



Data Visualization: Endangered Terrestrial Mammals

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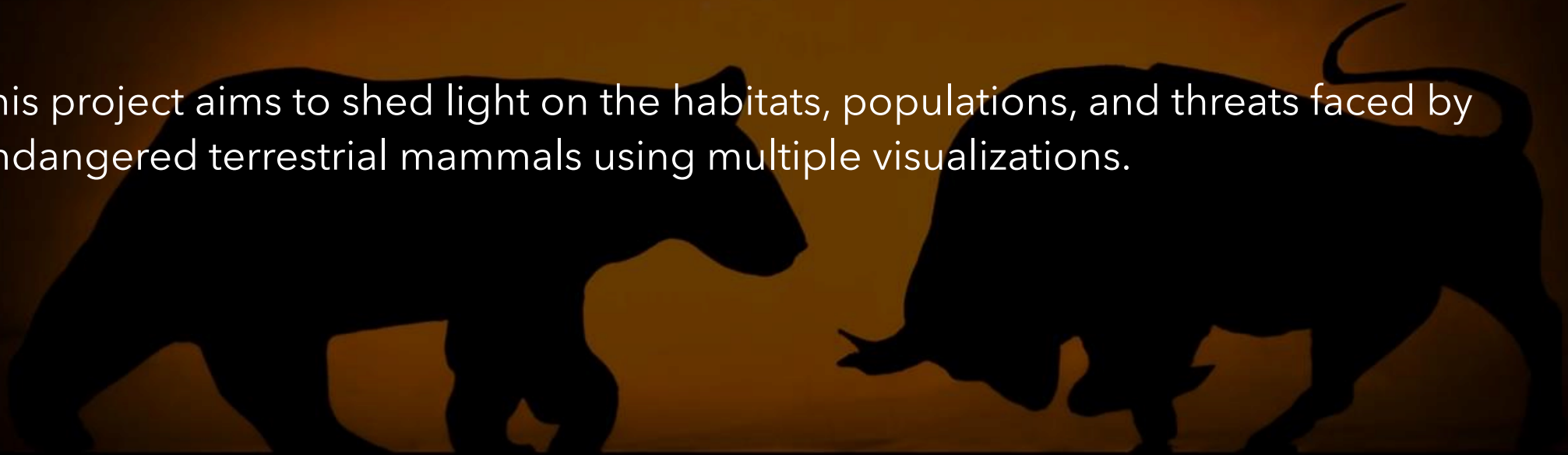
Endangered Terrestrials Mammals

- Data was extracted from the International Union for Conservation of Nature (IUCN), a scholarly article's GitHub repository, and the World Bank website.
- Endangered terrestrial mammals were defined as mammals in the following categories: Critically Endangered (CR), Endangered (EN), and Vulnerable (VU).
- A picture of the critically endangered red-crested tree-rat (*Santamartamys rufodorsalis*).



Overview of Project

- This project aims to shed light on the habitats, populations, and threats faced by endangered terrestrial mammals using multiple visualizations.



Users the project will be relevant to



Tourists: Tourists seeking to find desired terrestrial mammals that are endangered can use the mapping visualizations to locate these species.

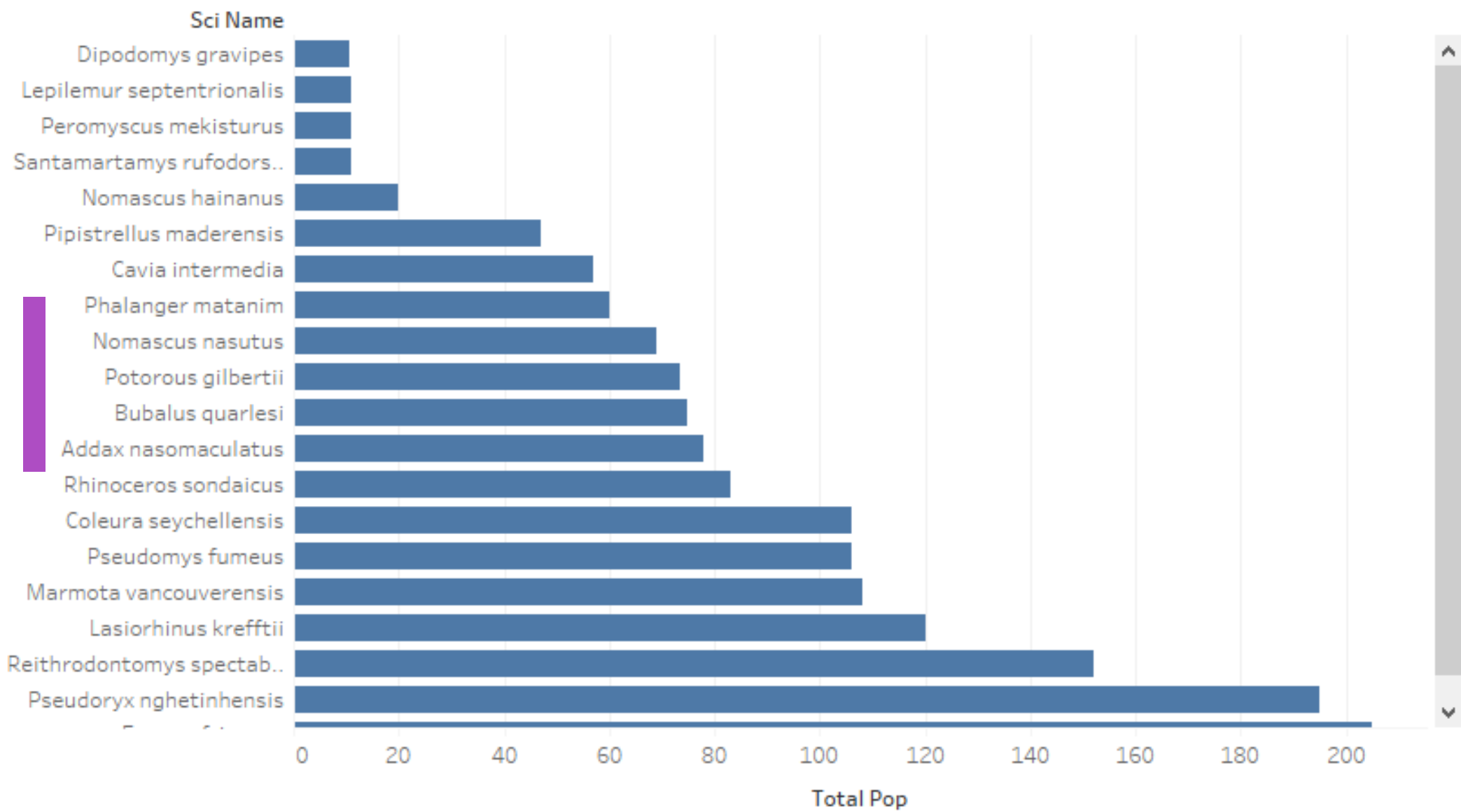


Conservation Agencies: This project can help zoos and national parks identify and adopt animals that are on the brink of extinction.



Government agencies/policymakers: This project can also help countries identify which endangered species are within their jurisdictions. In addition, it can let them know whether policies to safeguard these mammals are strictly adhered to or not.

Least Populations of Endangered Terrestrial Mammals



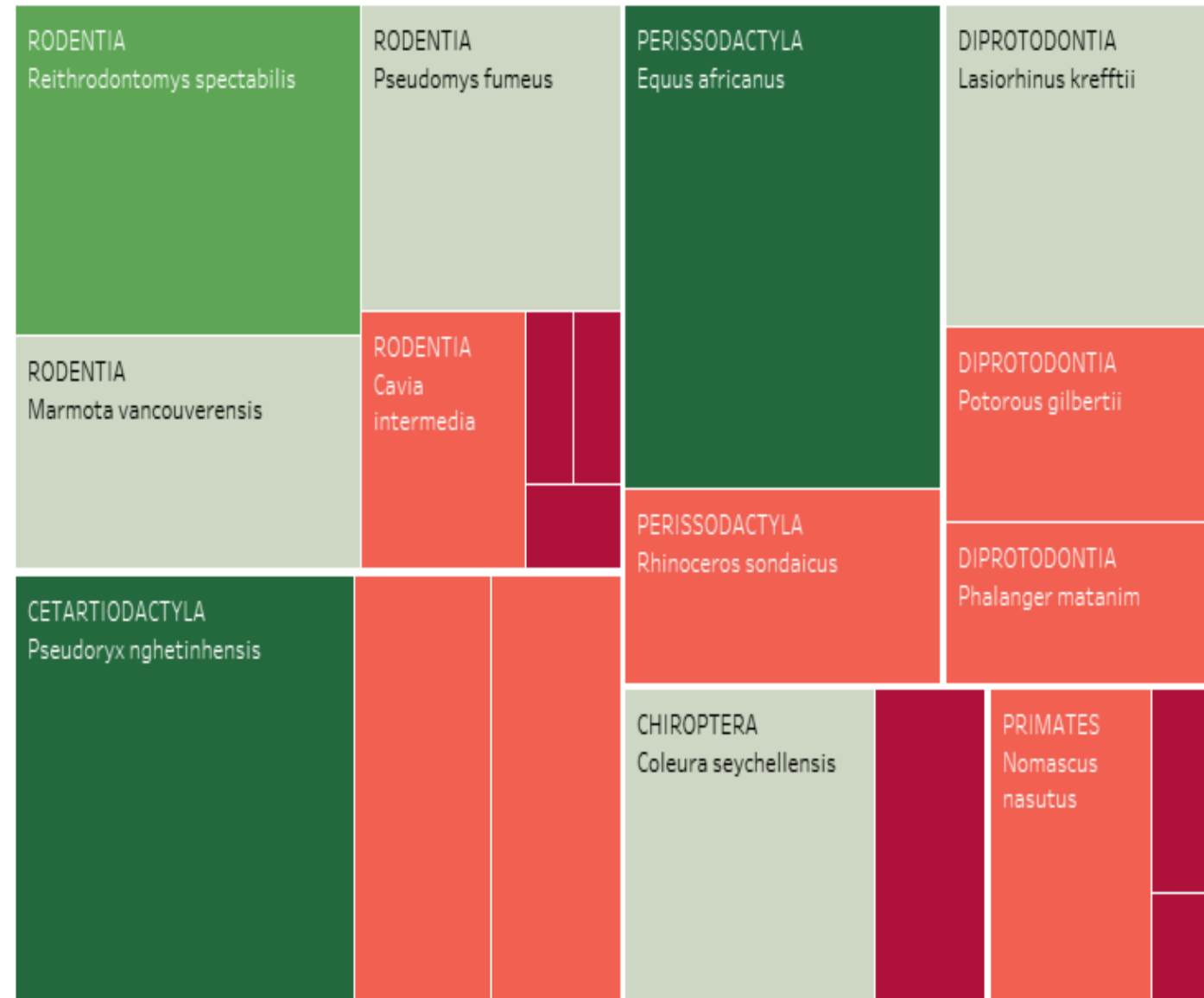
Red List Status

- ☐ (All)
- ☒ CR
- ☐ DD
- ☒ EN
- ☐ LC
- ☐ NT
- ☒ VU

Treemap of Endangered Mammals by Order

- Order Rodentia has more species that are in the endangered category.

Least Populations of Endangered Terrestrial Mammals Grouped by Their Order



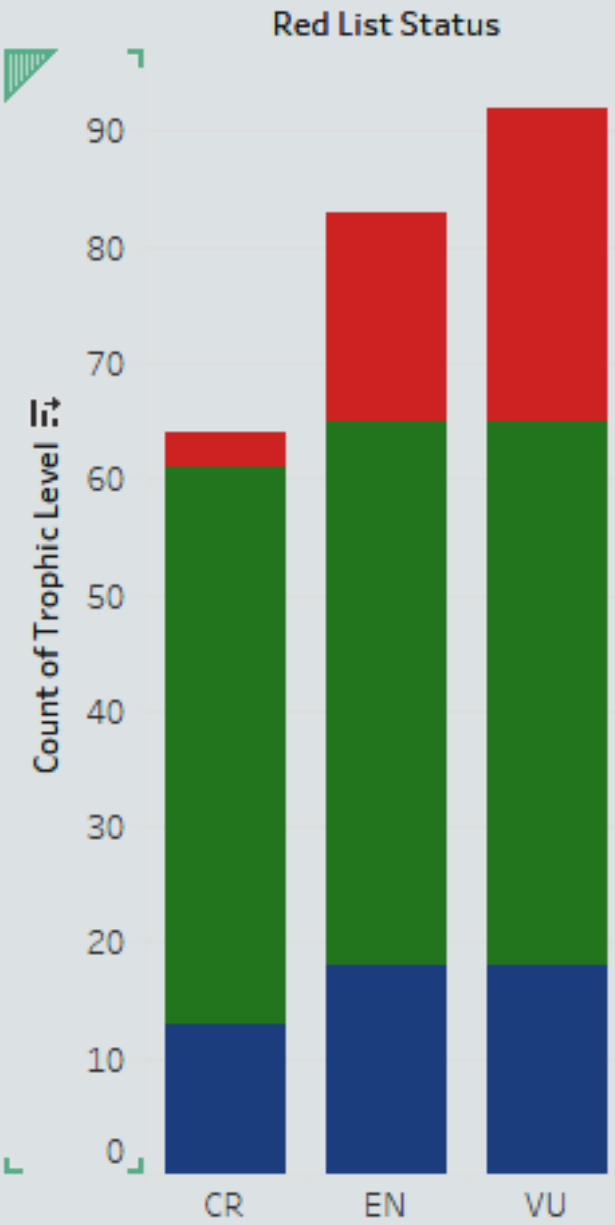
Red List Status

- ☐ (All)
- ☒ CR
- ☐ DD
- ☒ EN
- ☐ LC
- ☐ NT
- ☒ VU

SUM(Total Pop)



Trophic Level of Endangered Terrestrial Mammals



Red List Status

- ☐ (All)
- ☒ CR
- ☐ DD
- ☒ EN
- ☐ LC
- ☐ NT
- ☒ VU

Trophic Level

- ☒ Carnivore
- ☒ Herbivore
- ☒ Omnivore

Trophic level

Most of the endangered mammals are herbivores hence the need to protect our forest areas

Population Density Distribution of Endangered Terrestrial Mammals



Population Distribution of Endangered Terrestrial Mammals



- ☐ (All)
- ☐ Carnivore
- ☒ Herbivore
- ☐ Omnivore

Total Pop

11 14,323



Total Pop

75 4,880



pop_density

0.000 9.120

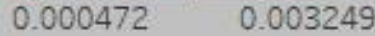


Red List Status

- ☐ (All)
- ☒ CR
- ☐ DD
- ☒ EN
- ☐ LC
- ☐ NT
- ☒ VU

pop_density

0.000472 0.003249



Population Distribution of Endangered Terrestrial Mammals



Trophic Level

- ☐ (All)
- ☐ Carnivore
- ☒ Herbivore
- ☐ Omnivore

SUM(Total Pop)

11 14,32



Red List Status

- ☐ (All)
- ☒ CR
- ☐ DD
- ☒ EN
- ☐ LC
- ☐ NT
- ☒ VU

SUM(Total Pop)

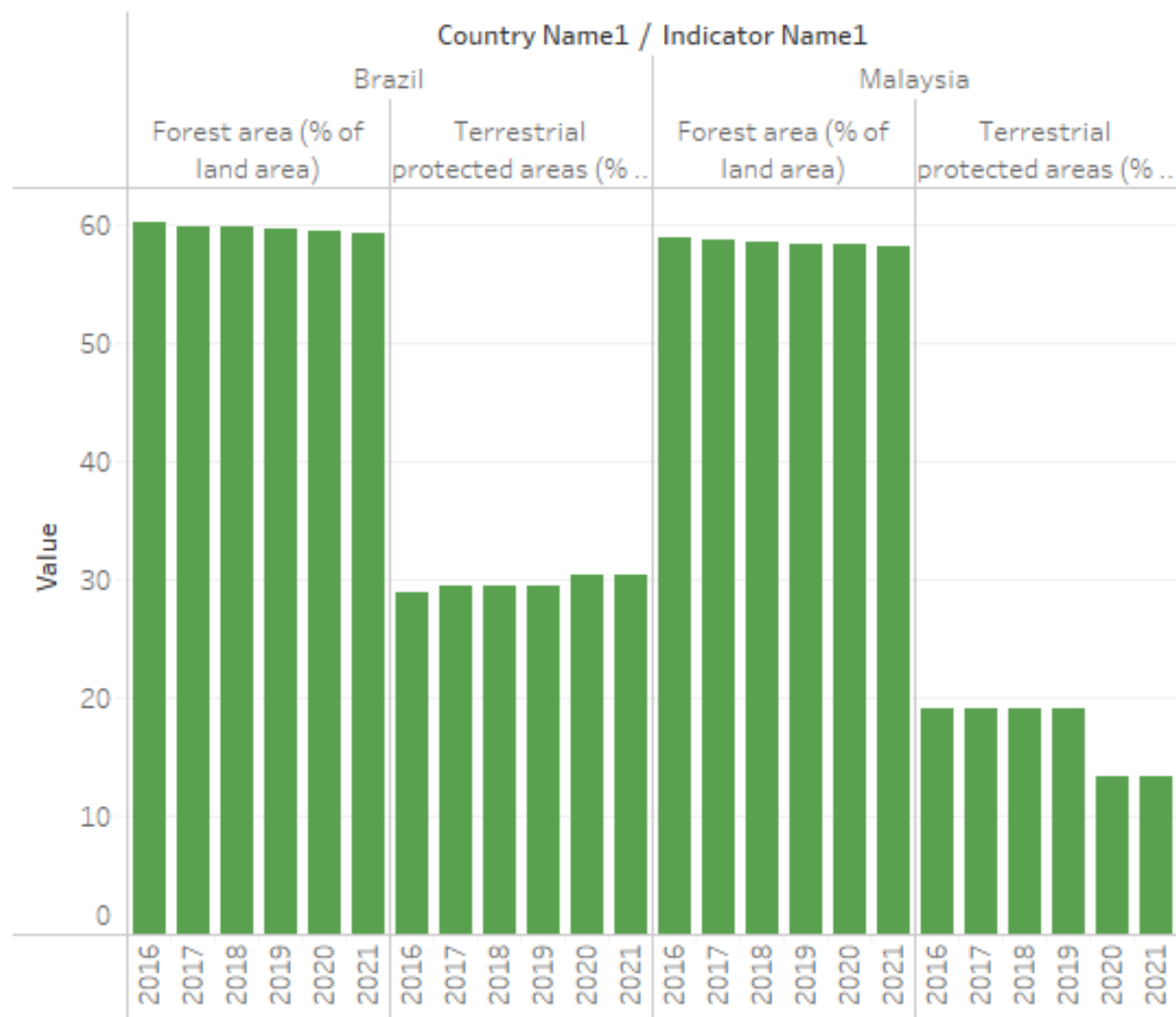
4,88



Sci Name: *Rhinoceros sondaicus*
Total Pop: 83

Zooming-in, *Rhinoceros sondaicus* (Javan rhinoceros) is primarily located off the coast of Indonesia

Percentage of forest/terrestrial protected areas per country




- Indicator Name1
- ☐ (All)
 - ☒ Forest area (% of la...
 - ☐ Forest area (sq. km)
 - ☒ Terrestrial protecte...

Country Name1

- ☐ Jordan
- ☐ Libya
- ☒ Malaysia
- ☐ Mauritania
- ☐ Middle East & N...
- ☐ Mongolia
- ☐ Oman
- ☐ Saudi Arabia
- ☐ South Sudan
- ☐ Sub-Saharan Afr...
- ☐ Sudan

Measure Names

- ☒ 2016
- ☒ 2017
- ☒ 2018
- ☒ 2019
- ☒ 2020
- ☒ 2021

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- For any questions, details, and clarifications on the project, my email is nogoteyj@mail.gvsu.edu

Thank you.

