

## Supplementary Material

### Non-Lethal Assessment of Potentially Toxic Elements Across Mammalian Trophic Levels in African Savannahs Running Title: Non-invasive Assessment of African Mammals

**Supplementary Table S1.** Number of samples per species included in herbivore, omnivore and carnivore groups assessed for essential trace element concentrations

IUCN status	Group	Scientific name	Common name	Block	TKR site (n)	MNR site (n)	
VU		<i>Giraffa camelopardalis</i>	Giraffe	1	10	10	
LC		<i>Tragelaphus strepsiceros</i>	Greater Kudu	2	10	10	
NT		<i>Syncerus caffer</i>	African Buffalo	3	10	10	
NT		<i>Equus quagga burchellii</i>	Plains Zebra	4	10	10	
LC	<b>Herbivore</b>	<i>Connochaetes taurinus</i>	Blue Gnu	5	10	10	
LC		<i>Aepyceros melampus</i>	Impala	6	10	10	
LC		<i>Oryx gazella</i>	Gemsbok	7	10	-	
LC		<i>Kobus ellipsiprymnus</i>	Waterbuck	7	-	10	
LC		<i>Atherurus africanus</i>	Porcupine	8	10	4	
LC		<i>Raphicerus campestris</i>	Steenbok	9	10	-	
LC		<i>Tragelaphus angasii</i>	Nyala	9	-	10	
LC		<i>Phacochoerus africanus</i>	Warthog	10	10	10	
LC		<b>Omnivore</b>	<i>Canis mesomelas</i>	Black backed Jackal	11	15	15
LC			<i>Papio ursinus</i>	Chacma Baboon	12	10	10
NT		<i>Parahyaena brunnea</i>	Brown Hyena	13	15	-	
LC		<i>Crocuta crocuta</i>	Spotted Hyena	13	-	15	
VU	<b>Carnivore</b>	<i>Panthera leo</i>	Lion	14	15	15	
VU		<i>Panthera pardus</i>	Leopard	15	8	9	
EN		<i>Lycaon pictus</i>	African Wild Dog	16	15	15	
LC		<i>Suricata suricatta</i>	Meerkat	17	15	-	
LC		<i>Helogale parvula</i>	Dwarf Mongoose	17	-	15	
					<b>193</b>	<b>188</b>	

<sup>LC</sup> Least concern, <sup>NT</sup> Near Threatened, <sup>VU</sup> Vulnerable, <sup>EN</sup> Endangered (IUCN)