

GAME COUNTS IN SOUTHERN NAMIBIA

May 2010

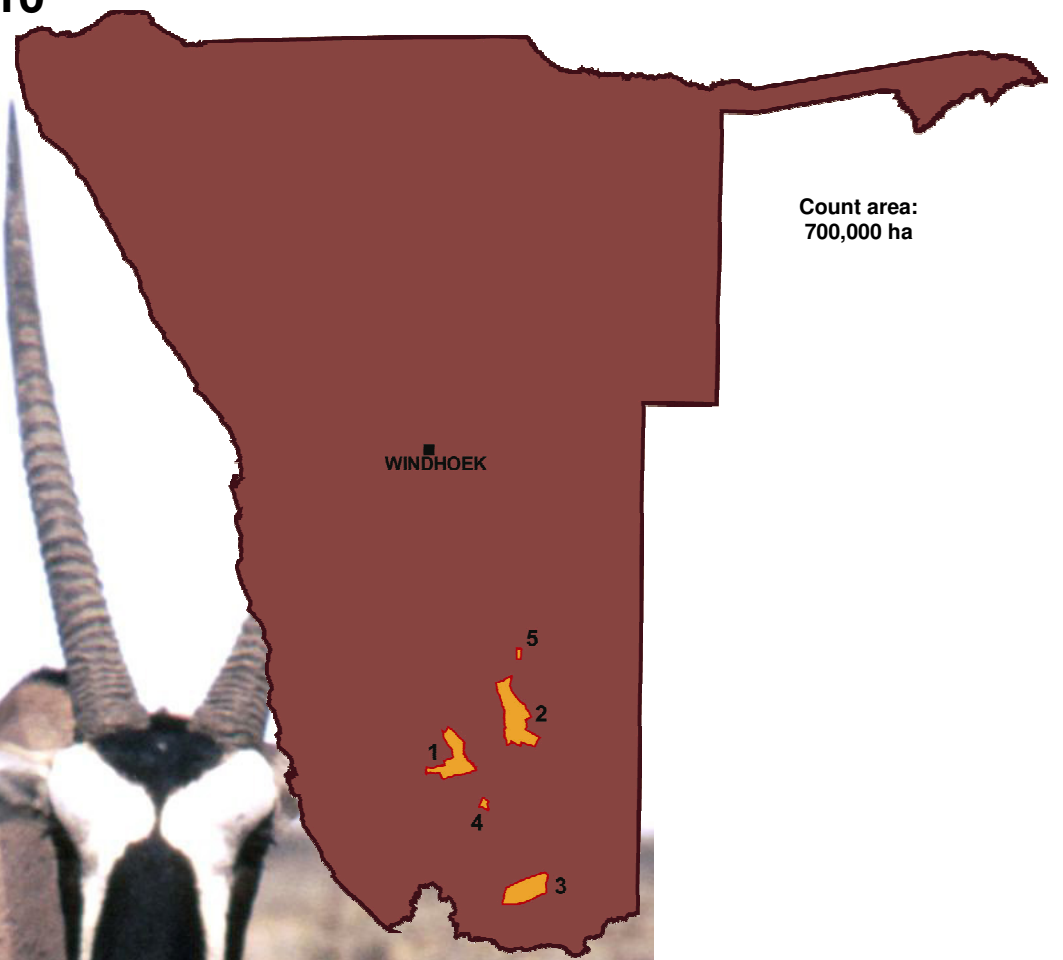
Total Population Estimates

Species	Minimum pop estimate	Likely pop estimate (ESW)
Gemsbok	8	12
Kudu	14	37
Ostrich	86	95
Springbok	8,252	13,202
Steenbok	73	728

The minimum estimate assumes all animals along a 1km wide transect are seen; the likely estimate corrects for detection using Effective Strip Width (ESW). Estimates for individual conservancies for springbok and gemsbok use a more conservative estimation approach and consequently add up to less than the regional total estimate indicated here.

Total numbers seen per year

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



Animals seen during this count:

	Total	1. !Han/Awab!	2. !Khubi Naub	3. //Gamaseb	4. !Gawachab	5. Oskop
Total Route km	902	295	441	377	50	34
Total area (km2)	6,603	1,922	2,684	1,760	142	95
Number of routes	22	5	7	6	2	1
% area excluded	0	0	0	0	0	0

Species						
Baboon						
Gemsbok	3					3
Jackal	7	2	5			
Klipspringer						
Kudu	4	1				3
Ostrich	21	4				17
Springbok	1,471	313	451	584	35	88
Steenbok	18	3	6	2	5	2

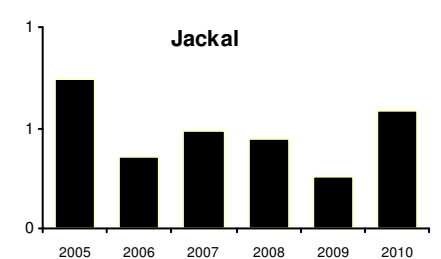
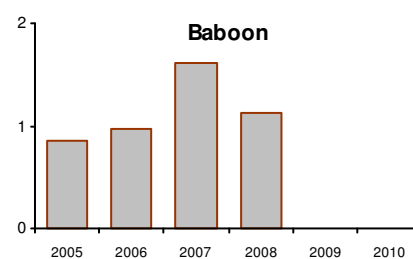
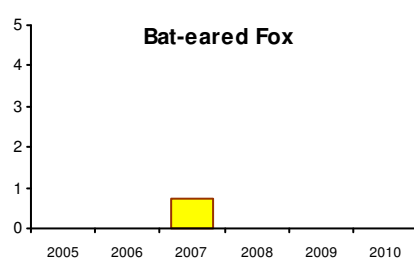
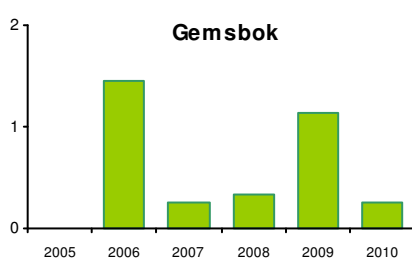
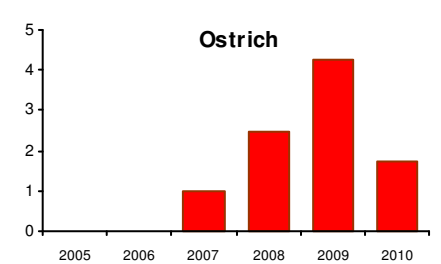
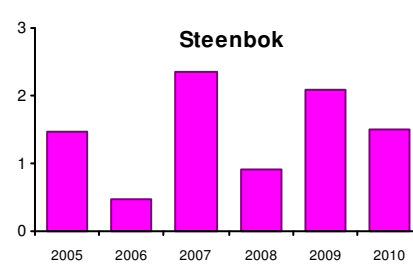
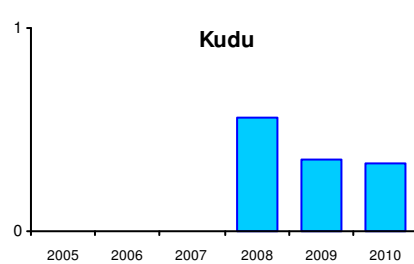
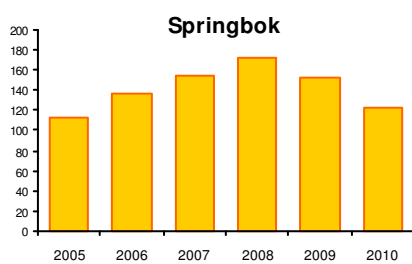
Population estimates for conservancies:

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	1. !Han/Awab!	2. !Khubi Naub	3. //Gamaseb	4. !Gawachab	5. Oskop
Gemsbok				12 (8)	
Kudu	13 (5)			24 (9)	
Ostrich	44 (40)			51 (46)	
Springbok	3,148 (1,968)	5,102 (3,189)	4,405 (2,753)	154 (96)	393 (246)
Steenbok	196 (20)	249 (25)	75 (7)	152 (15)	56 (6)

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