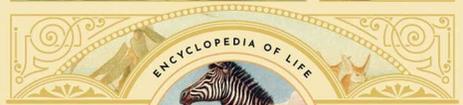
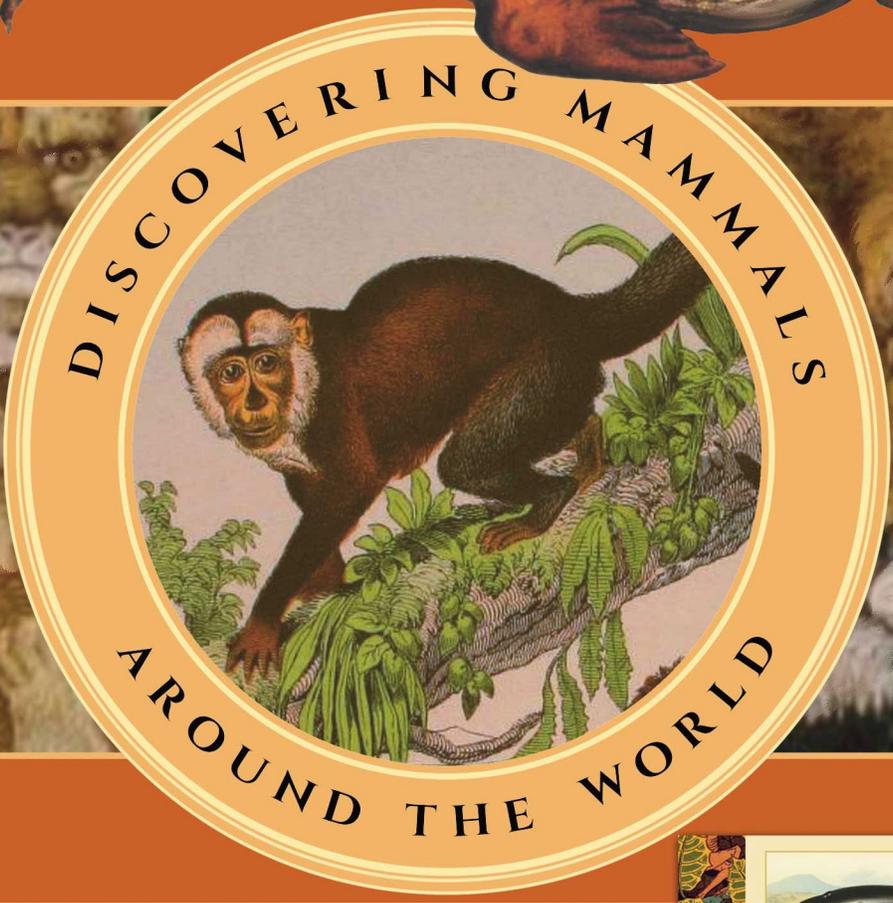


# UNCOVERING THE WILD



**MAMMALIA**  
AN ILLUSTRATED GUIDE TO THE WORLD OF MAMMALS





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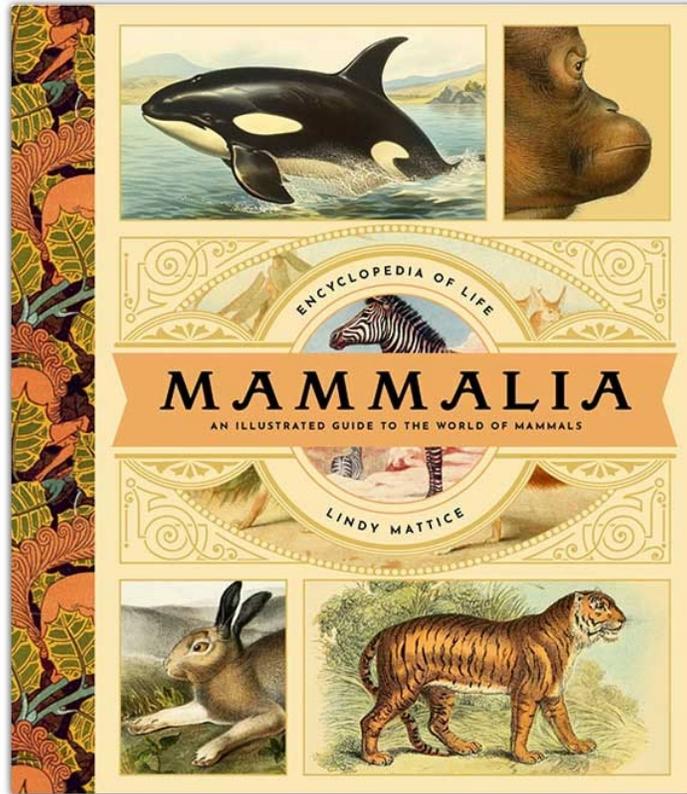
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*Mammalia*

## Acknowledgement



*Mammalia*

By Lindy Mattice

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### **A breathtaking visual encyclopedia of the world's most fascinating mammals**

Featuring over 125 amazing mammals and hundreds of vintage zoological illustrations, *Mammalia* is the gorgeous guide to the mammal class (a.k.a. home to you and me!). Enchanting artwork from some of the world's most accomplished zoological artists adorns over 140 pages of facts, charts, and taxonomic trees. Written by Lindy Mattice, author of *How to Speak Animal*, this visual tome is as stunning as it is informative and a must-have vintage treasure.

*Uncovering The Wild: Discovering Mammals Around the World*

**Bovidae Family - Cows, Sheep, and other Bovids**

Use the information on pages 6-7 to fill out the spaces below.

Describe this family and what makes it unique:

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Estimated number of species: \_\_\_\_\_

Choose two of the members of this family shown in the book. Explain how they are related to each other. You can draw a diagram to help your explanation.

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

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

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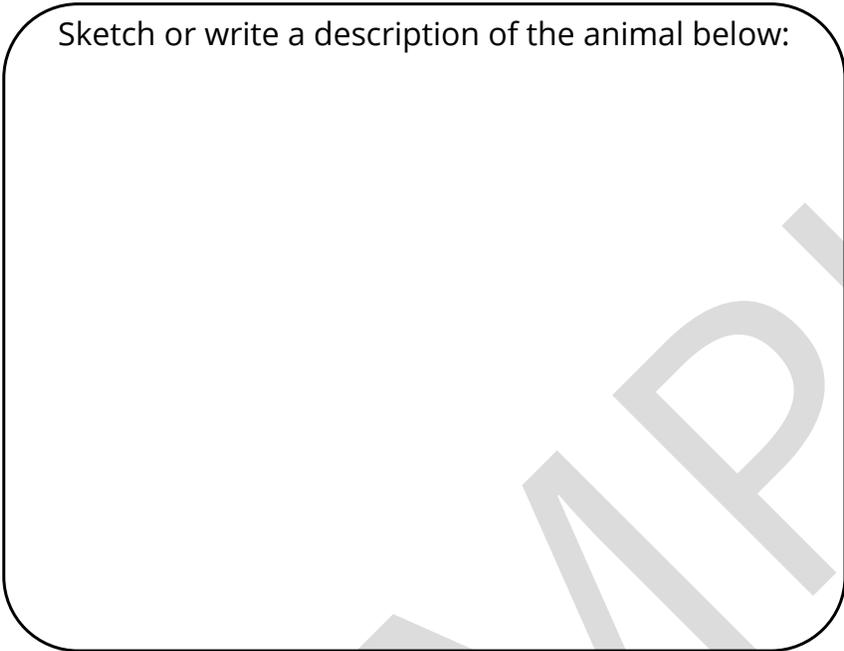
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**Taurine Cattle**

Use the information on page 8 to fill out the spaces below.

Sketch or write a description of the animal below:



Classification

Kingdom:

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Phylum:

---

Class:

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Order:

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Family:

---

Subfamily:

---

Subtribe:

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Genus:

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Species:

---

Scientific Name:

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Conservation Status:

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Share three interesting facts or statistics you learned about this animal:

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*Uncovering The Wild: Discovering Mammals Around the World*

**Bovidae Family Project**

Use the information on pages 6-15, plus additional research, to complete the project.

Some bovids live in grassy plains, but others are built for survival in extreme places—dry deserts, windy mountaintops, or icy tundra. Choose one bovid that lives in a harsh environment and explore how it survives.

Pick one bovid and write its name here: \_\_\_\_\_

What challenges does this bovid face in its habitat? Consider temperature, water access, food availability, and other features of the terrain. Describe the challenges below.

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Now, research how this animal's body and behavior help it survive. How is it specially designed to handle those challenges? Explain.

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**Bovidae Family Project**

Use the information on pages 6-15, plus your own additional research, to complete the prompts below.

Draw your bovid in its environment. Label at least 2-3 adaptations that help it survive (such as horns, hooves, thick coat, or big lungs).



Can you think of another animal (not a bovid) that lives in a similar environment? Write it here and list one thing it has in common with your bovid.

Animal: \_\_\_\_\_

Shared trait(s): \_\_\_\_\_

\_\_\_\_\_

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**Chiroptera Order - Bats**

Use the information on pages 16-17 to fill out the spaces below.

Describe this order and what makes it unique:

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Estimated number of species: \_\_\_\_\_

Choose two of the members of this order shown in the book. Explain how they are related to each other. You can draw a diagram to help your explanation.

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

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

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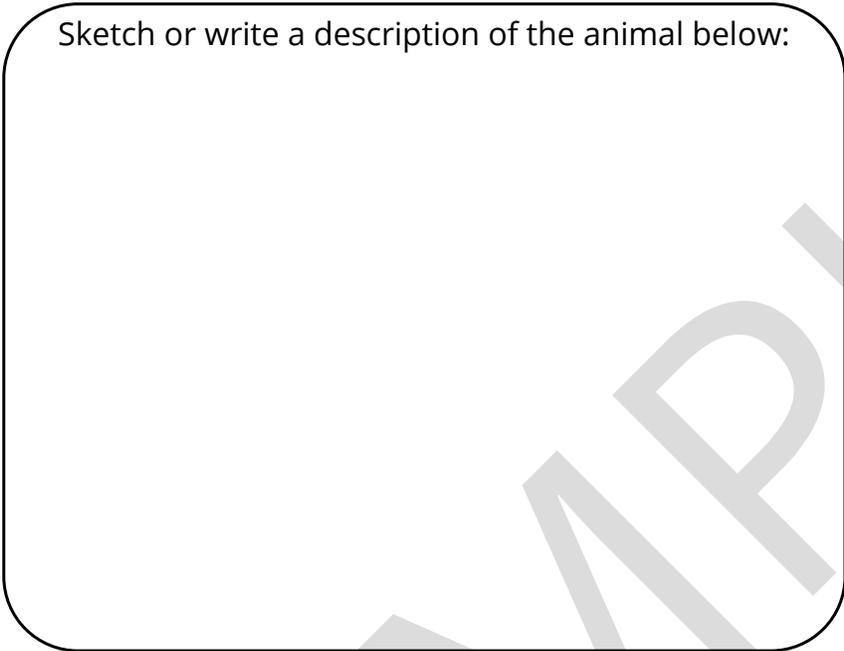
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**Vampire Bat**

Use the information on page 18 to fill out the spaces below.

Sketch or write a description of the animal below:



Classification

Kingdom:

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Phylum:

---

Class:

---

Order:

---

Family:

---

Subfamily:

---

Subtribe:

---

Genus:

---

Species:

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Scientific Name:

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Conservation Status:

---

Share three interesting facts or statistics you learned about this animal:

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**Marsupialia Infraclass - Marsupials**

Use the information on pages 54-55 to fill out the spaces below.

Describe this infraclass and what makes it unique:

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Estimated number of species: \_\_\_\_\_

Choose two of the members of this infraclass shown in the book. Explain how they are related to each other. You can draw a diagram to help your explanation.

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

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

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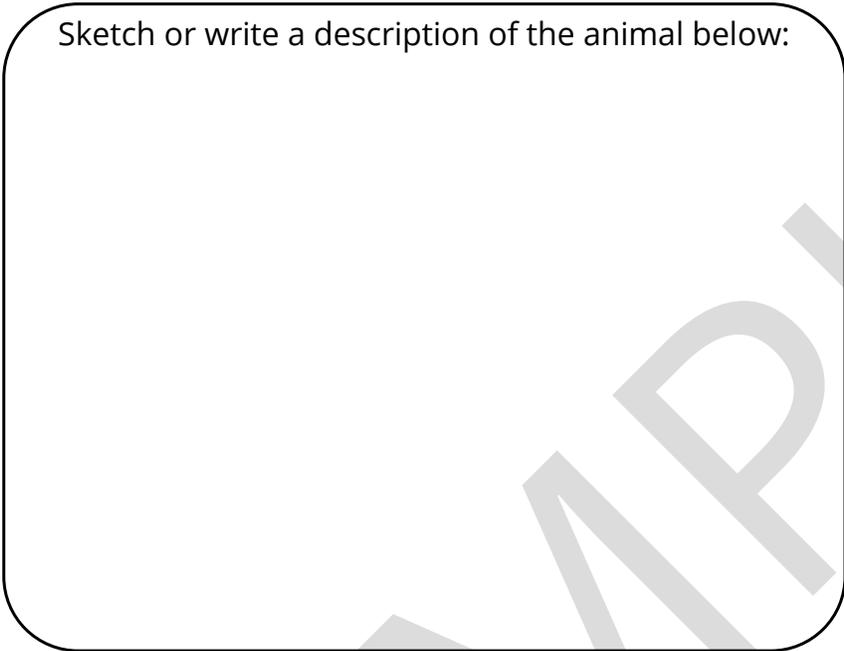
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**Tiger Quoll**

Use the information on page 56 to fill out the spaces below.

Sketch or write a description of the animal below:



Classification

Kingdom:

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Phylum:

---

Class:

---

Order:

---

Family:

---

Subfamily:

---

Subtribe:

---

Genus:

---

Species:

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Scientific Name:

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Conservation Status:

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Share three interesting facts or statistics you learned about this animal:

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## *Uncovering The Wild: Discovering Mammals Around the World*

### **Mustelidae Family Project**

Use pages 106-113, plus additional research, to complete the project.

Below are 8 mammals. Some are Mustelids, and some are not. Research each and decide whether it is a Mustelid or Non-Mustelid. Provide at least one piece of evidence that helped you make your decision.

<b>Animal</b>	<b>Mustelid (add evidence!)</b>	<b>Non-Mustelid (add evidence!)</b>
Otter		
Raccoon		
Ferret		
Skunk		
Wolverine		
Red Fox		
Badger		
Mongoose		

## *Uncovering The Wild: Discovering Mammals Around the World*

### **Procyonidae Family Project**

Use pages 118-123, plus additional research, to complete the project.

Many raccoons live in neighborhoods and cities now, but that wasn't always the case. Other types of Procyonidae live deep in the rainforest. Think about how their lives are similar and different. Research the common raccoon and the kinkajou in more detail, then complete the chart.

<b>Trait</b>	<b>City Raccoon</b>	<b>Rainforest Kinkajou</b>
Habitat		
Food Sources		
Dangers		
Time Active		
Tail Use		

In your opinion, does the raccoon or kinkajou have a harder life? Explain.

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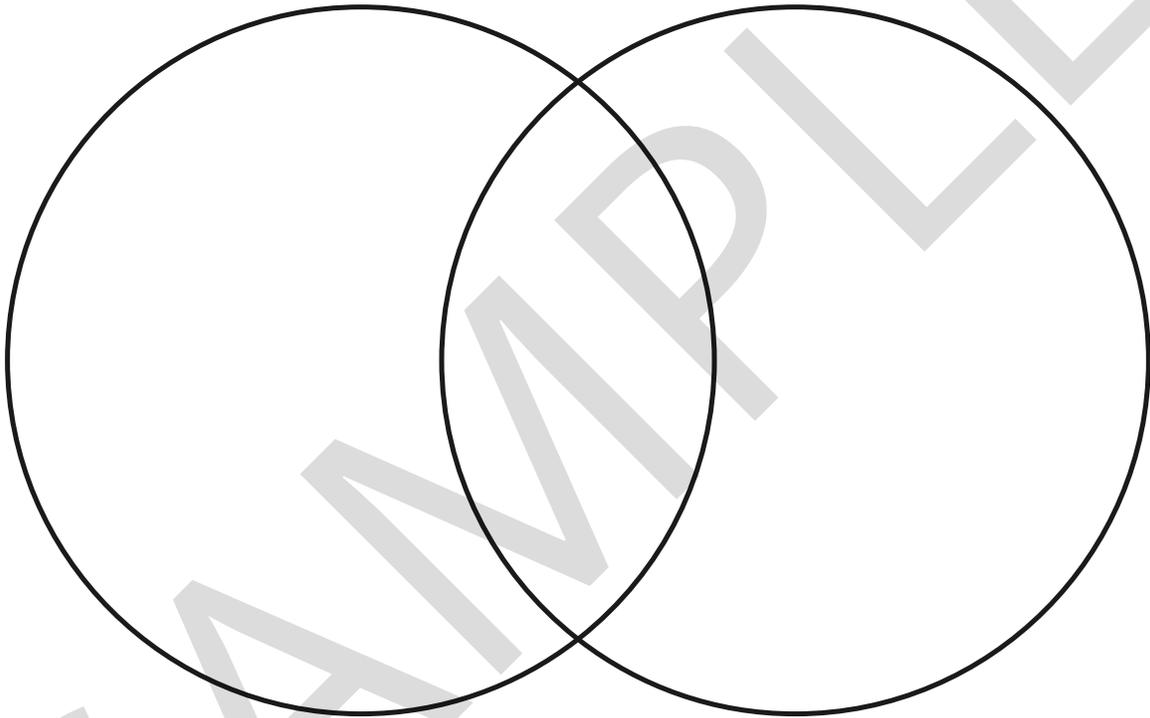
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## **Canidae Family Project**

Use pages 136-143, plus additional research, to complete the project.

Modern dogs are domesticated wolves. Domestication is when wild animals are tamed and bred by humans over a long time. Research the similarities and differences between wolves and dogs, and then fill out the Venn diagram.



Think about your pet dog, a dog you know, or a dog you've seen or read about.

What are two things that would help your dog survive if it lived wild like a wolf?

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

What are two things that would make it hard for your dog to survive in the wild?

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

## *Uncovering The Wild: Discovering Mammals Around the World*

### **Glossary Review**

Read through the definitions from the glossary and fill in the missing terms.

#### **Classification and Naming Terms:**

\_\_\_\_\_ - The science of naming and grouping living things.

**Order** - A classification group larger than a \_\_\_\_\_, used to organize animals by type.

**Family** - A group in the classification system that includes animals that are closely \_\_\_\_\_.

**Genus** - A group of related animals that is smaller than a family but larger than a \_\_\_\_\_.

\_\_\_\_\_ - The most specific group in classification.

**Colony** - A big group of the same kind of animal that shares a \_\_\_\_\_ to rest, raise young, and stay safe together.

#### **Reproduction and Development Terms:**

**Life Cycle** - The stages an animal goes through from \_\_\_\_\_ to adult.

\_\_\_\_\_ - The time a baby grows inside its mother.

**Monotreme** - A special kind of mammal that lays \_\_\_\_\_, like a platypus.

**Marsupial** - A type of mammal where the babies grow in a \_\_\_\_\_ after being born, like kangaroos.

**Placental Mammal** - A mammal that gives birth to fully formed young after growing inside a \_\_\_\_\_.

\_\_\_\_\_ - A small change in DNA that can lead to new traits.

**Natural Selection** - When animals with helpful traits \_\_\_\_\_ and pass those traits to their babies.

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### Herbivore vs. Carnivore Exploration

Choose one herbivore and one carnivore from *Mammalia*. Use the book along with your own additional research to compare your animals below.

	<b>Herbivore:</b> _____	<b>Carnivore:</b> _____
Type of teeth		
Speed or movement		
How it finds food		
Dangers it faces		
Average life expectancy		
Habitat description		
Body adaptations		

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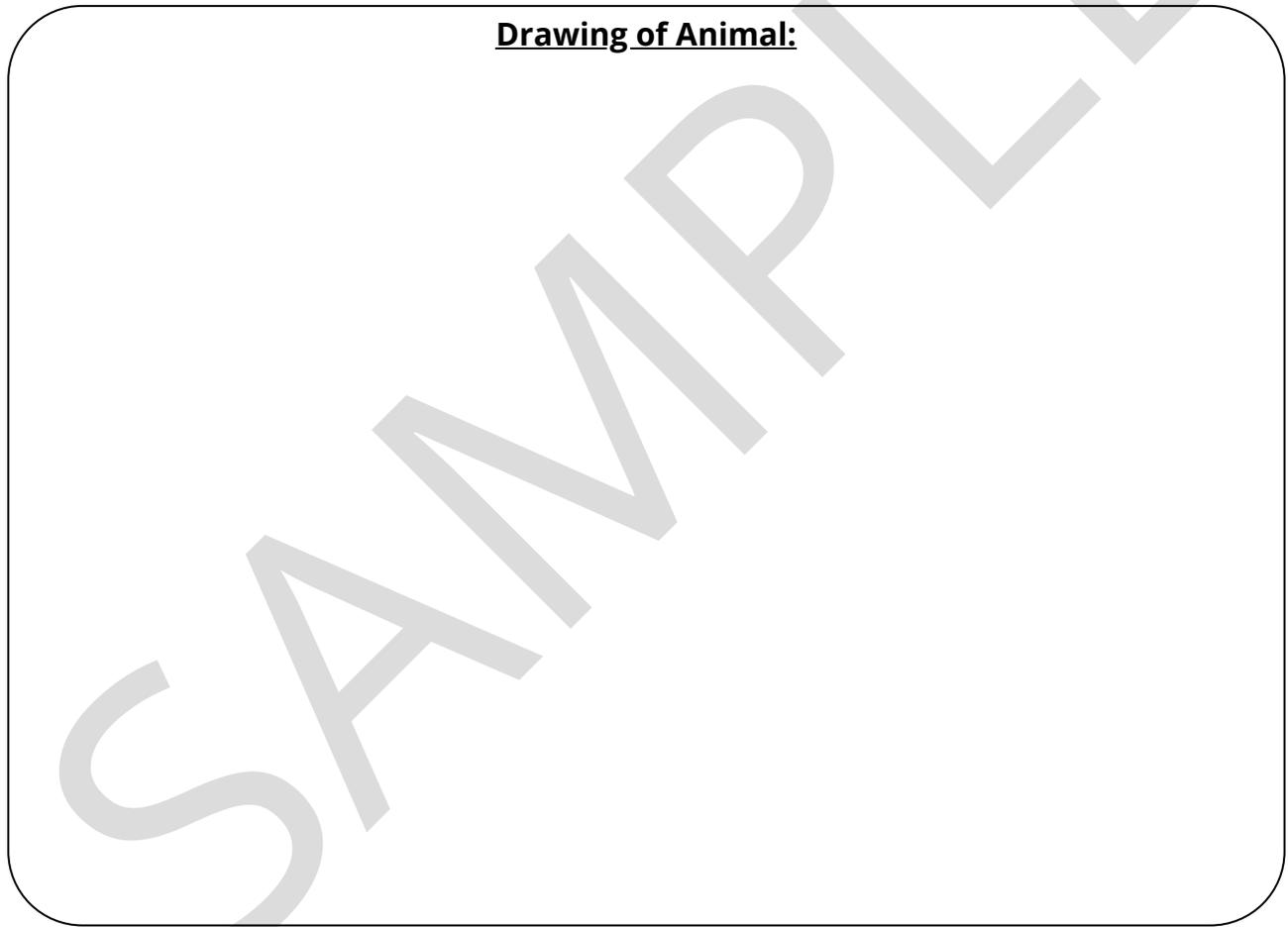
**Creature Report**

Choose one mammal and research it thoroughly. Fill in the report below.

Name of Mammal: \_\_\_\_\_

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

**Drawing of Animal:**



What special adaptations or features does this animal have?

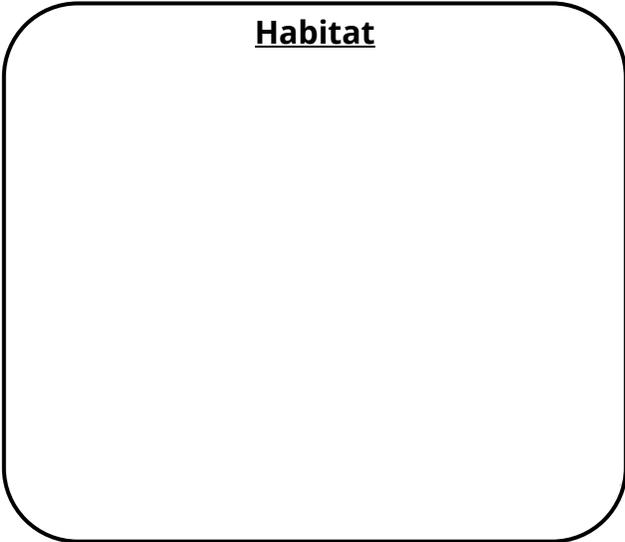
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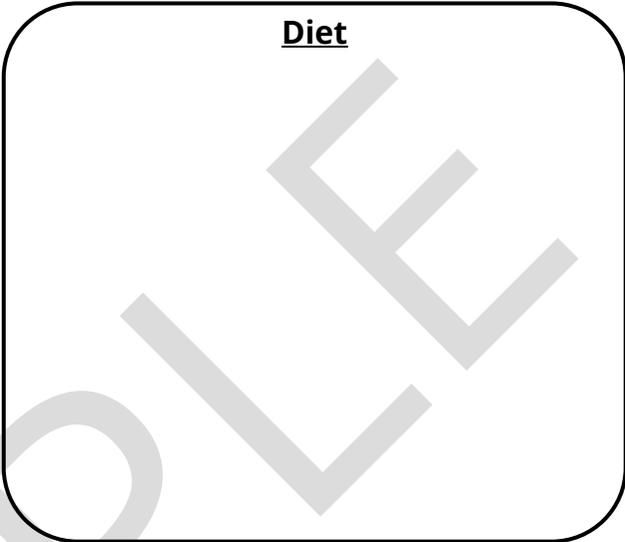
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**Creature Report**

Habitat



Diet



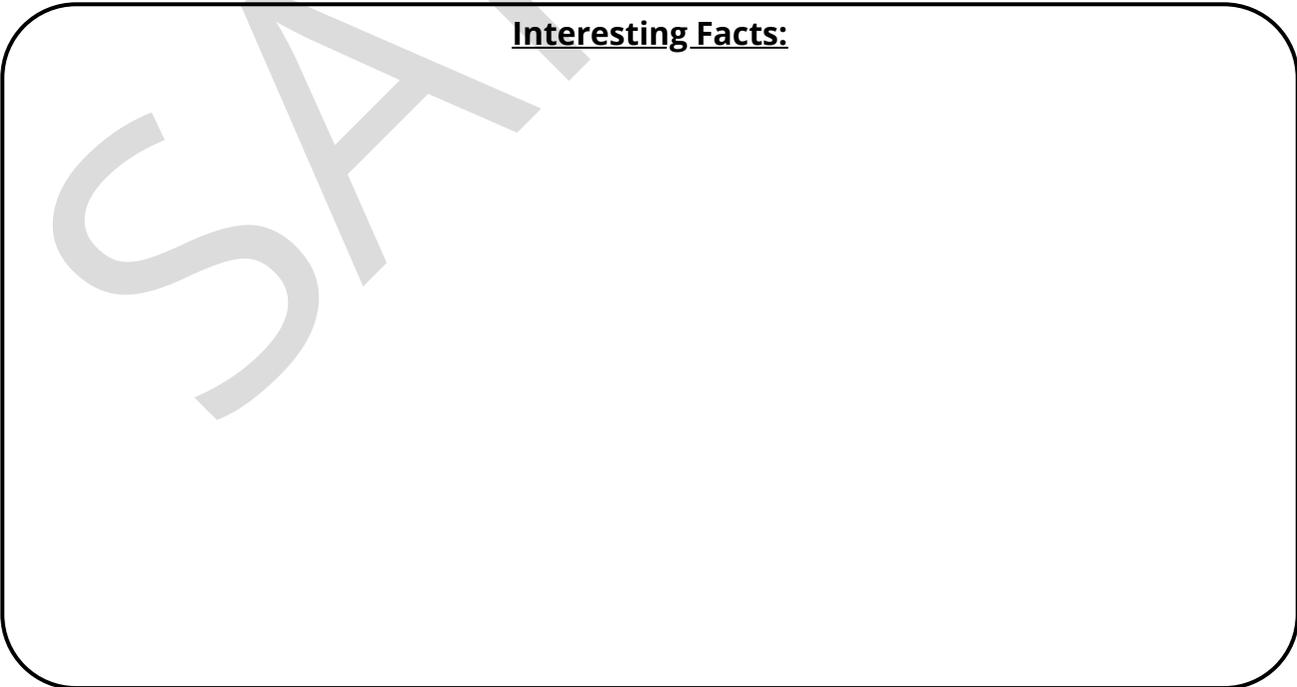
What threats or dangers does this mammal face?

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Interesting Facts:



# Uncovering The Wild: Discovering Mammals Around the World

## Life Cycles

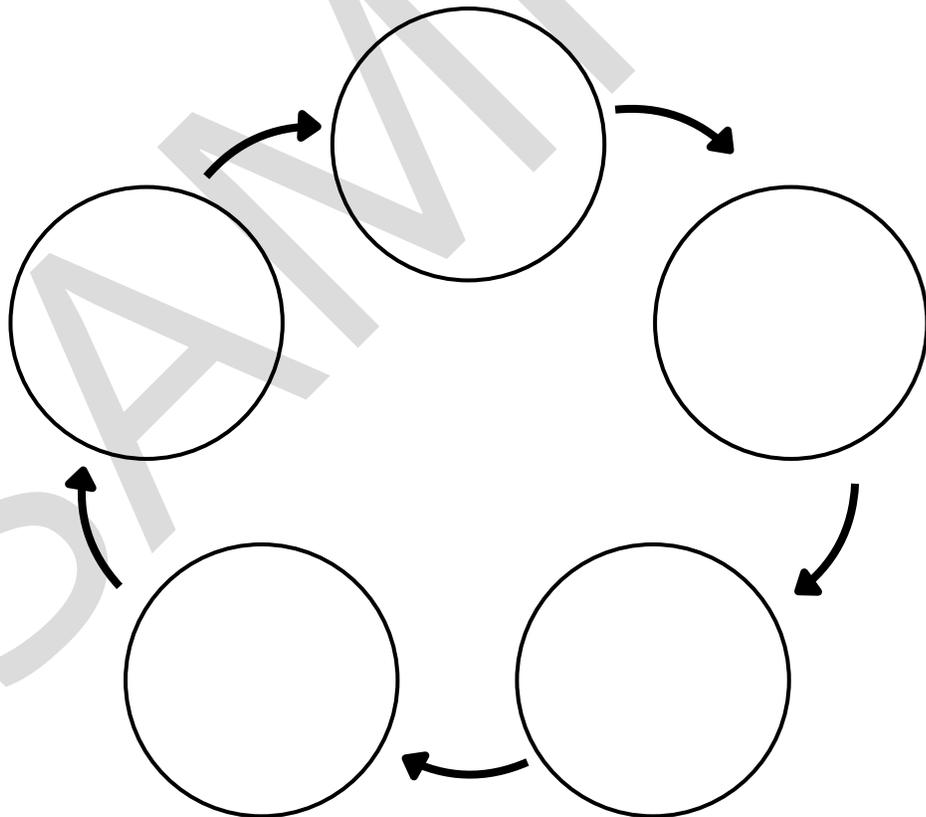
Choose a mammal to study. Use the space below to draw and label the major stages of its life cycle.

*Remember:* all mammals go through birth → growth → adulthood → reproduction, but some may have unique stages or behaviors!

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

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

Use the template below to draw each stage of your mammal's life cycle. You may not use every bubble, and you can add more if necessary. Label each stage and describe what is happening.



## Uncovering The Wild: Discovering Mammals Around the World

### Sensory Adaptations

Fill in the chart below to compare how you use your senses and how a mammal might use the same sense to survive.

Sense	How I Use It	How a Mammal Uses It
Smell	(e.g., I smell cookies baking)	
Hearing		
Sight		
Taste		
Touch		

Which sense do you think is the most important for survival in the wild?

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Do you think different habitats make different senses more useful? Explain.

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