

Livestock & Wildlife Interactions

The purpose of this activity is to introduce students to terminology related to how rangeland animals interact with one another. Animals can benefit, harm, or have no effect on each other.

1) Add definitions to these terms are used to describe relationships between examples.

- **Mutualism/Protocooperation:**
- **Commensalism:**
- **Antagonism (i.e., predation/parasitism):**
- **Amensalism:**
- **Competition:**
- **Neutralism:**

2) Complete the follow “interaction matrix” with the types of interaction listed above (*Mutualism/Protocooperation, Commensalism, Antagonism (i.e. predation/parasitism), Amensalism, Competition, and Neutralism*)

	+	0	□
	(Benefit)	(No Effect)	(Harm)
+			
(Benefit)			
0			
(No Effect)			
□			
(Harm)			

2) Give specific examples of animals that have these types of interactions. (*Be ready to explain these to the rest of the class. Your instructor may assign you to work in groups. You may be asked to think of examples for all of these or for just a couple of types of interactions.*)

- **Mutualism/Protocooperation:**
- **Commensalism:**
- **Antagonism:**
- **Amensalism:**
- **Competition:**
- **Neutralism:**