

Gondwana Namib Park

Game Count 2008

OBJECTIVES OF COUNTING

Objective	Reasons why information is needed
1. Estimate the Numbers of game How many?	For: <ul style="list-style-type: none"> estimating stocking rates and biomass to manage the veld conditions and inter-specific competition; setting reasonable off-take quotas; determining the value of wildlife in the Park; providing information to visitors.
2. Produce wildlife Distribution maps Where are they?	For: <ul style="list-style-type: none"> land-use planning and zonation; monitoring veld condition in areas of high game concentrations; tracking distribution changes in response to rainfall or human factors such as water distribution, removal of fences, off-takes, etc.
3. Monitor Population Changes Is wildlife increasing or decreasing?	For: <ul style="list-style-type: none"> monitoring changes per species per year; To assist management to achieve its objectives for wildlife management, biodiversity conservation and the protection of rare and vulnerable species.

CORRECTION FACTORS

	ZONES				Totals
	1	2	3	4	
Route Length through zone (km)	23.0	26.6	13.5	16.3	79.3
Route width (km)	1	1	1	2	
Area sampled (km ²)	23.0	26.6	13.5	32.6	95.6
Area of zone (km ²)	37	29	19	43	128
Percentage sampled	62	92	71	76	75
Zone Correction Factor	1.6	1.1	1.4	1.3	

SPECIES CORRECTION FACTORS

Gemsbok	1.1
Springbok	1.3
Steenbok	10.0
Ostrich	1.1
Kudu	1.1



ZONE DESCRIPTIONS

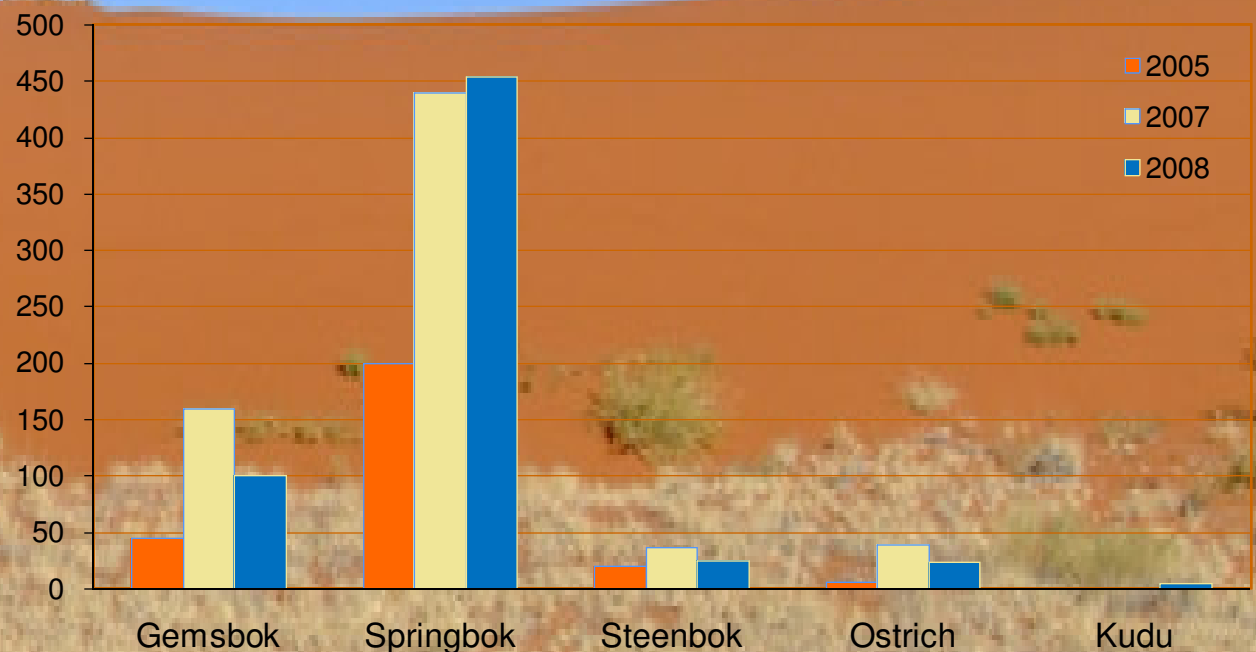
Zone 1: Fossilised dunes and sand-sea to the west of the park

Zone 2: Ephemeral river, and a 500 m buffer on either side of this area (includes the sandy plains to the west of the river)

Zone 3: Diep River Drainage (southern plains area)

Zone 4: Sandy plains to the east of the river, and Calcrete and Stony plains (northern plains area)

CHANGES IN POPULATION NUMBERS 2005-2008



WILDLIFE POPULATION ESTIMATES

	2005	2007	2008
Gemsbok	45	160	101
Springbok	200	439	454
Steenbok	20	37	25
Ostrich	6	39	24
Kudu	0	0	5
Total	271	675	609

TOTAL ESTIMATED WILDLIFE BIOMASS				
Year:	2005	2007	2008	TARGET RANGE
Biomass (kg/ha):	1.45	4.39	3.38	2 – 10 kg/ha

Percentage of animals seen in the dunes

	2007	2008
Gemsbok	2.4 %	91.4 %
Springbok	0 %	32.4 %
Steenbok	33.3 %	0 %
Ostrich	0 %	0 %



Thank You to Everyone!

For more information contact:
Rachel & Danie Brand
 Park Wardens, Gondwana Cañon Park
 E-mail: park@gondwana-canyon-park.com