

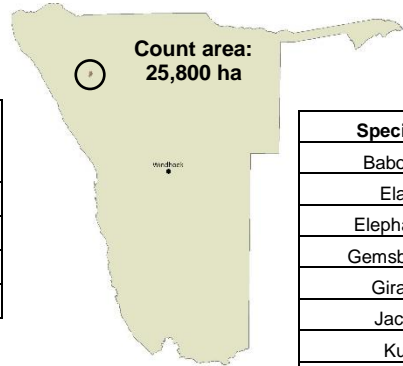
GAME COUNTS IN NORTH-WEST NAMIBIA

Hobaterere concession area

June 2017

Total Population Estimates

Species	Population estimate	Lower 95% CL	Upper 95% CL
Gemsbok (U)	125	10	1,360
Kudu (HN)	50	10	240
Springbok (HN)	305	30	3,200
Hartmann's Zebra (U)	210	30	1,670

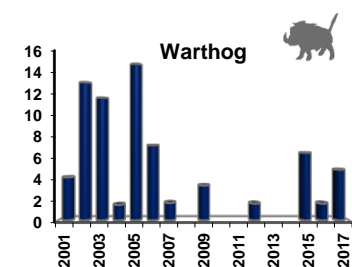
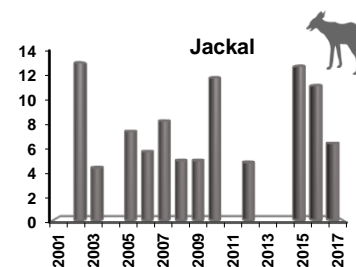
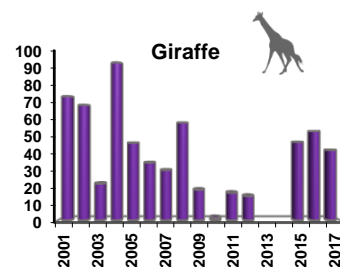
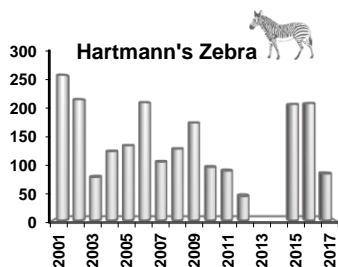
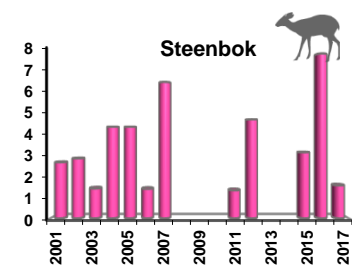
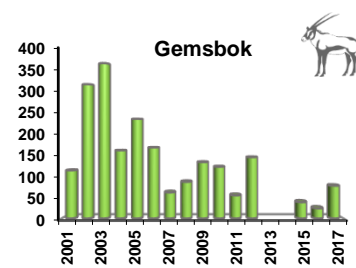
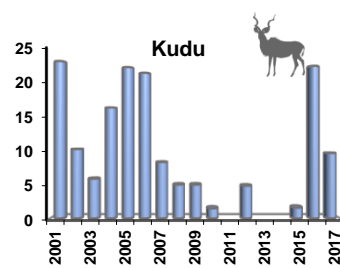
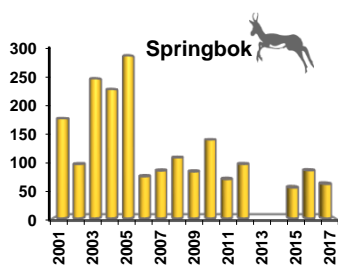


Total number of animals seen each year

Species	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2015	2016	2017
Baboon				4											1
Eland	52	19		12	10	12	9						45	5	
Elephant	6	2	1				2	3			20	1	1	3	10
Gemsbok	83	217	251	108	158	117	37	52	80	82	40	90	24	15	48
Giraffe	54	47	15	63	31	24	18	35	11	1	12	9	29	33	26
Jackal		9	3		5	4	5	3	3	8		3	8	7	4
Kudu	17	7	4	11	15	15	5	3	3	1		3	1	14	6
Ostrich	3	2	4		1	4									1
Springbok	130	66	170	154	194	52	51	65	50	94	51	60	34	53	38
Steenbok	2	2	1	3	3	1	4				1	3	2	5	1
Warthog	3	9	8	1	10	5	1		2			1	4	1	3
H. Zebra	190	148	53	83	90	147	63	77	105	64	65	27	129	130	52

All above estimates are derived using DISTANCE analysis. This takes account of drop off in detection with distance from the transect line. Model selection: U = uniform key; HN = half normal

Trends - Number of animals per 100km



Animals seen during this count and minimum estimates

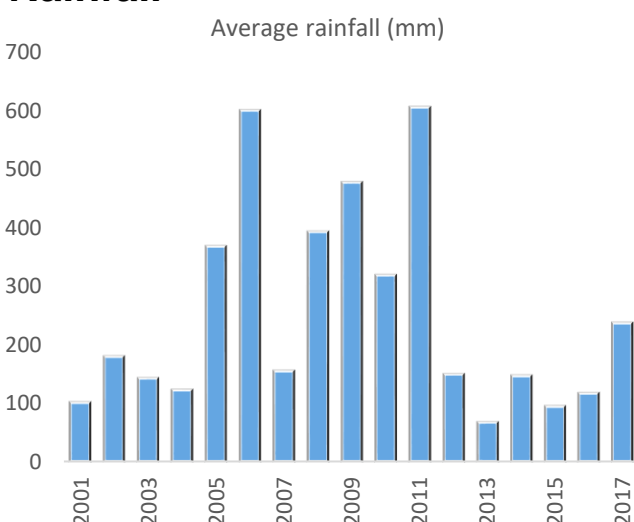
Values without brackets are numbers of animals seen along transects. Values inside brackets are minimum estimates assuming all animals within 500m on each side of the transect line are detected i.e. there is no adjustment for drop off in detection with distance from the transect line.

These values are significantly lower than the totals indicated in the top left table as the total estimates take account of species detection curves.

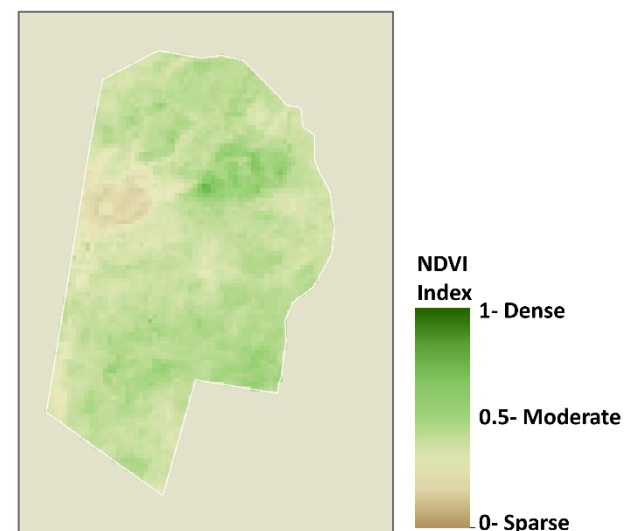
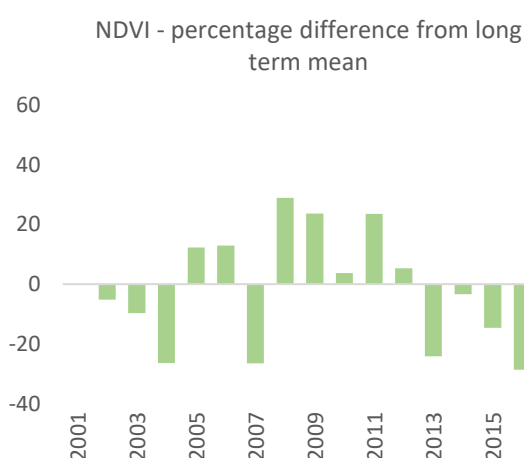
		Hobaterere
Total Route km		62
Total area (km ²)		258
Number of routes		3
% area excluded		5
Species		
Gemsbok	48 (105)	
Giraffe	26 (97)	
Kudu	6 (11)	
Ostrich		
Springbok	38 (83)	
Steenbok	1	
H. Zebra	52 (94)	



Rainfall



Vegetation



The rainfall season is from July to June and values are an average for the whole area. The year represents the season immediately prior to the count.

NDVI is a measure of the density of chlorophyll in vegetation cover. It can be used as an indicator of the amount of biomass available to wildlife. The map shows the NDVI status in the current year (Feb-April) and the trend indicates the average from Feb to April each year represented as a percentage of the long term mean (2001-2017).