



Biodiversity surveys in Tanzania

Photo credits: Ed Jenkins



Vervet Monkey
Chlorocebus pygerythrus

Photo credits: Ed Jenkins

Project Overview

- The X
- Biodiversity surveys were conducted at X sampling sites focusing on:
 - Vegetation
 - Invertebrates
 - Birds
 - Mammals

Project Team

- Staff from Biodiversity Research Institute and CarbonSolve worked to plan this study and execute the field data collection with expert support from:
 - X

Vegetation surveys

- X species of plants identified across X sites
- X grass species identified
 - X annuals
 - X perennials
 - X both annual and perennial
- Grazing is X prevalent than browsing



African Wild Dogs
Lycaon pictus

Invertebrates

- X pitfall traps across X sites
- Four 25 meter transects swept at X sites

Dung beetles:

- X individual dung beetles and X trap hours

Grasshoppers:

- X grasshoppers collected

A photograph of an African lioness lying on the ground with several cubs. The lioness is the central figure, lying down and looking towards the camera. She has a light brown coat and a white muzzle. Several cubs are huddled around her, some resting their heads on her. The ground is sandy and there are some small green plants in the background.

African Lion
Panthera leo

Photo credits: Ed Jenkins

African birds

- A total of X birds from X families were detected in point count surveys ($n=X$)
- X bird species from X families were detected from acoustic recordings
- XXX were most common across habitats



Woodland Kingfisher
Halcyon senegalensis



Pearl-spotted Owlet
Glaucidium perlatum

Bird species richness

- X families had more than 100 individuals detected across all survey sites
- Using point count data, species richness values (number of species) ranged from XXX, with an average of X per site



Kori Bustard
Ardeotis kori



Taita Fiscal
Lanius dorsalis

Raptors

- X individuals of X species were detected
- Most numerous species were:
 - X
 - X
 - X

Gabar Goshawk
Micronisus gabar



Photo credits: Ed Jenkins

Mammals

- A total of X individuals of X different mammal species were observed during transect surveys
- X% included X domesticated species
- Wild species observed include XXX



Black-and-white Colobus Monkey
Colobus guereza



Maasai Giraffe
Giraffa tippelskirchi