

# Gondwana Kalahari Park

## Game Count 2012



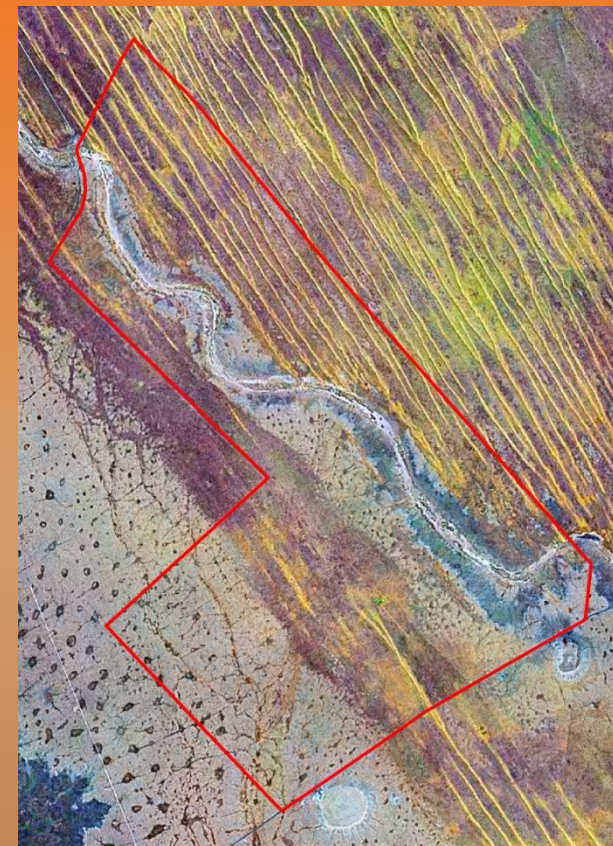
### Objectives Of Counting

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

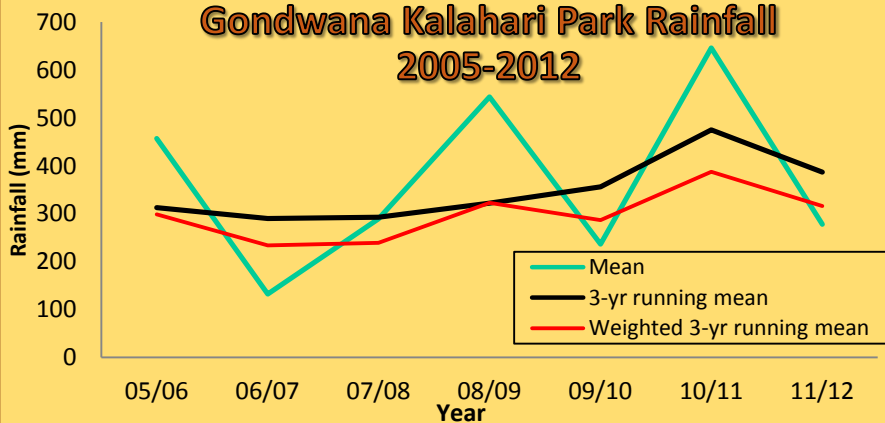
### Route & Species Parameters

Route Parameters	ROUTES					Totals
	1	2	3	4	5	
Route Length (km)	17.7	25.4	27	33	14.6	117.7
Correction Factor	1.0	1.5	1.3	1.3	1.0	

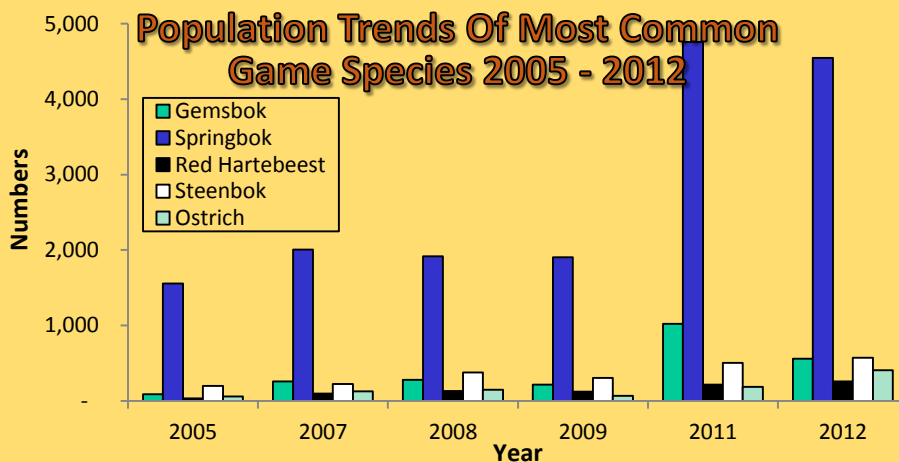
SPECIES	SPECIES CORRECTION FACTORS
Gemsbok	1.5
Springbok	1.8
Kudu	1.2
Red Hartebeest	1.2
Steenbok	15.0
Ostrich	1.2
Zebra	1.2
Wildebeest	1.2
Duiker	10.0



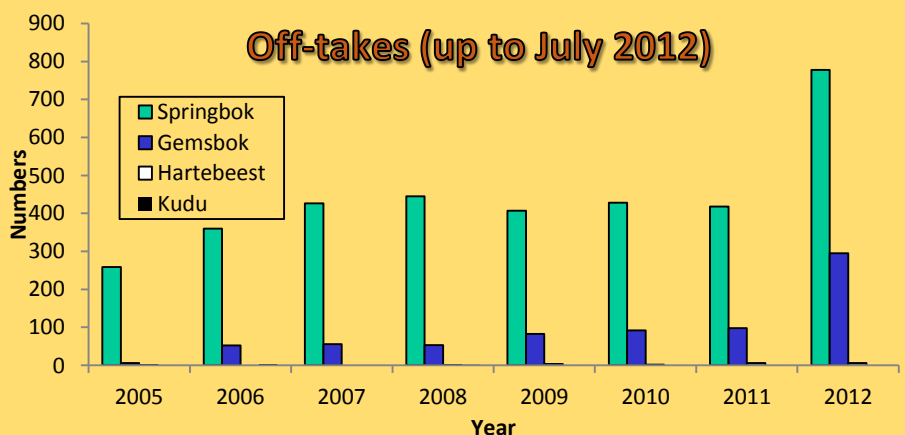
### Gondwana Kalahari Park Rainfall 2005-2012



### Population Trends Of Most Common Game Species 2005 - 2012



### Off-takes (up to July 2012)



### Changes In Population Numbers 2005-2012

	2005	2007	2008	2009	2011	2012
Gemsbok	88	257	283	214	1024	560
Springbok	1558	2008	1917	1905	4760	4546
Kudu	13	21	4	16	87	63
Red Hartebeest	36	96	132	125	217	258
Steenbok	199	226	377	307	506	572
Ostrich	61	127	149	68	185	406
Wildebeest		40	41	44	102	126
Duiker		13			15	13
Eland (known)				16	36	45
Zebra (known)		23	30	40	62	48
Giraffe (known)					7	7
<b>Total</b>	<b>1955</b>	<b>2799</b>	<b>2933</b>	<b>2718</b>	<b>6379</b>	<b>6644</b>

Notes; Current grazing biomass exceeds the target range. An intensive off-take programme has been under way since September 2011 to bring the grazing biomass down and this is beginning take effect.

### Total Estimated Grazing Wildlife Biomass

Year:	2005	2007	2008	2009	2011	2012	TARGET RANGE
Biomass (kg/ha):	6.92	13.81	15.10	12.45	37.74	32.5	7 – 30 kg/ha



For more information contact:  
 Trygve & Sue Cooper  
 Park Wardens, Gondwana Cañon Park  
 E-mail: gcpark@gondwana-collection.com