

GAME COUNTS IN SOUTHERN NAMIBIA

May 2011

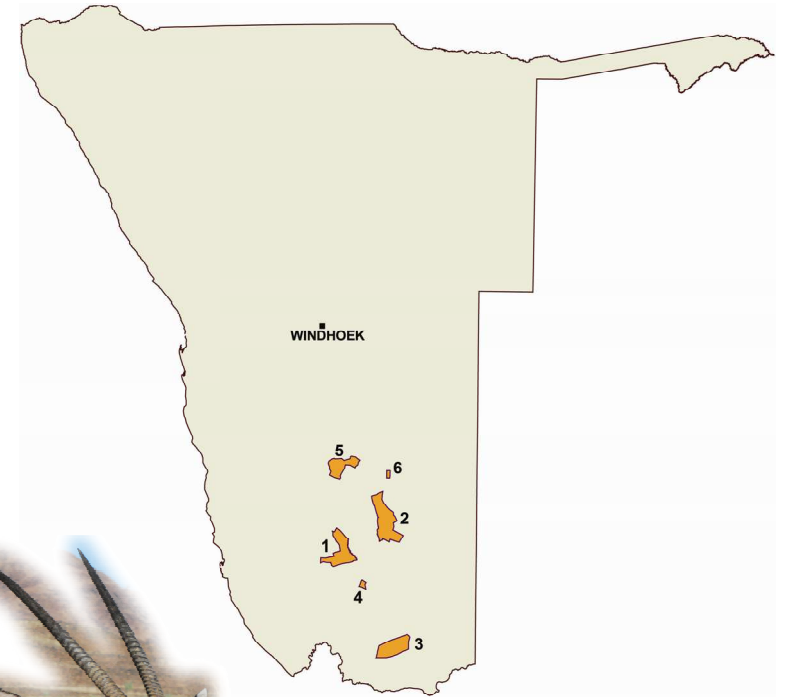
Total Population Estimates for the conservancies counted

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	35	59
Kudu	151	392
Ostrich	50	104
Springbok	8,885	18,035
Steenbok	121	751

The minimum estimate assumes all animals along a 1km wide transect are seen; the likely estimate corrects for detection using Effective Strip Width (ESW).

Total numbers seen per year

Species	2005	2006	2007	2008	2009	2010	2011
Baboon	7	8	13	10			
Gemsbok		12	2	3	13	3	12
Jackal	6	3	4	4	3	7	7
Kudu				5	4	4	15
Ostrich			8	22	49	21	17
Springbok	912	1,133	1,247	1,538	1,757	1,471	2,225
Steenbok	12	4	19	8	24	18	22



Count area: 800,000 ha



Animals seen during this count:

Population estimates for conservancies:

	Total	4. !Gawachab	1. !Han/Awabi	2. !Khub! Naub	3. //Gamaseb	5. Huibes	6. Oskop
Total Route km	1,409	50	295	441	377	212	34
Total area (km2)	7,554	142	1,922	2,684	1,760	1378	95
Number of routes	27	2	5	7	7	5	1
% area excluded		0	0	0	0	39	0

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Baboon						
Gemsbok	12			2		10
Jackal	7	1	1	5		
Kudu	15		15			
Ostrich	17	7			6	4
Springbok	2,225	23	213	902	938	115
Steenbok	22		4	6	3	5

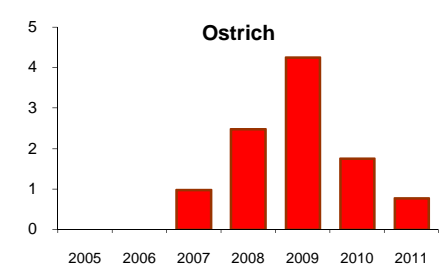
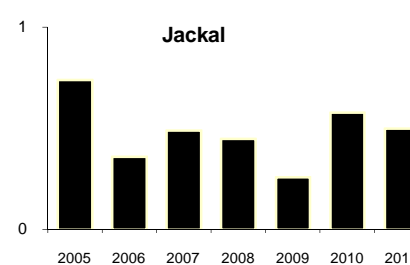
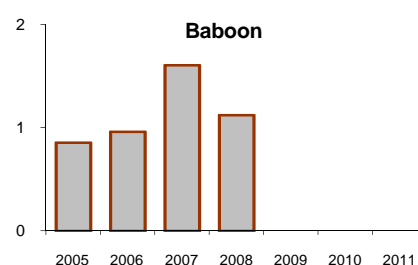
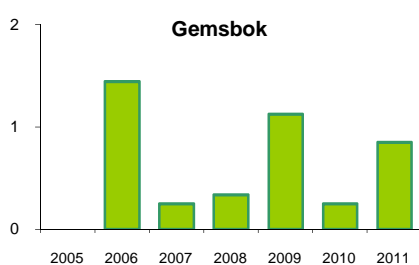
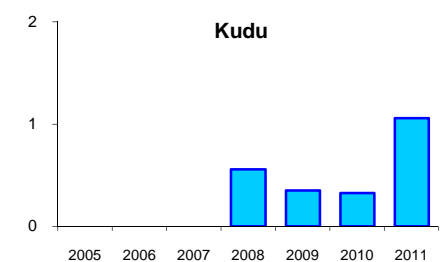
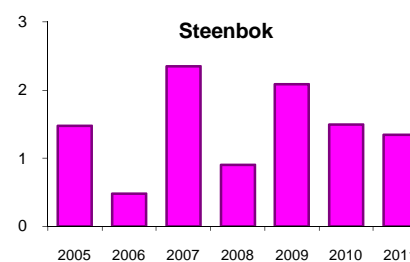
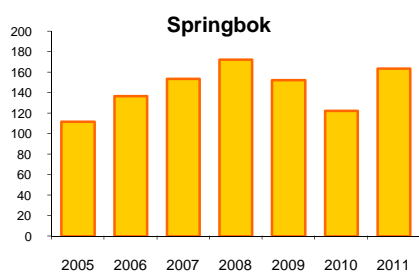
Estimates with no brackets take account of drop off in detection of animals with distance from the transect line and are calculated using effective strip widths (ESW) for each species. Estimates inside brackets are minimum estimates assuming all animals within 500m on each side of the transect line are detected.

Species	4. !Gawachab	1. !Han/Awabi	* 2. !Khub! Naub	* 3. //Gamaseb	5. Huibes	6. Oskop
Gemsbok				11 (7)		48 (28)
Kudu		392 (151)				
Ostrich	42 (20)				39 (19)	23 (11)
Springbok	143 (71)	2,820 (1,389)	6,556 (3,230)	7,655 (3,771)	208 (103)	652 (321)
Steenbok		205 (33)	265 (43)	100 (16)	112 (18)	69 (11)

* These are conservative estimates for springbok and gemsbok as large groups have been excluded from extrapolations.

Note: All estimates are rough approximations and great care should be taken when using these data for quota setting.

Trends:



Y-axis = Number of animals per 100km