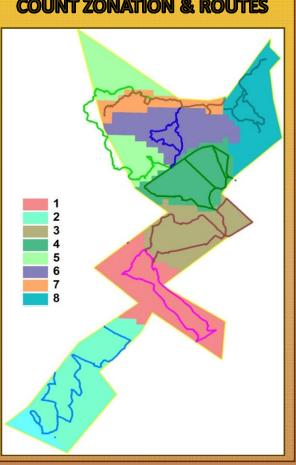
# GONDWANA CAÑON PARK **GAME COUNT 2008**



### **COUNT ZONATION & ROUTES**



#### **ROUTE & SPECIES PARAMETERS**

	ROUTES								
Route Parameters	1	2	3	4	5	6	7	8	Totals
Route Length (km)	55.3	61.4	57.4	60	32	33.7	23	40.7	363.5
Area of Zone (km²)	174	225	134	126	126	134	55	128	1102
Duration of Count (hrs)	5:35	6:25	7:35	7:00	2:40	4:50	3:45	3:45	41:35

	EFFECTIVE STRIP WIDTHS (m)								
	(Area effectively surveyed either side of road)								
SPECIES	1	2	3	4	5	6	7	8	
Gemsbok	700	482	424	476	482	482	482	482	
Springbok	363	278	323	355	278	278	278	278	
Kudu	600	354	394	450	354	354	193	354	
Hartmann's Mountain Zebra	539	600	539	539	600	693	631	631	
Ostrich	1000	1000	900	800	1000	1000	1000	1000	
Red Hartebeest	1000	1000	1000	1000	1000	1000	1000	1000	
Steenbok	80	77	80	80	77	77	77	77	
Klipspringer	270	250	270	270	250	293	264	264	
Black-backed Jackal	99	99	99	99	99	99	99	99	

#### **OBJECTIVES OF COUNTING**

Objective	Reasons why information is needed				
Estimate the     Numbers of game     How many?	<ul> <li>For: <ul> <li>estimating stocking rates and biomass to manage the veld conditions and inter-specific competition;</li> <li>setting reasonable off-take quotas;</li> <li>determining the value of wildlife in the Park;</li> <li>providing information to visitors.</li> </ul> </li> </ul>				
Produce wildlife     Distribution maps     Where are they?	For:  Iand-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:     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.				

## **WILDLIFE POPULATION ESTIMATES** 2003-2008

	2003	2004	2005	2006	2007	2008
Gemsbok	115	205	320	370	692	651
Springbok	2052	1488	2699	3481	3 809	4599
Kudu	351	254	368	601	695	422
Steenbok	350	228	140	293	353	182
Mountain Zebra	26	171	195	187	326	308
Ostrich	80	89	74	160	328	159
Red Hartebeest	0	15	6	4	2	38
Klipspringer	141	64	243	118	393	132
Jackal	0	0	53	47	155	103
Burchell's Zebra (known numbers)					(26)	(29)
Total	3 115	2 514	4 098	5 261	6 779	6 623

## Hartmann's Mountain Zebra Distribution 2007 & 2008

