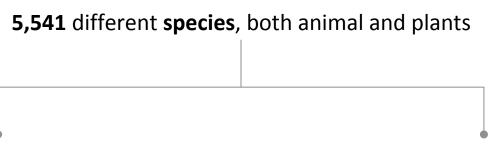


### More than 5,000 species identified, including animals and plants



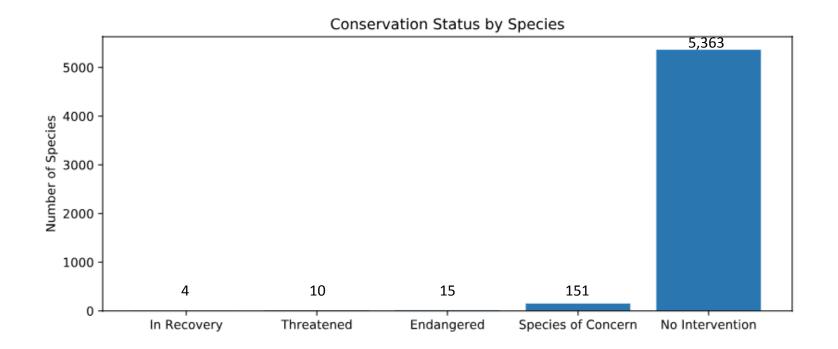
#### 5 categories of animals

- Mammal
- Bird
- Reptile
- Amphibian
- Fish

### 2 categories of **plants**

- Vascular
- Non-vascular

## All species classified regarding their conservation status



# Birds and mammals: categories with more species protected

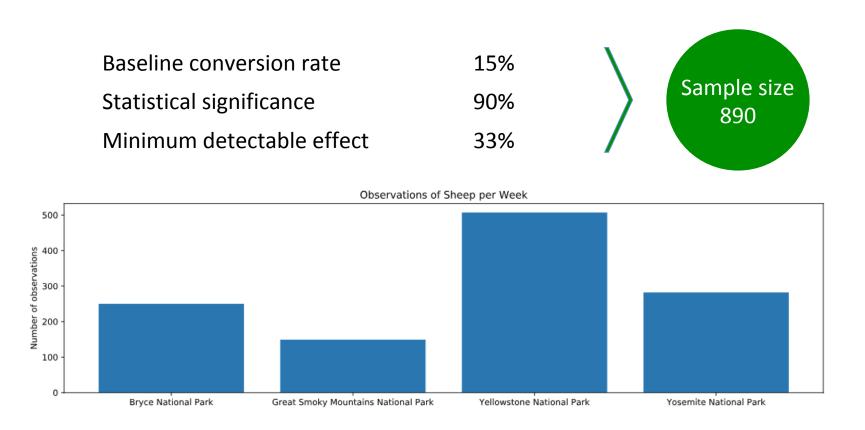
Category	Not protected	Protected	% protected
Amphibian	72	7	8.86
Bird	413	75	15.36
Fish	115	11	8.73
Mammal	146	30	17.05
Reptile	73	5	6.41
Non-vascular plant	328	5	1.50
Vascular plant	4,216	46	1.08

Conservation efforts should focus specially on birds and mammals, rather than on reptiles

With a p-value of 68.76% (>5%), we cannot conclude that there is a significant difference between birds and mammals in terms of conservation status

With a p-value of 3.84% (>5%), we can conclude that mammals are more protected than reptiles

A sample of 890 observations is needed to get conclusive results about foot and mouth disease



**1.8 weeks in Yellowstone** and **3.6 weeks in Bryce** National Park needed to make all required observations to analyze foot and mouth disease