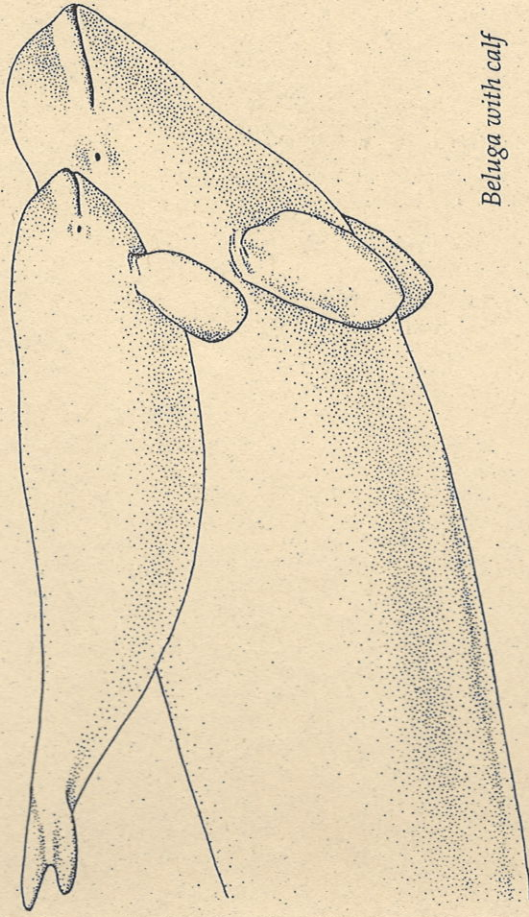


Field Checklist Of the Mammals of Manitoba



Beluga with calf

Location _____

Date _____

Time _____

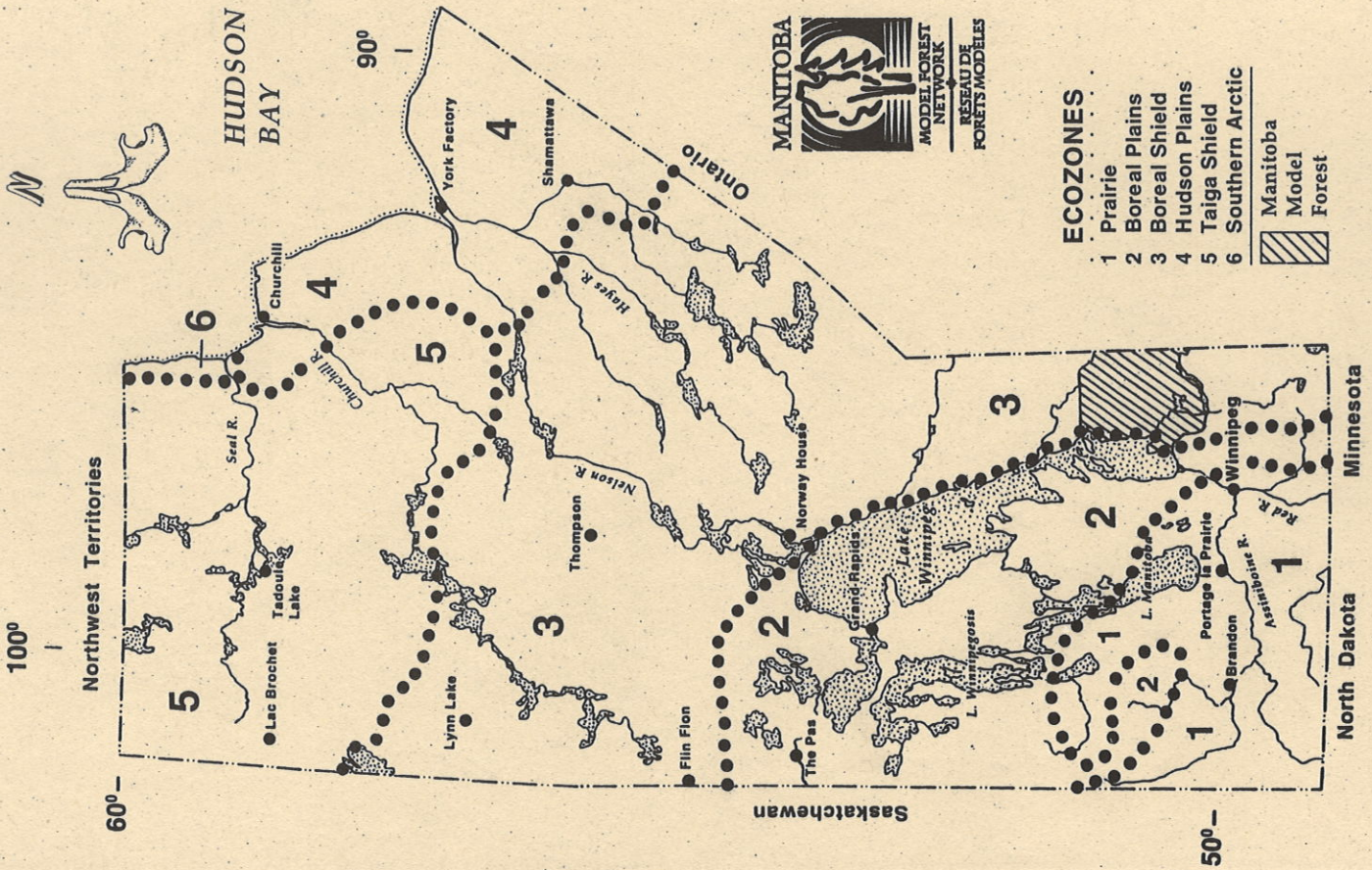
Weather _____

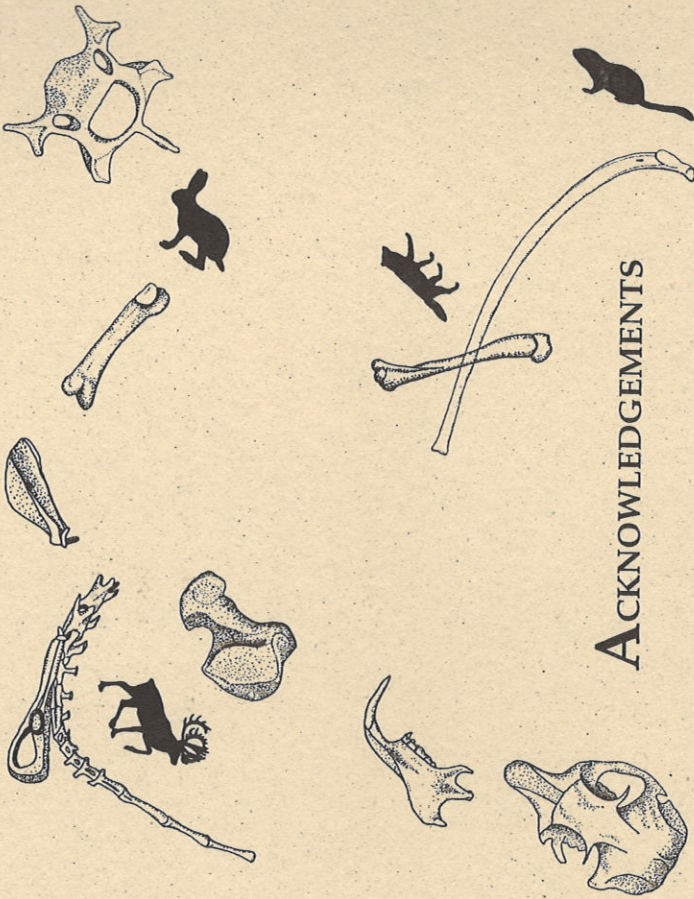
Observer(s) _____



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Ecozones on back cover map are adapted from a 1995 map prepared by Agriculture and Agri-Food Canada and the Canadian Soil Information System in cooperation with Environment Canada.

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Map on the back cover is adapted from a provincial map of Manitoba.

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INTRODUCTION In Canada, 196 species of land and marine mammals have been recorded since historical times. This *Field Checklist of the Mammals of Manitoba* provides range maps for the province's 87 species. The 24 families (grey bands) are in 9 orders (black bands).

The black area of a range map, derived from dotted range maps at the Manitoba Museum of Man and Nature in Winnipeg, and consultation, indicates where the mammal lives in suitable habitat. Ranges of marine mammals are a stippled area (page 7). Ranges of extirpated or extinct land mammals are also represented by a stippled area (page 8). Check the provincial status code for the species concerned. For Mule Deer and Moose, the dots (■) on their range maps (page 10), represent isolated pockets of the species. The dot on the American Bison map (page 11) indicates the location of the only free roaming herd.

Common and scientific names are from a standard list by Jones et. al. (1992). After each species' name is a letter/number code identifying its current (last 20 years) provincial conservation status rank. The six bat species (pages 2-3) have additional breeding status letters. The code, derived from several sources, is explained on page 12 and is based on the Manitoba Conservation Data Centre MS report 97-01 by James Duncan from 1997.

An **Addendum** on five species (page 11), a short reading list (inside back cover), and a provincial map (back cover) complete this field checklist. —

Tom Reaume and Stephen Toews



INSECTIVORA ♦ Insectivores

Soricidae — Shrews

Masked Shrew S5
Sorex cinereus

Dusky Shrew S3
Sorex monticolus

Water Shrew S5
Sorex palustris

Arctic Shrew S5
Sorex arcticus

Pygmy Shrew S5
Sorex hoyi

Northern Short-tailed Shrew S5
Blarina brevicauda

Talpidae — Moles

Star-nosed Mole S3
Condylura cristata



CHIROPTERA ♦ Bats

Vespertilionidae — Smooth-faced Bats

Little Brown Myotis S2N, S5B
Myotis lucifugus



Northern Myotis S3S4N, S4B
Myotis septentrionalis



Silver-haired Bat S3S4B, SZN
Lasionycteris noctivagans



Big Brown Bat SRN, S4S5B
Eptesicus fuscus



Eastern Red Bat S3B, SZN
Lasiurus borealis



Hoary Bat S3B, SZN
Lasiurus cinereus



PRIMATES ♦ Primates

Hominidae — Human

Human S5
Homo sapiens



LAGOMORPHA ♦ Pikas, Hares, Rabbits

Leporidae — Rabbits and Hares

Eastern Cottontail S5
Sylvilagus floridanus



Snowshoe Hare S5
Lepus americanus





Southern Bog Lemming S3
Synaptomys cooperi

Northern Bog Lemming S5
Synaptomys borealis

Heather Vole S5
Phenacomys intermedius

Richardson's Collared Lemming S3
Dicrostonyx richardsoni

Common Muskrat S5
Ondatra zibethicus

Prairie Vole S3
Microtus ochrogaster

Meadow Vole S5
Microtus pennsylvanicus

Muridae — Old World Rats, Mice

Norway Rat SE5
Rattus norvegicus

House Mouse SE5
Mus musculus

Zapodidae — Jumping Mice, Jerboas

Western Jumping Mouse S3
Zapus princeps

Meadow Jumping Mouse S5
Zapus hudsonius



Woodland Jumping Mouse S2
Napaeozapus insignis

Erethizontidae — Porcupines

Common Porcupine S5
Erethizon dorsatum



CETACEA ♦ Whales, Dolphins, Porpoises

Monodontidae — White Whale, Narwhal

Beluga S5
Delphinapterus leucas



Balaenidae — Bowhead Whales

Bowhead Whale S1
Balaena mysticetus



CARNIVORA ♦ Carnivores

Canidae — Dogs

Coyote S5
Canis latrans



Gray Wolf S4
Canis lupus





Arctic Fox S5
Alopex lagopus



Red Fox S5
Vulpes vulpes



Swift Fox SX
Vulpes velox



Common Gray Fox SA
Urocyon cinereoargenteus



Ursidae — Bears

Black Bear S5
Ursus americanus



Grizzly Bear SX south, SA north
Ursus arctos



Polar Bear S4
Ursus maritimus



Procyonidae — Raccoons and their Allies

Common Raccoon S5
Procyon lotor



Mustelidae — Weasels and their Allies

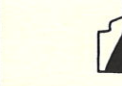
American Marten S5
Martes americana



Fisher S4
Martes pennanti



Ermine S5
Mustela erminea



Long-tailed Weasel S5
Mustela frenata



Least Weasel S5
Mustela nivalis



Mink S5
Mustela vison



Wolverine S4 north, SX south
Gulo gulo



American Badger S4
Taxidea taxus



Striped Skunk S5
Mephitis mephitis



Northern River Otter S5
Lutra canadensis



Felidae — Cats

Mountain Lion S2
Felis concolor



Lynx S5
Lynx lynx



Bobcat S3
Lynx rufus



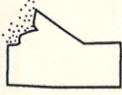
PINNIPEDIA ♦ Seals, Sea Lions, Walrus



Bearded Seal S3S4
Erignathus barbatus



Phocidae — True Seals



CONSERVATION STATUS RANK DEFINITIONS

- S1 VERY RARE:** Five or less occurrences in Manitoba or very few remaining individuals; especially vulnerable to extirpation.
- S2 RARE:** Six to 20 occurrences in Manitoba or very few remaining individuals; may be susceptible to extirpation.
- S3 UNCOMMON:** Between 20-100 occurrences in Manitoba; may have fewer occurrences but with a larger number of individuals in some populations; may be susceptible to large-scale disturbances.
- S4 APPARENTLY SECURE:** Widespread, abundant and apparently secure in Manitoba but is of long-term concern; usually more than 100 occurrences; usually not susceptible to immediate threats.
- S5 SECURE:** Widespread, abundant and demonstrably secure in Manitoba; essentially ineradicable under present conditions.
- S#S# NUMERICAL RANGE RANK:** A range between two consecutive numerical ranks. Denotes range of uncertainty about the exact status of the species (e.g., S2S3).
- SH HISTORICAL:** Species occurred historically throughout its range in Manitoba (with expectation it may be rediscovered), perhaps having not been verified in the past 20 years, and suspected to be still extant.
- SX EXTINCT / EXTIRPATED:** Species believed to be extinct or extirpated in Manitoba.
- SA ACCIDENTAL:** Casual in Manitoba (e.g., infrequent and far outside usual range). Includes species recorded once or twice at very great intervals, hundreds or even thousands of kilometres outside their usual range.
- SE EXOTIC:** An introduced species established in the province; may be native in nearby regions. An exotic established in Manitoba can be assigned a numerical rank.
- SR REPORTED:** Species reported in Manitoba but without persuasive documentation which would provide a basis for either accepting or rejecting the report (e.g., misidentified specimen).
- SRF REPORTED FALSELY:** Species erroneously reported in the province; the error may have persisted in the literature.
- SZ ZERO OCCURRENCES:** Not of practical conservation concern in the province, because there are no definable occurrences, although the species is native and appears regularly in the province. This rank will generally be used for long distance migrants whose occurrences during their migrations are too irregular or transitory, and mappable occurrences cannot be defined.
- BREEDING STATUS** For species with distinct breeding and non-breeding populations, a breeding-species rank is coupled with its complementary non-breeding status rank. The two ranks are separated by a comma, with the higher priority rank listed first (e.g., S2B, S3N).
- B BREEDING:** A breeding population in Manitoba.
- N NON-BREEDING:** A non-breeding population in Manitoba.

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