

# COURSE WLD1010: INTRODUCTION TO WILDLIFE

NAME \_\_\_\_\_

## Pre-Immersion Assignment

### Part One – Wildlife and Regulations /18

1. What is “wildlife”? In your own words, use three sentences to explain what you believe the term “wildlife” means. /2
  
2. Research and clearly define the term “wildlife” /3
  
3. The Province of Alberta has a Wildlife Act found here /5  
[/http://www.qp.alberta.ca/documents/Acts/W10.pdf](http://www.qp.alberta.ca/documents/Acts/W10.pdf). The definition of wildlife is “(1) “wildlife” means big game, birds of prey, fur-bearing animals, migratory game birds, non-game animals, non-licence animals and upland game birds, and includes any hybrid offspring resulting from the crossing of 2 wildlife animals or that belong to the Crown as a result of the application of section 7(4);

Browse through the Alberta Wildlife Act and note five interesting things you learned:

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-  
-  
-  
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4. National Parks of Canada have Wildlife Regulations as well and can be found here: <http://laws-lois.justice.gc.ca/eng/regulations/sor-81-401/page-1.html>. However, the brief summary is a good starting point! Find it here! <http://www.pc.gc.ca/eng/pn-np/ab/jasper/visit/depliants-brochures.aspx#safety>
  - a) What are the regulations related to wildlife viewing? /2
  
  - b) What are the regulations related to hunting and firearms? /3

5. As a steward of Jasper National Park, you are asked to please report any activity /3  
such as fishing offences, poaching, feeding and harassment of animals, littering, removal of  
artifacts, damage to vegetation, or public liquor use.  
What three ways can you communicate concerns to Parks Canada officials?

Optional Assignment: Read “Keep the Wild in Wildlife” brochure and/or “Bears and People” brochure.  
Brochures can be found here: <http://www.pc.gc.ca/eng/pn-np/ab/jasper/visit/depliants-brochures.aspx#safety>

Create a cartoon panel that conveys specific information about keeping animals and people safe in Jasper National Park

### **Part Two - Wildlife Management**

There are two types of Wildlife Management: Manipulative and Custodial.

Manipulative management does something to a population whether changing its numbers by direct means or influencing numbers by the indirect means of altering food supply, habitat, density of predators, or prevalence of disease.

Custodial management on the other hand is preventative or protective. It is aimed at minimizing external influence on the population and its habitat. Allows free rein to the ecological processes that determine the dynamics of the system.

1. Read the article about the *Engdangered Ords Kangaroo Rat* found here: /5  
<https://wildlifepreservation.ca/ords-kangaroo-rat-translocations/>

Answer these questions:

- a. Explain why the Ords Kangaroo Rat is endangered. /2
- b. What conservation efforts does this article identify? /2
- c. Are these efforts Manipulative management or Custodial management? /1

2. Read the article about the *Endangered Roseate Tern* found here <https://wildlifepreservation.ca/roseate-tern/> . This endangered seabird experienced sharp declines during the 1970s. Today, there are fewer than 250 adults in Canada. The article calls for three conservation measures.  
Classify each as Manipulative Management (M) or Custodial Management (C).  
 \_\_\_\_\_managing predators  
 \_\_\_\_\_enhancing nesting habitat  
 \_\_\_\_\_establishing additional predator-free colonies.
3. The fencing around Jasper Park Lodge's golf course was changed /2  
so that it is easier for predators such as wolves to move through the area. You'll learn more about this wildlife management strategy when you visit Jasper.  
a) Do you think this is an example of custodial or manipulative management?
4. The use, entry and travel by all types of watercraft on Jasper's Maligne River between the outlet of Maligne Lake to the inlet of Medicine Lake is prohibited. This closure protects Harlequin Ducks.  
a) Is this an example of custodial or manipulative management? /1  
  
b) What may be differing viewpoints on this issue? /2
5. Read the article about the Swift Fox <https://wildlifepreservation.ca/swift-fox-reintroduction/> and answer these questions:  
a. What types of manipulative management were done with the Swift Fox? /3  
  
b. Do you think custodial management would have had the same results? /2  
why or why not?



- Wildlife management studies, research and lobbying by interest groups help designate times of the year when certain wildlife species can be legally hunted, allowing for surplus animals to be removed (hunted) in certain WMU's (Wildlife Management Units). A hunting season is the time when it is legal to hunt and kill a particular species of animal. Investigate the regulations surrounding hunting season in Alberta.

Match the terms:

- open
- limited
- closed

\_\_\_\_\_ no hunting is permitted - due to peak reproductive activity, impaired flying ability during moulting (of game birds such as waterfowl), and temperature extremes, low population levels and food shortage. Hunting at this time is illegal and is deemed poaching. Report a Poacher Hotline at 1-800-642-3800.

\_\_\_\_\_ the time of the year when a particular wildlife species is allowed to be hunted as per local wildlife conservation law

\_\_\_\_\_ special licenses are acquired/purchased through the Draw System. Learn more here <http://www.albertaregulations.ca/huntingregs/>

- Read this example of an Alberta Fish and Wildlife Unsolved Case.

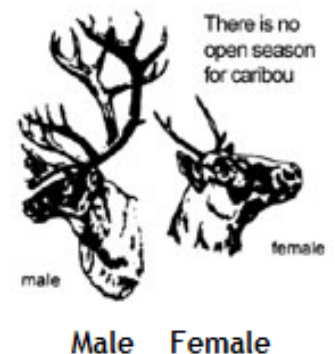
The Woodland Caribou is an example of a species with a \_\_\_\_\_ season for hunting because it is classified as a threatened species. The unsolved case below is an example of \_\_\_\_\_.

**Alberta Fish and Wildlife Unsolved Case – Highway 41 near Cold Lake Air Weapons Range – Dec 15, 2011 Incident: Caribou Shot and Abandoned near Cold Lake Air Weapons Range** -- On Thursday December 15, 2011, the Bonnyville Fish and Wildlife office received a report of a female woodland caribou found dead along Highway 41, north of La Corey, Alberta.

The Caribou was reported as having been shot twice with a rifle and found approximately 2 kilometres south of the gate into the Cold Lake Air Weapons Range on Highway 41. The shooting occurred between the night of December 7th and morning of December 12th, 2011. A small portion of the caribou meat was taken, however the majority was left to waste.

Woodland Caribou are identified as “threatened” in Alberta under the *Wildlife Act*. There are no seasons available for hunting of this species. Penalties under the *Wildlife Act* for hunting woodland caribou can result in fines of up to \$100,000 or to imprisonment for a term of not more than 2 years, or both.

**Woodland Caribou -**  
Woodland Caribou are classified as threatened animals in Alberta.



- Research one career tied to Wildlife Management. Topics to include: Education, Salary, Duties, Pros, Cons, and whether or not you would like that career and why.

*Examples:*

- Wildlife Biologist <http://www.eco.ca/career-profiles/wildlife-biologist/>

- *Fish and Wildlife Officer* <http://www.albertaparks.ca/albertaparksca/about-us/job-profiles/conservation-officers/> and <http://occinfo.alis.alberta.ca/occinfopreview/info/browse-occupations/occupation-profile.html?id=71008064>
- *Provincial Park Ranger* <http://www.albertaparks.ca/albertaparksca/about-us/job-profiles/park-rangers/>
- *National Park Warden* <http://occinfo.alis.alberta.ca/occinfopreview/info/browse-occupations/occupation-profile.html?id=71002683>