

# Mammal Study

## *Scouts BSA Merit Badge*

*To complete this merit badge the scout will need to conduct their project that will influence the numbers of one or more mammals and report the results to a merit badge counselor.*



Name: \_\_\_\_\_

## Vocabulary

animal: \_\_\_\_\_

\_\_\_\_\_

invertebrate: \_\_\_\_\_

\_\_\_\_\_

vertebrate: \_\_\_\_\_

\_\_\_\_\_

## Mammal Project Results

- The number of mammals \_\_\_\_\_ as the result of my project.
- Draw or describe your results:

### 3 characteristics of mammals:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

## Mammal Project Brainstorm

- Mammal(s) that I will study: \_\_\_\_\_  
\_\_\_\_\_
- What I will do: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- I predict that the number of mammals will \_\_\_\_\_ as the result of my project because \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Materials I will need: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Classification

1. **North American river otter**  
Phylum: \_\_\_\_\_  
Class: \_\_\_\_\_  
Order: \_\_\_\_\_  
Family: \_\_\_\_\_  
Genus: \_\_\_\_\_  
species: \_\_\_\_\_
2. **snow leopard**  
Phylum: \_\_\_\_\_  
Class: \_\_\_\_\_  
Order: \_\_\_\_\_  
Family: \_\_\_\_\_  
Genus: \_\_\_\_\_  
species: \_\_\_\_\_
3. **African lion**  
Phylum: \_\_\_\_\_  
Class: \_\_\_\_\_  
Order: \_\_\_\_\_  
Family: \_\_\_\_\_  
Genus: \_\_\_\_\_  
species: \_\_\_\_\_

## North American river otter

- History:  
1600s \_\_\_\_\_  
early 1900s \_\_\_\_\_  
1930s \_\_\_\_\_  
1970s \_\_\_\_\_  
1990s \_\_\_\_\_  
2000-current \_\_\_\_\_
- # of kits per litter: \_\_\_\_\_
- what otters eat: \_\_\_\_\_  
\_\_\_\_\_
- habitat: \_\_\_\_\_  
\_\_\_\_\_
- Do you think that otters are helpful or harmful?  
\_\_\_\_\_  
Why? \_\_\_\_\_  
\_\_\_\_\_

## Food Chain #1

## Food Chain #2