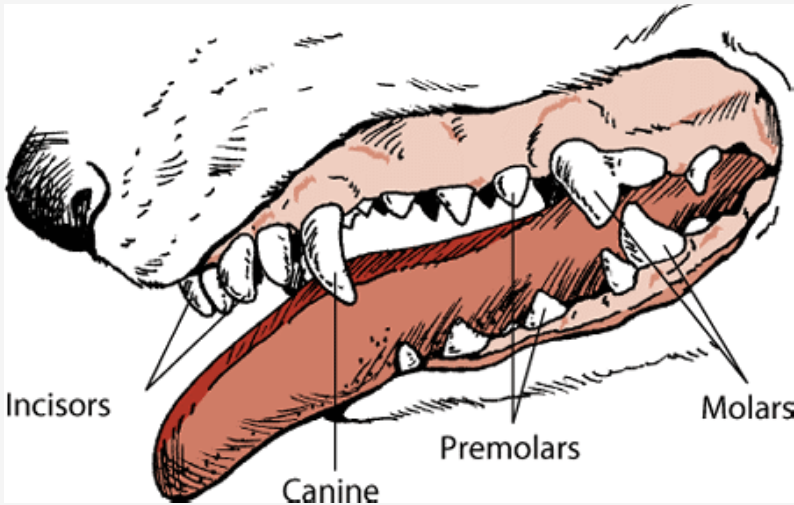


*Feeding Behaviors of a Dog,
Betta Fish, and Leopard
Gecko*

Shannon Hutchison



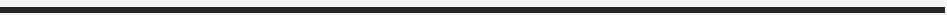
- Several breeds are known for rapid consumption of food
 - May be from wolf ancestors
 - Had to compete for food
 - May also be adaptation from scavenging in early domestication
- Taste buds primarily respond to amino acids
 - Can also respond to some “fruity sweet” compounds found in plants
- Odor may play a role in food selection
 - Dogs without ability to smell show less discrimination between different types of food
- Most of the dog’s teeth is used for biting, grasping, and tearing
 - Dogs have four molars
 - Dog mouths can only move up and down

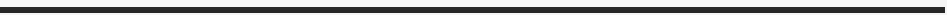
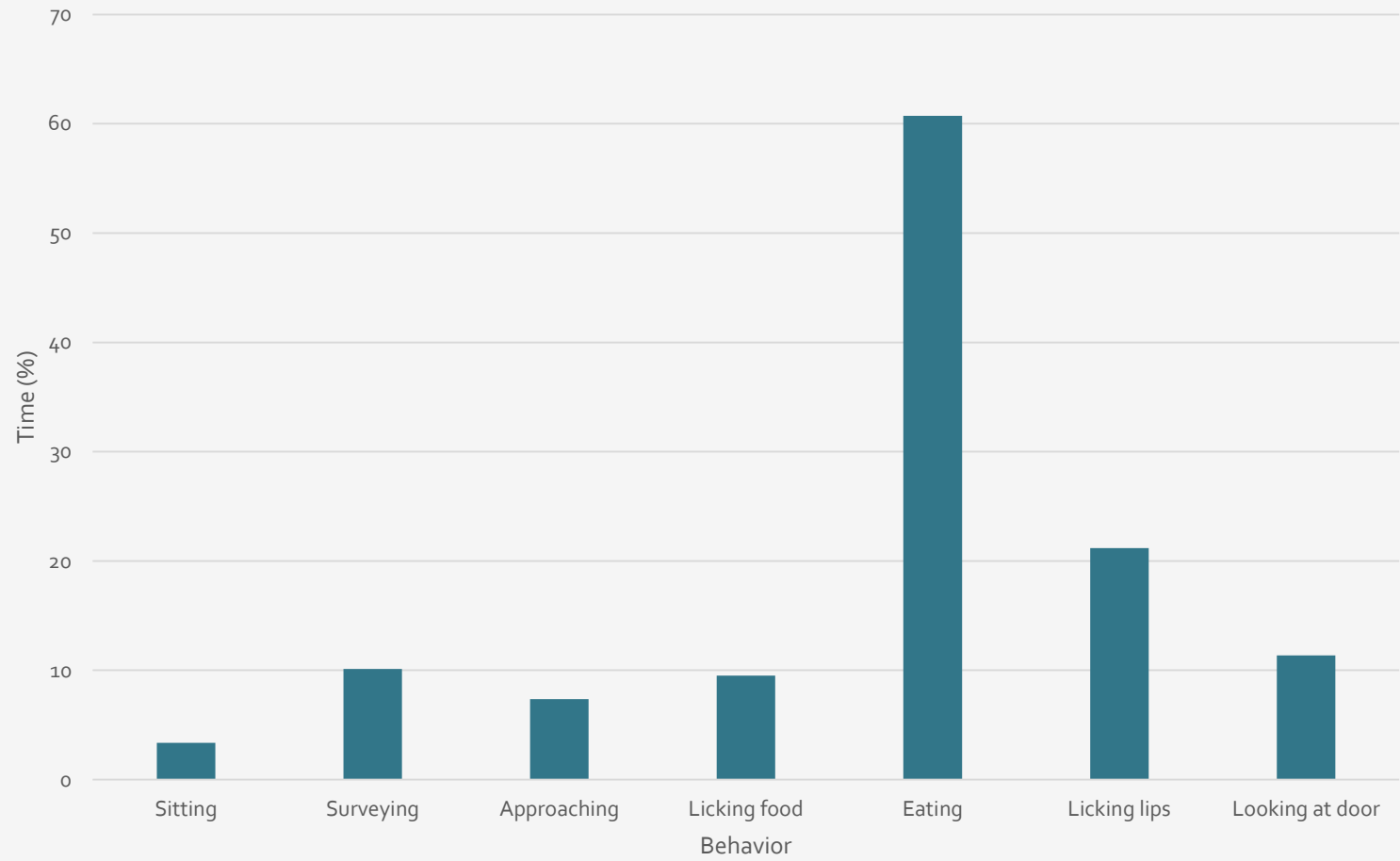


- Rigel
 - Female Shetland sheepdog mix, 5 years old
- Food
 - Iams Proactive Health Minichunks dry dog food – $\frac{3}{4}$ cup
 - Abound Lamb and Brown Rice we dog food – 2 tbsp
 - 900mg fish oil
- Feeding Time
 - 5:26

Behavior	Description	Percent Time
Approaching	The act of moving towards the food bowl with the intention to eat	7.36%
Eating	Prehension, chewing, and swallowing of the food	60.74%
Licking food	Using tongue to touch food without casting any into mouth	9.51%
Licking lips	Wiping tongue across lips	21.17%
Sitting	Upright with hind legs folded beneath body and forelegs extended. Not eating food	3.37%
Surveying	The act of looking at surroundings while standing at food dish	10.12%
Watching door	The act of leaving the food to look at the front door	11.35%

Video 1







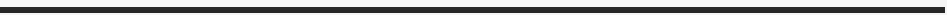
- Primarily carnivores
 - Eat insects in the wild
- Uprturned mouth allows betta to suck air and eat prey at surface
 - Tiny, sharp teeth for breaking down food before swallowing

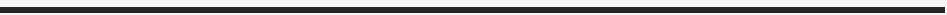
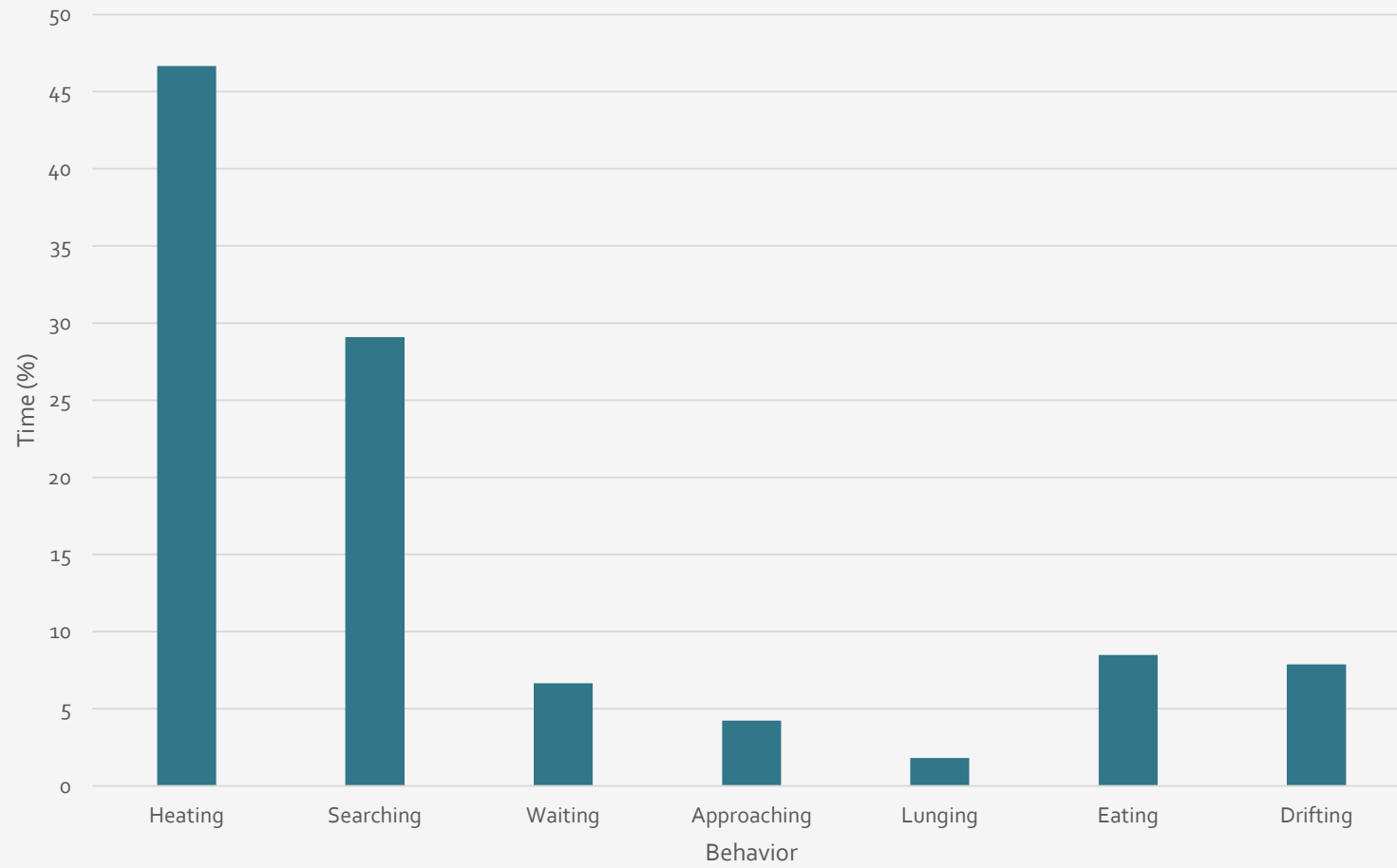


- Male Betta Fish
- Food
 - Aqueon Betta Food
- Feeding Time
 - 2:45

Behavior	Description	Percent Time
Approaching	The act of moving towards the food bowl with the intention to eat	4.24%
Drifting	Floating, only movement is caused by water	7.88%
Eating	Prehension, chewing, and swallowing of the food	8.48%
Heating	Floating next to heater to get warm	46.67%
Lunging	A surge in movement in order to catch the food	1.82%
Searching	The act of looking for more food	29.09%
Waiting	Floating near the bottom of the tank after not initially finding food	6.67%

[Video 2](#)





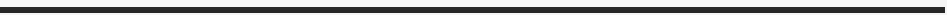
- Hunters
 - Prefer eating live insects
- Crickets make up main portion of diet
- Opportunistic feeders
 - Won't search for prey, but will stalk when prey is in sight





- Godzilla
 - Adult female leopard gecko
- Food
 - Crickets, dusted with calcium
- Feeding Time
 - 2:59

Behavior	Description	Percent Time
Eating	Prehension, chewing, and swallowing of the food	%
Lunging	A surge in movement in order to catch the food	%
Stalking	The act of following or watching prey with the intent to catch it %	



Video 3

