



Testing Bergmann and Allen

Name:

Directions: Complete the activity below to test the applications of Bergmann's and Allen's rules to real-world situations.

Choose a particular genus or order of taxons to further study. Suggestions include vulpus, marmots, rodents, etc..) Using ArcGIS, and the IUCN Make a map of the ranges of 4 specific members of the taxon.

For Each species include

- Their range mapped as an "area"
- A Link to their IUCN Redlist Page
- A Picture of the species
- A description of their biome-specific adaptation

Once completed save and share your map to the organization and submit your map to the submission for and complete the reflection.

Reflection Questions

Answer based on the species you selected and the information displayed on your map.

1. What taxon did you examine? (Be sure to include what level (genus, order, etc..) you examined)

2. TO WHAT DEGREE - did the species that you mapped conform to Allen's theory?
(Include spatial evidence and references to specific species)

3. TO WHAT DEGREE - did the species that you mapped conform to Bergmann's theory?
(Include spatial evidence and references to specific species)