

# GAME COUNTS IN HARDAP GAME PARK AND NAUTE RECREATION RESORT

May 2020

## Hardap Game Park:

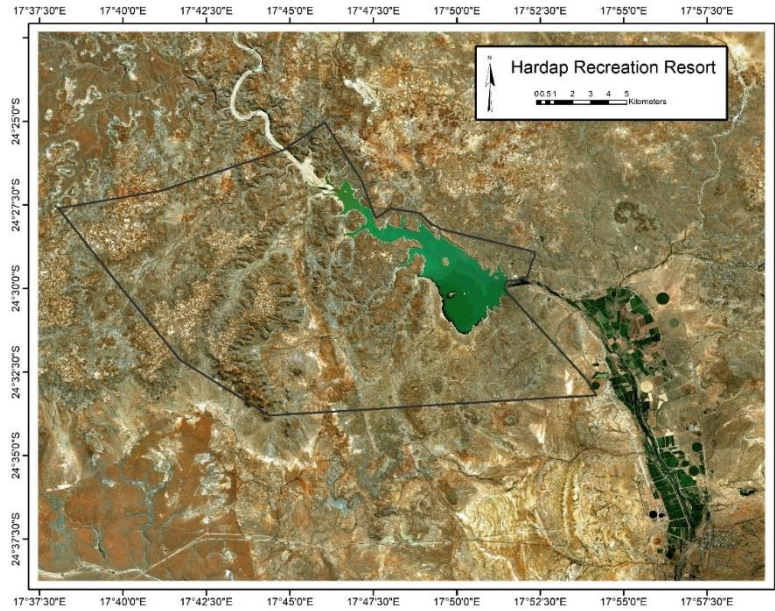
### Total Population Estimates

Species	Estimate	Lower 95% CL	Upper 95% CL	Model
Gemsbok	80	20	610	HN
Kudu	30	10	110	HN
Ostrich	75	30	160	HN
Springbok	2290	1360	3880	HN
Hartmann's Zebra	90	40	240	U

Estimates were calculated using DISTANCE. Numbers are rounded. Model selection: U = uniform key; HN = half normal

### Total numbers seen per year

Species	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Baboon					16	17		7	17	62		84	17	3	4	31
Gemsbok	47	129	77	113	237	205	178	225	393	206	603	480	427	248	85	19
Jackal	3	6	3	8	7	2	3	11	4	5	4	10	7	4	4	5
Klipspringer		2														
Kudu	66	55	34	36	56	18	40	46	72	19	5	22	27	25	5	7
Ostrich	78	160	82	40	48	44	63	51	82	27	93	49	62	53	6	26
Springbok	379	606	322	372	390	581	676	454	351	222	234	402	455	445	310	380
Steenbok	16	4	4	4	5	2	4		3	4	5	6	1	2	6	
Warthog	3	6	9	5	6	4	2	29	22	14	18	11	6	4		2
Hartmann's Zebra	6	12	18	16	43	26	108	38	93	14	50	156	80			26

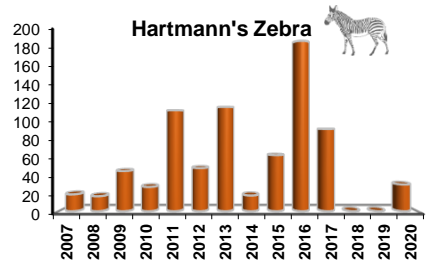
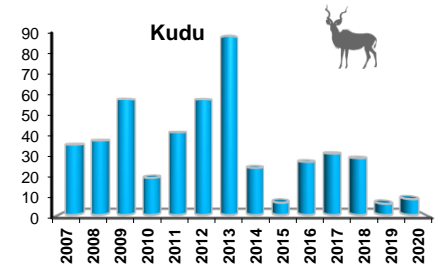


### Animals seen in this count:

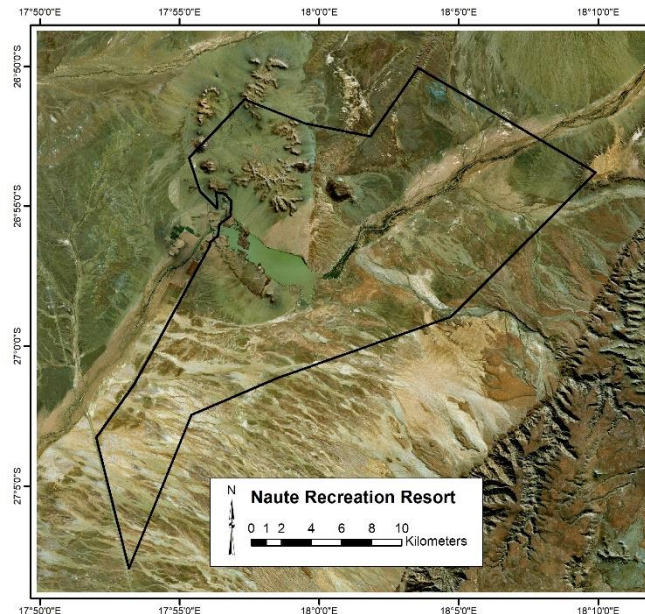
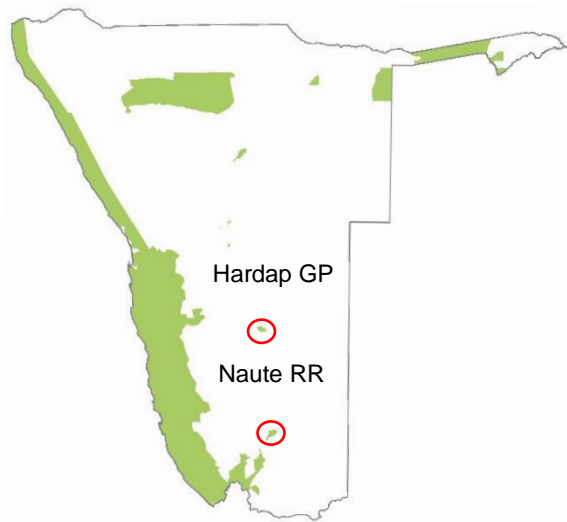
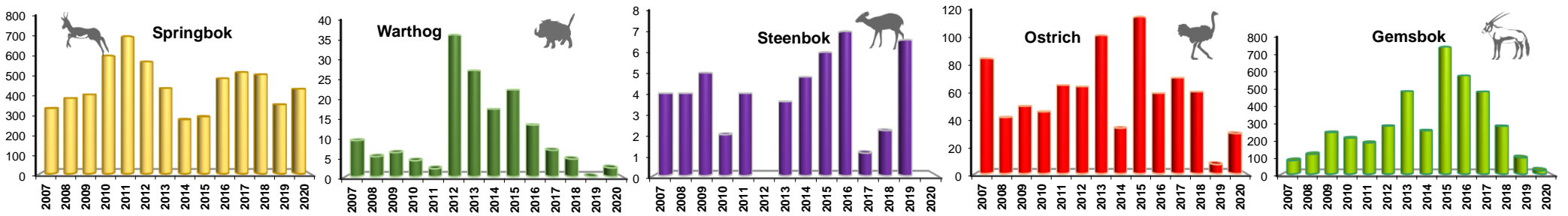
Total Route km	87
Number of routes	2
Total area (km <sup>2</sup> )	238

Count area  
23,800 ha

Species	Total	Route 1	Route 2
Baboon	31	30	1
Gemsbok	19	18	1
Jackal	5	3	2
Klipspringer	0		
Kudu	7	7	
Ostrich	26	19	7
Springbok	380	215	165
Steenbok	0		
Warthog	2	2	
Hartmann's Zebra	26	23	3



### Trends: Number of animals per 100km



## Naute Recreation Resort:

### Animals seen in this count:

Species	Total	Route 1	Route 2	Route 3
Baboon	50			50
Gemsbok	48	38		10
Jackal	2			2
Kudu	25	2		23
Ostrich	14		7	7
Springbok	274	30	219	25
Steenbok	1			1
Warthog	2			2
Hartmann's Zebra	5		5	

### Estimates:

Species	Estimate	Lower 95% CL	Upper 95% CL	Model
Springbok	346	198	605	HN

More years of count data are required to derive sensible estimates for other species

### Total numbers seen per year

Species	2019	2020
Baboon		50
Gemsbok	13	48
Jackal	4	2
Kudu	3	25
Ostrich	25	14
Springbok	222	274
Steenbok	2	1
Warthog		2
Hartmann's Zebra		5

Total Route km	131
Number of routes	3
Total area (km <sup>2</sup> )	361
Area excluded (km <sup>2</sup> )	64

Count area  
30,000 ha

### Trends: Number of animals per 100km

