Niche Modeling for Lemurs with GBIF

Find occurrence data on ring-tailed lemurs:
  Go to the GBIF website: [http://www.gbif.org/](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?*