

In Canada, there are more than 250 species of plants and animals at risk of extinction

Extinct - a species that no longer exists anywhere.

Extirpated - a species no longer existing in the wild in one area but occurring elsewhere in the world.

Endangered - a species that is close to extinction throughout all or a large portion of a specific area.

Threatened - a species likely to become endangered if the factors affecting it are not reversed.

Vulnerable - a species particularly at risk because of low or declining numbers, or some other reason, but not a threatened species.

<https://prezi.com/zljmv4bzbvhsf/the-sea-mink/>



Sea Mink Presentation



Wild Mink



Snow Mink



Cute Mink



White Mink



European Mink

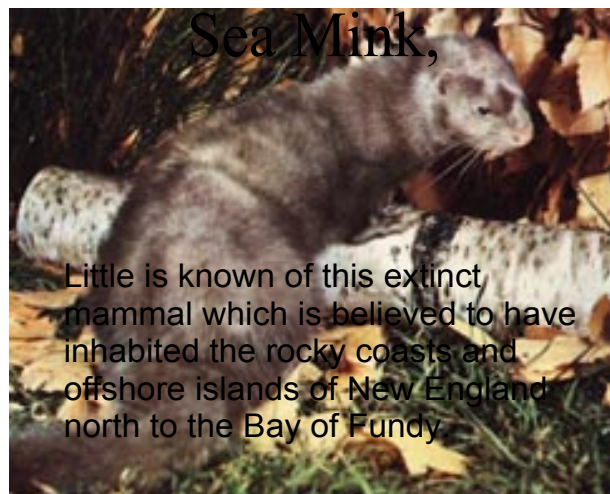


Common Mink

Extinct - 9 species

Mammals, 2; Birds, 3; Fish, 4

Dawson's Caribou, Sea Mink, Great Auk, Labrador Duck, Passenger Pigeon, Deepwater Cisco, Longjaw Cisco, Banff Longnose Dace, Blue Walleye



Labrador Duck

Extirpated - 11 species

Mammals, 5; Birds, 1; Reptiles, 1; Fish, 2; Plants, 2

Grizzly Bear (Prairie population),



Black-footed Ferret,



Swift Fox,



Walrus (Northwest Atlantic population),



Gray Whale (Atlantic population),



Greater Prairie-Chicken,



Pygmy Short-horned Lizard,



Gravel Chub,



Paddlefish,



Blue-eyed Mary,



Illinois Tick Trefoil



Endangered - 55 species

Mammals, 11; Birds, 14; Amphibians, 1; Reptiles, 3; Fish, 3; Plants, 23

Mammals: Peary Caribou (Banks Island and High Arctic population), Eastern Cougar, Vancouver Island Marmot, Sea Otter, Bowhead Whale, Right Whale, Beluga Whale (St. Lawrence River, Ungava Bay and Southeast Baffin Island-Cumberland Sound populations), Wolverine (Eastern population).

Birds: Whooping Crane, Eskimo Curlew, Northern Bobwhite, Harlequin Duck (Eastern population), Anatum Peregrine Falcon, Acadian Flycatcher, Spotted Owl, Mountain Plover, Piping Plover, King Rail, Loggerhead Shrike (Eastern population), Henslow's Sparrow, Sage Thrasher, Kirtland's Warbler.

Amphibians: Blanchard's Cricket Frog.

Reptiles: Blue Racer Snake, Lake Erie Water Snake, Leatherback Turtle.

Fish: Salish Sucker, Aurora Trout, Acadian Whitefish.

Plants: Gattinger's Agalinis, Skinner's Agalinis, Eastern Prickly Pear Cactus, Slender Bush Clover, Pink Coreopsis, Southern Maidenhair Fern, White Prairie Gentian, Small White Lady's slipper, Furbish's Lousewort, Pink Milwort, Eastern Mountain Avens, Hoary Mountain-mint, Slender Mouse-ear-cress, Western Fringed Prairie Orchid, Heart-leaved Plantain, Large Whorled Pogonia, Small Whorled Pogonia, Wood Poppy, Engelmann's Quillwort, Threat-leaved Sundew, Cucumber Tree, Water-pennywort, Spotted Wintergreen.

Threatened - 62 species

**Mammals, 8; Birds, 9; Reptiles, 3;
Fish, 12; Plants, 30;**

Mammals: Wood Bison, Peary Caribou (Low Arctic pop.), Woodland Caribou (Quebec pop.), Newfoundland Pine Marten, Harbour Porpoise (Western Atlantic pop.), Pacific Water Shrew, Humpback Whale (North Pacific pop.), Beluga Whale (Eastern Hudson Bay pop.)

Birds: Yellow-breasted Chat (Okanagan pop.), Ferruginous Hawk, Marbled Murrelet, Burrowing Owl, Loggerhead Shrike (Prairie pop.), Baird's Sparrow, Roseate Tern, Hooded Warbler, White-headed Woodpecker

Reptiles: Eastern Massasauga Rattlesnake, Blanding's Turtle (Nova Scotia pop.), Spiny Softshell Turtle

Fish: Blackfin Cisco, Shortjaw Cisco, Shortnose Cisco, Channel Darter, Eastern Sand Darter, Margined Madtom, Black Redhorse, Copper Redhorse, Great Lakes Deepwater Sculpin, Shorthead Sculpin, Enos Lake Stickleback, Lake Simcoe Whitefish

Plants: Blue Ash, Anticosti Aster, Bluehearts, American Chestnut, Colicroot, Deerberry, Mosquito Fern, Western Blue Flag, Plymouth Gentian, Ginseng, Golden Crest, Golden Seal, Round-leaved Greenbrier, Giant Helleborine, van Brunt's jacob's Ladder, Small-flowered Lipocarpha, Red Mulberry, Sweet Pepperbush, Nodding Pogonia, Redroot, Western Spiderwort, Pitcher's Thistle, Athabasca Thrift, Kentucky Coffee Tree, Purple Twayblade, Sand Verbena, Bird's-foot Violet, American Water-willow, Tyrrell's Willow, Blunt-lobed Woodsia

Vulnerable - 119 species

**Mammals, 22; Birds, 23; Amphibians, 3;
Reptiles, 4; Fish, 38, Plants, 29;**

Grizzly Bear, Polar Bear, Woodland Caribou (Western population), Grey Fox, Blue Whale (Atlantic and Pacific populations), Wolverine, Eastern Bluebird, Peales Peregrine Falcon, Tundra Peregrine Falcon, Cooper's Hawk, Ancient Murrelet, Great Gray Owl, Trumpeter Swan, Eastern Yellow-bellied Racer Snake, Spotted Gar, Pacific Sardine, Green Sturgeon, Redbreasted Sunfish, Victorin's Water Hemlock, Wild Hyacinth, Phantom Orchid, Prairie Rose, Hop Tree



Extinction in the Modern World



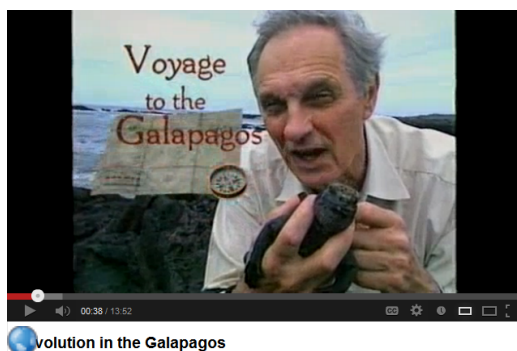
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- 1600 - 1900 AD, one every four years
- 21st Century, one every thirty minutes
 - o in Canada, 80 species per year
 - o natural disasters were the biggest threat to organisms previous to the presence of humans
- over 500 million species have existed on Earth
 - o 90% have either become extinct or evolved into new species
- climate change and pressure of competition from other species force organisms to adapt or die.
- *Today human activity is the major cause of extinction*

Charles Darwin

Evolution in the Galapagos

13:51 Darwin's Finches



Wonders of Galapagos



Doesn't work



Song of evolution