

Biodiversity for National Parks



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The Data

species_info.csv

Category of Species

- ❑ Mammal
 - ❑ Bird
 - ❑ Reptile
 - ❑ Amphibian
 - ❑ Fish
 - ❑ Vascular Plant
 - ❑ Nonvascular plant
-

The Data

species.info_csv

Scientific Name

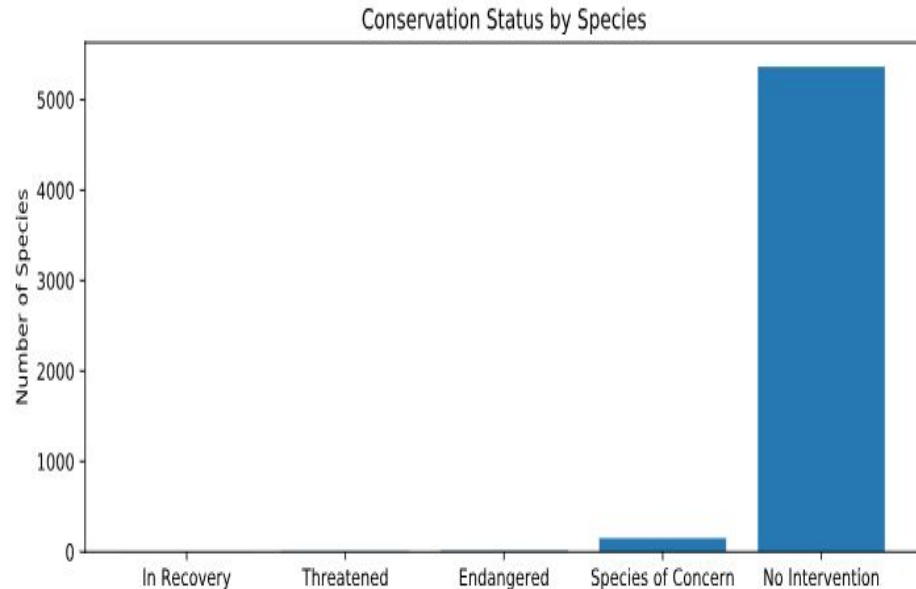
Common Name

Conservation Status

- ☐ No Intervention
 - ☐ Species of Concern
 - ☐ Threatened
 - ☐ Endangered
 - ☐ In Recovery
-

The Data

Breakdown of Conservation Status



No Intervention: 5363

Species of Concern: 151

Threatened: 10

Endangered: 15

In Recovery: 4

Significance Calculations

While mammals are more likely to be endangered than birds, the difference is not significant

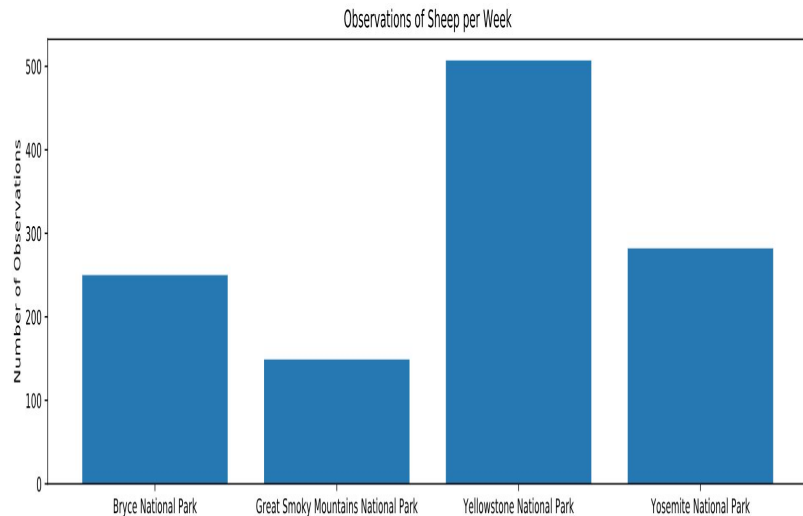
Mammals are more likely to be endangered than reptiles, and the difference *is* significant

Certain species are more likely to be endangered than others

Recommendations for Conservationists

Of the animals, focus fewer conservation resources on reptiles

Sample Size Determination



Reducing Foot and Mouth Disease at Yellowstone National Park

Scientists must observe at least **870** sheep.

To do this, scientists must spend at least **one week** in Yellowstone National Park and **two weeks** in Bryce National Park.
