Niche Modeling for Lemurs with GBIF

Image: en:User:Sxenko

Find occurrence data on ring-tailed lemurs:
>Go to the GBIF website: http://www.gbif.org/
>In the left hand menu choose "Search"
>Choose to "Explore Species"
>Search for "Lemur catta"
>Explore occurrences
>Create niche model
>Admire! Now critically analyze.

Things to think about with occurrence data
What does "occurrence data" actually mean?

How good is the data?
>View Information about Lemur catta
>Explore occurrence data
>Look at the text below the map.
>*Are all the occurrence points mapped? If not, why do you think all the points were not mapped?*
>*What's a lemur doing in Santa Barbara?*
>Specify countries to be included in search
>*What happens if you choose one of the countries outside Madagascar?*

How sensitive is the data?
>Use the red box to zoom in some occurrence points
>*How many occurrences are actually represented on the map*?

Curate data
>List countries with occurrences
>Choose Madagascar
>Refine search
>Create niche model
>*How does this model compare to the first niche model?*