

Identify the Problem

- 1. Before we can choose which agave habitats to protect in New Mexico, we need to find out (circle one):
 - a. **how many** Lesser Long-Nosed Bats there are in New Mexico.
 - b. why Lesser Long-Nosed Bats feed on nectar instead of insects.
 - c. where Lesser Long-Nosed Bats can be found in New Mexico in the fall.

Make a Choice

2. Circle which bat study method your team chose:



Community Science



Sound Recording



Radio Tracking

Lets you identify all the bats that visit hummingbird feeders in a few towns and cities. Lets you identify all the bats that fly near a few recorders.

Lets you make a map of where a small group of Lesser Long-Nosed Bats fly each night.

3. Explain why you think this might be the best way to find out **where** Lesser Long-nosed Bats are found in New Mexico in the fall:

I think this is the best study method because	
,	

Your Study

4. Circle at least one **advantage** of your study:

gives very detailed data covers a big area doesn't cost much money

5. Circle at least one **disadvantage** of your study:

misses bats in wild areas covers a small area costs a lot of money

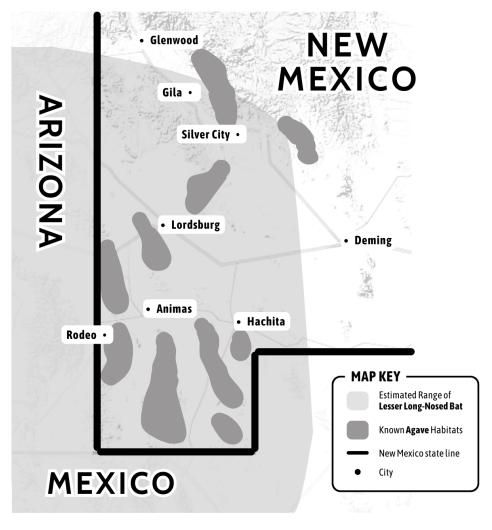
Now **open** your envelope to view the **results** of your study!



Your Results

Open the envelope and read the **results** of your study with your team.

6. Based on **where** your study found Lesser Long-Nosed Bats, draw a **checkmark** on **2 agave habitats** that you would choose to protect on the map below:



What You Learned

7. Wait until the end of the class discussion to answer this question. Based on what you learned, if you were to do this study again, would you still choose the same study method? Explain why or why not.



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