**CASE STUDIES-Communities Interactions Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_**

Reintroducing Gray Wolves to Yellowstone

1. What happened to the native wolf population in Yellowstone?
2. Explain why Gray Wolves are considered a keystone species:
3. How did the restoration of the endangered species get solved?

Southern Sea Otters: Are They Back from the Brink of Extinction?

1. Why were the Sea Otters on the Brink of Extinction?
2. What makes the Sea Otters important (Keystone Species)?

Why Should We Care about the American Alligator?

1. What and why are alligators killed?
2. What is the alligator’s niche (Why is it a keystone species)
3. Explain if the alligator’s story is successful:

The Passenger Pigeon: Gone Forever

1. What happened to the Passenger Pigeon?
2. What normally causes a “mass” extinction?
3. How is there going to be a 6th one?

A Biological Roller Coaster Ride in Lake Victoria

1. Why is Lake Victoria in ecological trouble?
2. What is the major invasive fish:\_\_\_\_\_\_\_\_\_\_\_\_\_ Who did is effect?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Where did the algal blooms come from?

Do Corridors Have Value in Conservation?

 1. What are two problems with building a fence between the United States and Mexico for

 predators?

 2. What is a microevolution event that could occur due to habitat fragmentation?

 3. Explain what a “corridor” is:

\*\*What is the problem with building “A Wall” between USA and Mexico?

**EXPLAIN THE FOLLOWING LAWS:**

Endangered Species Act (ESA):

Convention of International Trade in Endangered Species (CITES):