

Ecosystem 1 Assessment Tables and Figures

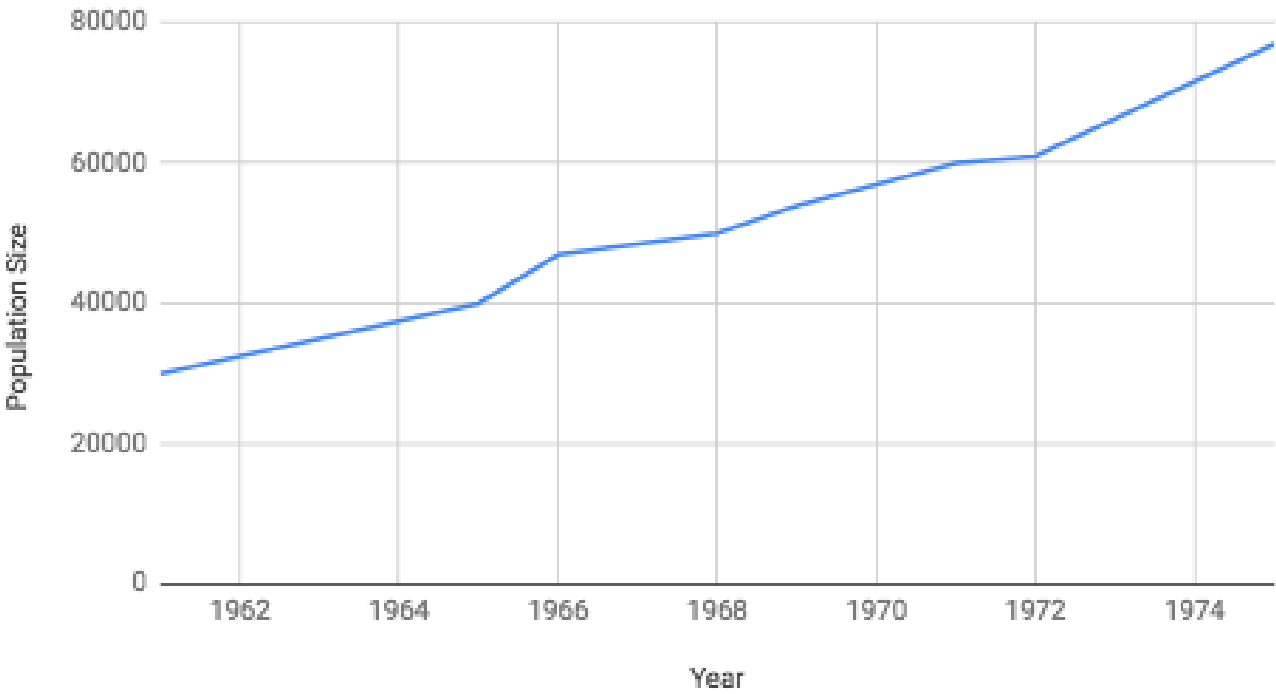
Data 1

DATA:

Fig 1 (Below) Table of photo capture events by species. Data taken between June 2010 and May 2013 produced 1.2 million image sets (each image set contains 1–3 photographs taken in a single burst of ~1 s). Data taken from: <https://www.nature.com/articles/sdata201526>

Species	Total (photo) capture events	Species Cont'd	Total (photo) capture events Cont'd
aardvark	386	leopard	228
aardwolf	162	lion female & cub	3343
baboon	1556	lion male	923
bat eared fox	291	mongoose	246
buffalo	13672	ostrich	673
bushbuck	252	other bird	5549
caracal	79	porcupine	288
cheetah	1272	reedbuck	2875
civet	37	reptiles	131
dik dik	1483	rhinoceros	30
eland	2689	rodents	48
elephant	10178	secretary bird	434
genet	27	serval	458
giraffe	8386	spotted hyena	5305
Grant's gazelle	7723	striped hyena	115
guinea fowl	7793	Thomson's gazelle	41420
hare	398	topi	2299
hartebeest	12431	velvet monkey	314
hippopotamus	2611	warthog	7493
honey badger	35	waterbuck	353
human	9851	wildcat	47
impala	8286	wildebeest	100660
jackal	561	zebra	70577
kori bustard	688	zorilla	17

African Buffalo Population 1960-1975



Density Dependent Factors

Predators

Availability of resources (e.g. shelter, water)

Nutrient supply (i.e. food source)

Disease / pathogenic spread

Accumulation of wastes

Density Independent Factors

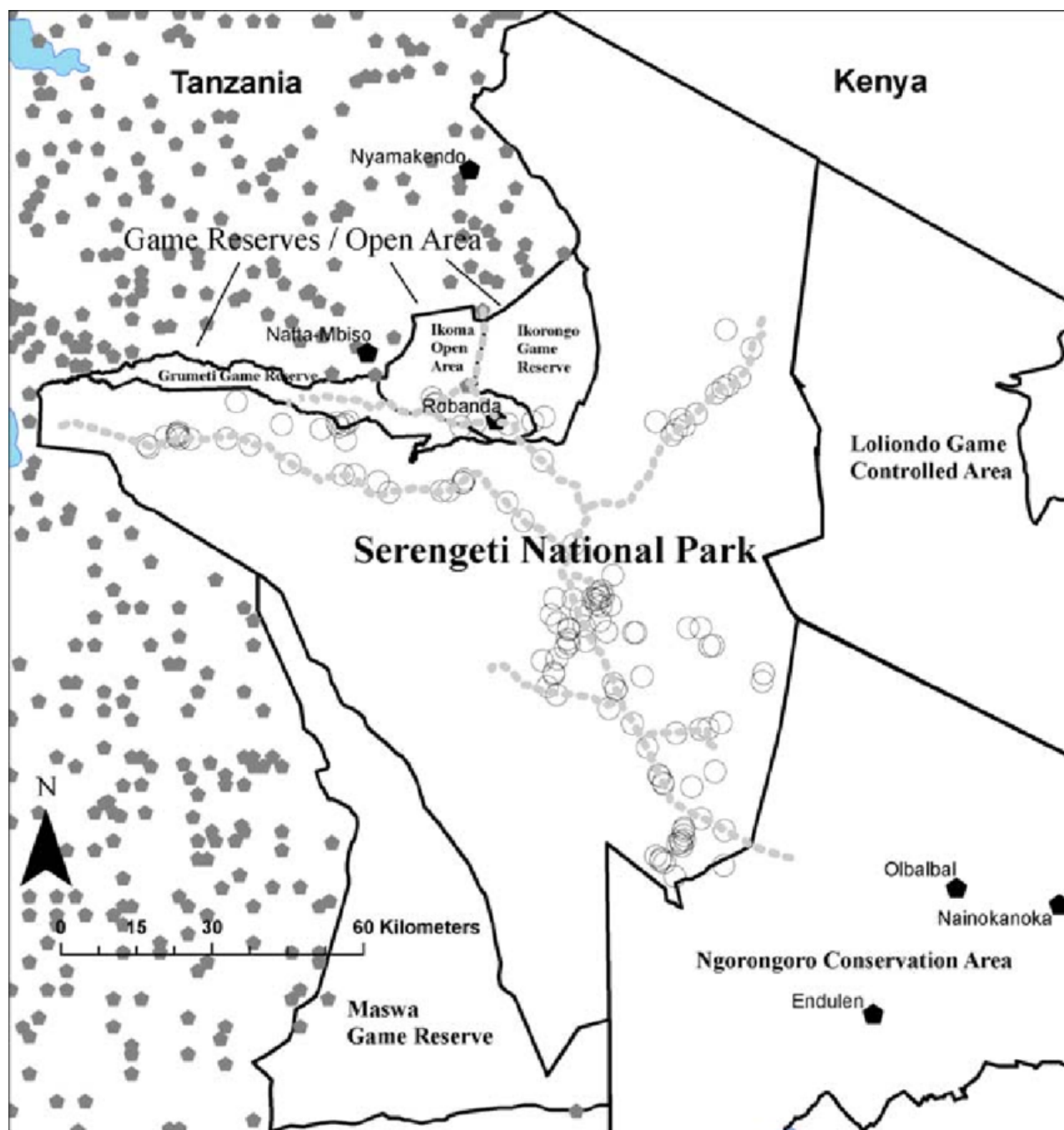
Phenomena (e.g. natural disasters)

Abiotic factors (e.g. temperature, CO₂ levels)

Weather conditions (e.g. floods, storms, etc.)

Mnemonic: PANDA PAW





Data 5

[Simulation Link](#)