Biodiversity in National Parks

Portfolio Project by Sierra Mendoza

Data Sources

- Data from National Park Service regarding conservation status of species found in the parks

  species_info.csv

- Observations taken over a 7-day period by park rangers of species in parks

  observations.csv

Process

Observations

Explored observation data. Scientific names and # of times observed identified.

Graphing

Graphed results from analysis
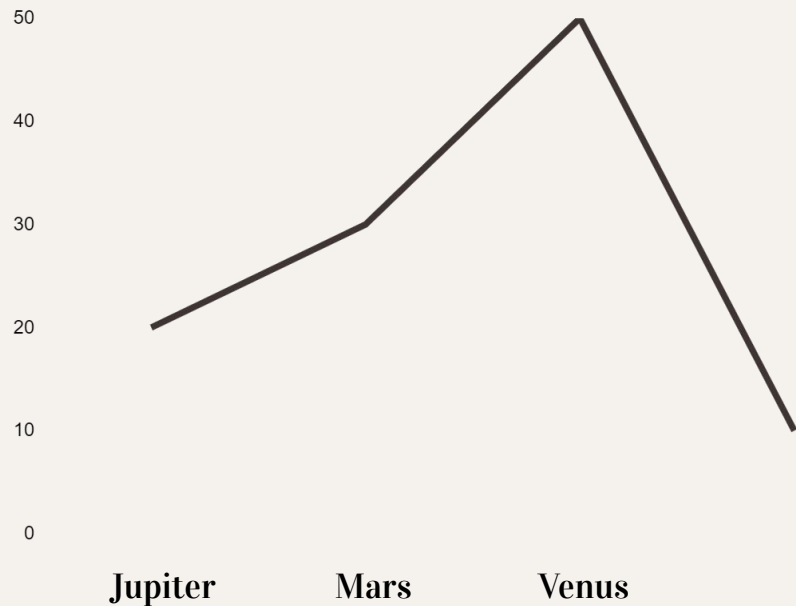
01 ——— 02 ——— 03 ——— 04

Data Separation

Species data separated into seven categories of plants and animals. Endangered species identified.

Analysis

Collected results and information from data inspection

Analysis

20% Mars
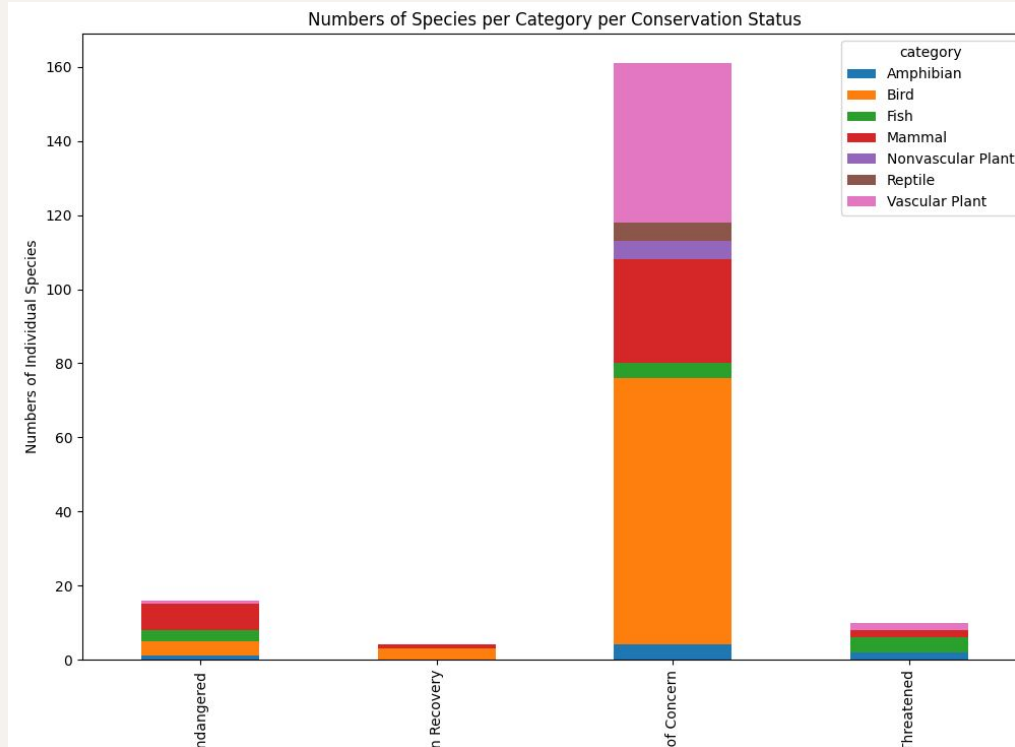
Mars is a cold place, not hot

30% Jupiter

Jupiter is the biggest planet

50% Venus

Venus has a beautiful name

Follow the link in the graph to modify its data and then paste the new one here. **For more info, click here**

Analysis

Numbers of Species per Category per Conservation Status

- Vascular Plants, Mammals, and Birds are the groups with the highest numbers of species listed 'Of Concern'.

- Mammals, Fish, and Birds are the groups with the highest numbers of species listed as 'Endangered.

- Mammals and Birds have the highest percentage of species placed in an 'Of Concern' category, approximately 17% and 15.3%.

Analysis (cont.)

- All groups in comparison to the Vascular and Nonvascular plants show statistical differences in conservation percentages.

- Otherwise, there are statistical differences in conservation percentages between Bird and Fish, Fish and Mammal, and Mammal and Reptile.