

CHAPTER 4

Results of Biodiversity Assessment and Mapping



Sclater's guenons (*Cercopithecus sclateri*) in Bombax tree, Agpugoeze, Nigeria. This monkey species is endemic to the Gulf of Guinea forests.

As mentioned in Chapter 2, we collected background and distribution information on the species of our study region using the ZMUC database (processed using WORLDMAP) and museum and herbarium records, which we either collated directly from original specimens or acquired from existing databases. We also conducted a broad literature search. This background research yielded no comprehensive datasets on the region's fauna and flora that included the point-locality data needed for accurate species mapping. Consequently, we narrowed our mapping efforts to include only sets of endemic species within certain taxonomic groups, as described in the previous section. Here, we present the results of our mapping efforts and discuss how the species we mapped are connected to broader patterns of diversity within larger taxonomic groups.