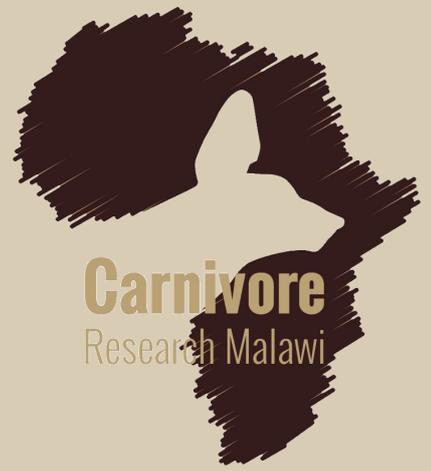


Monthly Report

April 2021



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Introduction

What we've been up to...

Hyaena Movements and Bunda College

Since last month's successful capture and collaring of URBHY01 and URBHY16, we have been closely monitoring their movements. It has been very interesting to see how both of them are using the area.

Looking at just a small section of the data, from 11th-17th April, you can see from Figure 1 and 2, both females utilized similar areas across Lilongwe. However, there are some subtle differences in the number of GPS fixes in the location clusters. Looking at the approximate distances travelled by the females, URBHY01 travelled 7km further than URBHY16's 80km. This could be



Figure 1. Locations of URBHY01 between 11/04/21 and 17/04/21

due to URBHY16 having her 10 month old cub with her. It is going to be very interesting following these two females over the next few months and building a picture of their home range.

Bunda College of Agriculture

We have recently started work at a new capture location, Bunda College of Agriculture, who we have also entered into an MoU with for research collaborations.

Initial work began by introducing some of the students to the work that CRM has been doing and give an insight to coexisting with hyaenas. The students showed a keen interest, and were then taken to the areas thought to have hyaena present. They were



Figure 2. Locations of URBHY16 between 11/04/21 and 17/04/21

shown how to bait an area and set up camera traps so that the individual hyaenas had the best chance of being captured and identified. With the continued help of the students we aim to find and monitor any hyaenas in the area and in May and June deploy satellite collars on the adults in the clan start to gaining an understanding of their movements and ecology.



Figure 3. Bunda College students being shown the tracks and signs of hyaenas on their campus.

April Results

Camera Traps

During our weekly camera trap checks, we found evidence of activity at each hyaena den located around Lilongwe. These included hyena scats, prey carcasses, and an array of diverse species that frequent the den sites.

Date Set	Location	Species Seen	Active Y/N
01/04/2021 - 30/04/2021	Sanctuary (Den 1)	Spotted Hyaena, South African Porcupine	N
01/04/2021 - 30/04/2021	Sanctuary (Den 2)	Spotted Hyaena, South African Porcupine, Side Striped Jackal	N
01/04/2021 - 30/04/2021	Sanctuary (Den 3B)	South African Porcupine, Helmeted Guineafowl	N
01/04/2021 - 30/04/2021	Sanctuary (Den 3C)	South African Porcupine	N
01/04/2021 - 30/04/2021	Kumbali	Spotted Hyaena, Domestic dog	N

April In Pictures



Figure 1. Some of the more “prickly” characters in the area, a South African porcupine.



Figure 2. One of our females with a sat collar at Den 2.



Figure 3. More hyena activity around Den 2.



Figure 4. One of the smaller, meso-carnivores that inhabit the area, a side-striped jackal.



Figure 5. Bunda College students helping set up a baited capture funnel and camera trap.



Figure 6. Bunda College students with a camera trap they set up.

CRM Funders and Supporters

CRM would like to thank all our funders and collaborators.



Bringing the wild back to life

