

Name: _____

Rangeland Herbivores

A variety of herbivores utilize rangelands. Follow the exercise below to learn more about the diverse animals that call rangelands home.

1. Go to: <https://animaldiversity.org/>
2. Under “Browse Kingdom Animalia”, click on “Insects”
3. Answer the following questions from “Insecta”
 - a. The three main body parts of insects are:
 - i. _____
 - ii. _____
 - iii. _____
 - b. List 5 reasons insects benefit humans:
 - i. _____
 - ii. _____
 - iii. _____
 - iv. _____
 - v. _____
 - c. Click on “Members of this Class”:
 - i. In what order are grasshoppers found? _____
4. Click on “Home”, then click on “Birds”. Follow these links to find a particular species and then answer the questions: Click on “Members of this Class”, then click on “Order Galiformes” followed by Family Phasianidae,” then click on “Sub-Family Tetraoninae”, then click on “Genus Centrocercus” followed by “Species Centrocercus urophasianus.” Finally click on the information icon and read about the species.
 - a. What is the common name for the species you found? _____
 - b. What plant constitutes the majority of an adult’s diet? _____
 - c. List 3 reasons these birds are important to humans:
 - i. _____
 - ii. _____
 - iii. _____

5. Click on “Home”, then click on “Mammals”, scroll down and click on “Artiodactyla”.
 - a. Artiodactyla stands for _____ ungulates.
 - b. Scroll down and click on “Cervidae”.
 - i. Which teeth are absent on Cervids? _____
 - ii. Cervids have which type of stomach? _____
 - iii. What are antlers made of? _____
6. Click on “Artiodactyla”, scroll down and click on “Bovidae”.
 - a. How do horns differ from antlers? _____
 - b. “All bovids have a _____ stomach and digest cellulose through _____.”
 - c. Click on “Members of this Family”.
 - d. Click on the information icon for “Genus Bison” and then species “Bison bison”.
 - i. List two distinctive features of bison: _____
and _____
 - ii. Bison feed primarily on: _____
7. Click on “Bovinae”, followed by “Genus Bos”, then click on the information icon for “Bos taurus”.
 - a. What are the four parts of the ruminant stomach?
 - i. _____
 - ii. _____
 - iii. _____
 - iv. _____
 - b. How long does the length of digestion take in ruminants? _____