | Lilaeopsis, Eastern | <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-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 | May 2002 |
| | | 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. <i>psammophila</i> | 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 |
| Mosses (0) | | | | | |
| Lichens (4) | | | | | |
| △ | | Cryptic Paw | <i>Nephroma occultum</i> | BC | Apr 1995 |
| | | Lichen, Boreal Felt | <i>Erioderma pedicellatum</i> | NF | May 2002 |
| | | 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 (by province / territory / ocean) (146 species).

| Mammals (46) | | | | | |
|---------------------|--|-------------------------------------|--|--|----------|
| △ | 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 2002 |
| ↔ | 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 | Arctic Ocean population | 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 |
| 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> | | YT NT NU BC AB SK MB ON QC NB NS | 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 |

NOT AT RISK CATEGORY (continued)

| | | | | |
|------------------------|--------------------------------|--|--|----------|
| ↔ | 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 | Apr 1982 |
| ↔ | Gyrfalcon | <i>Falco rusticolus</i> | YT NT NU BC AB SK MB ON QC NS NF | Apr 1987 |
| | Harrier, Northern | <i>Circus cyaneus</i> | YT NT NU BC AB SK ON QC NS PE NF | Apr 1993 |
| ✓ | Hawk, Cooper's | <i>Accipiter cooperii</i> | MB ON QC NB NS PE NF | Apr 1996 |
| | Hawk, Red-tailed | <i>Buteo jamaicensis</i> | BC AB SK MB ON QC NB NS YT NT NU BC AB SK | Apr 1995 |
| | Hawk, Rough-legged | <i>Buteo lagopus</i> | MB ON QC NB NS PE NF | Apr 1995 |
| ↔ | Hawk, Sharp-shinned | <i>Accipiter striatus</i> | YT NT NU BC MB ON QC NF YT NT NU BC AB SK | Apr 1997 |
| | Loon, Common | <i>Gavia immer</i> | MB ON QC NB NS PE NF YT NT NU BC AB SK | Apr 1997 |
| | Loon, Yellow-billed | <i>Gavia adamsii</i> | MB ON QC NB NS PE NF | Apr 1997 |
| | Merlin | <i>Falco columbarius</i> | YT NT NU BC AB MB QC YT NT NU BC AB SK | Apr 1985 |
| | Owl, Boreal | <i>Aegolius funereus</i> | MB ON QC NB NS PE NF YT NT NU BC AB SK | Apr 1995 |
| ✓ | Owl, Great Grey | <i>Strix nebulosa</i> | MB ON QC NB NS PE NF | Apr 1996 |
| | Owl, Northern Hawk | <i>Surnia ulula</i> | YT NT BC AB SK MB ON QC YT NT BC AB SK MB | Apr 1992 |
| | Owl, Snowy | <i>Nyctea scandiaca</i> | ON QC NB NF | Apr 1995 |
| ✓ | Pelican, American White | <i>Pelecanus erythrorhynchos</i> | YT NT NU MB QC NF | Apr 1987 |
| | Screech-Owl, Eastern | <i>Otus asio</i> | BC AB SK MB ON | Apr 1986 |
| ✓ | Sparrow, Baird's | <i>Ammodramus bairdii</i> | SK MB ON QC NB | Apr 1996 |
| | Sparrow, Nelson's Sharp-tailed | <i>Ammodramus nelsoni</i> | AB SK MB | Apr 1998 |
| ✓ | Swan, Trumpeter | <i>Cygnus buccinator</i> | BC AB SK MB ON QC NB NS PE | Apr 1996 |
| ↔ | Tern, Black | <i>Chlidonias niger</i> | YT NT BC AB SK ON 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> | | 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 (4) | | | | |
| △ | Brownsnake, DeKay's | <i>Storeria dekayi</i> | ON QC | May 2002 |
| △ | Lizard, Northwestern Alligator | <i>Elgaria coerulea principis</i> | BC | May 2002 |
| | Racer, Western Yellow-bellied | <i>Coluber constrictor mormon</i> | BC | Apr 1991 |
| △ | Watersnake, Common | <i>Nerodia sipedon sipedon</i> | ON QC | May 2002 |
| 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> | ON QC NB NS NF | Apr 1999 |
| | Frog, Pickerel | <i>Rana palustris</i> | Eastern population | Apr 1999 |
| △ | Frog, Western Chorus | <i>Pseudacris triseriata</i> | ON QC NB NS | Apr 1999 |
| △ | Mudpuppy | <i>Necturus maculosus</i> | ON QC | May 2001 |
| | Salamander, Four-toed | <i>Hemidactylium scutatum</i> | MB ON QC | May 2000 |
| | Salamander, Northern Dusky | <i>Desmognathus fuscus</i> | ON QC NB NS | Apr 1999 |
| | Salamander, Northwestern | <i>Ambystoma gracile</i> | ON QC NB | Apr 1999 |
| △ | Salamander, Tiger | <i>Ambystoma tigrinum</i> | BC | Apr 1999 |
| | | | Prairie / Boreal population | Nov 2001 |
| △ | Salamander, Western Red-backed | <i>Plethodon vehiculum</i> | AB SK MB | Nov 2001 |
| | Treefrog, Cope's Grey | <i>Hyla chrysoscelis</i> | BC | Nov 2001 |
| | | | MB | Apr 1999 |
| Fishes (32) | | | | |
| | Bloater | <i>Coregonus hoyi</i> | ON | Apr 1988 |
| | Chub, Hornyhead | <i>Nocomis biguttatus</i> | MB ON | Apr 1988 |

NOT AT RISK CATEGORY (continued)

| | | | | | |
|---|-------------------------|-----------------------------------|---------------------|--|----------|
| | 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 |
| △ | ✓ 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 |
| | Sardine, Pacific | <i>Sardinops sagax</i> | | Pacific Ocean | May 2002 |
| | Sculpin, Fourhorn | <i>Myoxocephalus quadricornis</i> | Salt water form | Arctic 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 buchmanii</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 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 |
| | 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> | | NT 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 geographical occurrence and date of last examination (by province / territory / ocean) (25 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 Atlantic and Arctic coastal waters | Apr 1991 |
| | Seal, Harbour | <i>Phoca vitulina concolor</i> | | | Apr 1999 |
| | Vole, Sagebrush | <i>Lemmyscus curtatus</i> | Northwest Atlantic / Eastern Arctic populations | AB SK | Apr 1996 |
| △ ⁺ | Whale, Dwarf Sperm | <i>Kogia simus</i> | | Pacific Ocean | Apr 1997 |
| ↔ | Whale, Killer | <i>Orcinus orca</i> | | Arctic Ocean Atlantic Ocean | Nov 2001 |
| | Wolf, Arctic Grey | <i>Canis lupus arctos</i> | | NT NU | Apr 1999 |
| Birds (2) | | | | | |
| | Poorwill, Common | <i>Phalaenoptilus nuttallii</i> | | BC AB SK | Apr 1993 |
| | Tern, Forster's | <i>Sterna forsteri</i> | | BC AB SK MB ON | Apr 1996 |
| Reptiles (2) | | | | | |
| △ | Bullsnake | <i>Pituophis catenifer sayi</i> | | AB SK | May 2002 |
| △ | Turtle, Eastern Box | <i>Terrapene carolina carolina</i> | | ON | May 2002 |
| Amphibians (0) | | | | | |
| Fishes (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 |
| ⊙ | Madtom, Margined | <i>Noturus insignis</i> | | ON QC | May 2002 |
| ⊙ | 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</i> var. <i>depauperata</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. Status re-examined and confirmed in May 2002. Last assessment based on an existing 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.

Bird's-foot Violet

Designated Threatened in April 1990. Status re-examined and uplisted to Endangered in May 2002. Last assessment based on an update 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 Racer

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

Blue Whale

Canadian range was designated Special Concern in April 1983. Original listing for Blue Whale was de-activated in May 2002 when the listing was split into two populations: Blue Whale (Atlantic population) and Blue Whale (Pacific population). The Atlantic and the Pacific populations were both designated Endangered in May 2002.

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.

Channel Darter

Designated Threatened in April 1993. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Climbing Prairie Rose

Designated Special Concern in April 1986. Status re-examined and uplisted to Threatened in May 2002. 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.

Crooked-stem Aster

Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in May 2002. Last assessment based on an update 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 Spiny Softshell Turtle
 Designated Threatened in April 1991. Status re-examined and confirmed in May 2002. Last assessment based on an update 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.

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

Furbish's Louisewort
 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.

Great Plains Toad

Designated Special Concern in April 1999. Status re-examined and confirmed Special Concern in May 2002. Last assessment based on an existing 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 Fox

Designated Special Concern in April 1979. Status re-examined and uplisted to Threatened in May 2002. Last assessment based on an update 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

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]). [Non-prairie population] designated Special Concern in April 1991. The status was re-examined and confirmed in May 2002. Last assessment based on an update status report.

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. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update 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 Blittern

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 exubitorides 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. Listing was de-activated in May 2002 because it was concluded that this species is a synonym of the Shortjaw Cisco, *Coregonus zenithicus*, which was designated as Threatened in 1987.
- 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.
- Margined Madtom**
Designated Threatened in April 1989. Status re-examined in May 2002 and placed in the Data Deficient category. Last assessment based on an existing 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 Red-legged Frog

Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing 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 Sardine

Designated Special Concern in April 1987. Status re-examined and de-listed (designated Not at Risk) in May 2002. 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 and de-activated 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.
- Spring Salamander**
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. 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 Cryptanthus**
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 and in May 2002. Last assessment based on an existing 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 Screech-Owl**
Entire western range was placed in the Data Deficient category in April 1995. In May 2002, the species was re-examined and split into two groups according to subspecies. The *kennicottii* subspecies was designated Special Concern and the *macfarlanei* subspecies was designated Threatened in May 2002. The original listing was de-activated.
- 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.

Wild Hyacinth
Designated Special Concern in April 1990. Re-examined and uplisted to Threatened in May 2002. 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. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Boreal population)
Boreal population designated Threatened in May 2000. This newly defined population is comprised of a portion of the de-activated "Western population" and

all of the de-activated "Labrador-Ungava population." Status re-examined and confirmed in May 2002. 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. Former Labrador-Ungava population is contained within the Boreal population.

Woodland Caribou (Newfoundland population)
Newfoundland population designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update status report.

Woodland Caribou (Northern Mountain population)
Northern Mountain population designated Not at Risk in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and uplisted to Special Concern in May 2002. Last assessment based on an update status report.

Woodland Caribou (Southern Mountain population)
Southern Mountain population designated Threatened in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and confirmed in May 2002. 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 and 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 Lilaepsis | Lilaepsis |
| Eastern Loggerhead Shrike | Loggerhead Shrike (Eastern population) |
| Eastern Spiny Softshell Turtle | Spiny Softshell Turtle |
| Eastern Wolf | Grey Wolf |
| Eastern Yellow-breasted Chat | Yellow-breasted Chat (Eastern population) |
| Eelgrass Limpet | Bowl Limpet |
| <i>Emydoidea blandingii</i> | <i>Emydoidea blandingi</i> |
| <i>Enemion biternatum</i> | <i>Isopyrum biternatum</i> |
| Ermine haidarum subspecies | Ermine (Queen Charlotte Islands population) |
| <i>Eurybia divaricata</i> | <i>Aster divaricatus</i> |
| <i>Gasterosteus</i> sp. | <i>Gasterosteus aculeatus</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> |

* Now known as *Ascaphus montanus*.

| Current Common Name or Scientific Name (Population) | Previous Name(s) or Synonym |
|--|---|
| Mexican Mosquito-fern | Mexican Mosquito Fern |
| 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 |
| Northern Spotted Owl | Spotted Owl |
| <i>Panax quinquefolius</i> | <i>Panax quinquefolium</i> |
| 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> |
| <i>Simpsonaias ambigua</i> | <i>Simpsonaias ambigua</i> |
| Small-flowered Sand-verbena | Sand Verbena |
| Southern Grey Wolf | Grey Wolf |
| Sowerby's Beaked Whale | North Sea Beaked Whale |
| Spring blue-eyed Mary | Blue-eyed Mary |
| <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> |
| <i>Tripterocalyx micranthus</i> | <i>Abronia micrantha</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) |

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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. In 2002, COSEWIC is celebrating 25 years of Science and Knowledge for species at risk in Canada.



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