



Ethogram – Observing Animal

An ethogram is a chart that shares the behaviors or actions of animals. Choose one animal to observe for 5 minutes. To make sure your information is accurate, stay in one spot without moving and set a timer to mark your observations at the correct time. After every 30 seconds, mark a check to show what the animal is doing at that exact moment. Remember to follow the same animal the entire time. Be sure to only mark **1 behavior** at every time stamp.

Your Name: _____

Species/Animal Name: _____

Behavior Definitions

Inactive: Sleeping or remaining still.

Active: Any type of movement, whether it's running, walking, or climbing, or swinging.

Self-Grooming: Engaging in grooming or other self-care activities.

Social: The animal is engaging with another animal. This could be touching or any interaction.

Feeding: The animal is eating food or drinking water. This includes chewing.

Not Visible: Animal is off exhibit or is unable to be seen from where you are standing.

Other: A behavior not described above.

Animal behavior hypothesis- What do you think the animal will or will not do?

Time	Inactive	Active	Self-Grooming	Social	Feeding	Not Visible	Other
0:30							
1:00							
1:30							
2:00							
2:30							
3:00							
3:30							
4:00							
4:30							
5:00							
Total							



Activity Budget

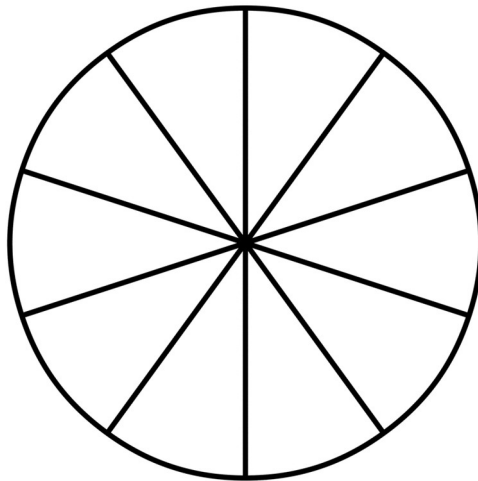
An **activity budget** shows the amount of time an animal spends doing activities, such as grooming, feeding, and being active.

Add the total behaviors in each vertical column from the chart on the previous page and write each total in the “Total Behavior Amount” on the chart below. Next, find the percentage of each total amount to see the percentage of time doing each activity. Since you made 10 observations during the 5 minute observation, multiply each total behavior amount by 10 to get the percentage out of 100.

An example is below: Total behavior amount for Inactive = 3, $3 \times 10 = 30\%$

Behavior	Total Behavior Amount x 10	Percent
Inactive	3 x 10	30%
Active		
Self-Grooming		
Social		
Feeding		
Not Visible		
Other		

Using the circle below, create a rough estimate pie chart summarizing the animal’s behaviors. Label each section.



Was your hypothesis correct? Why or why not?

Why do you think ethograms are important at a zoo and in the wild?