

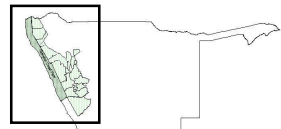
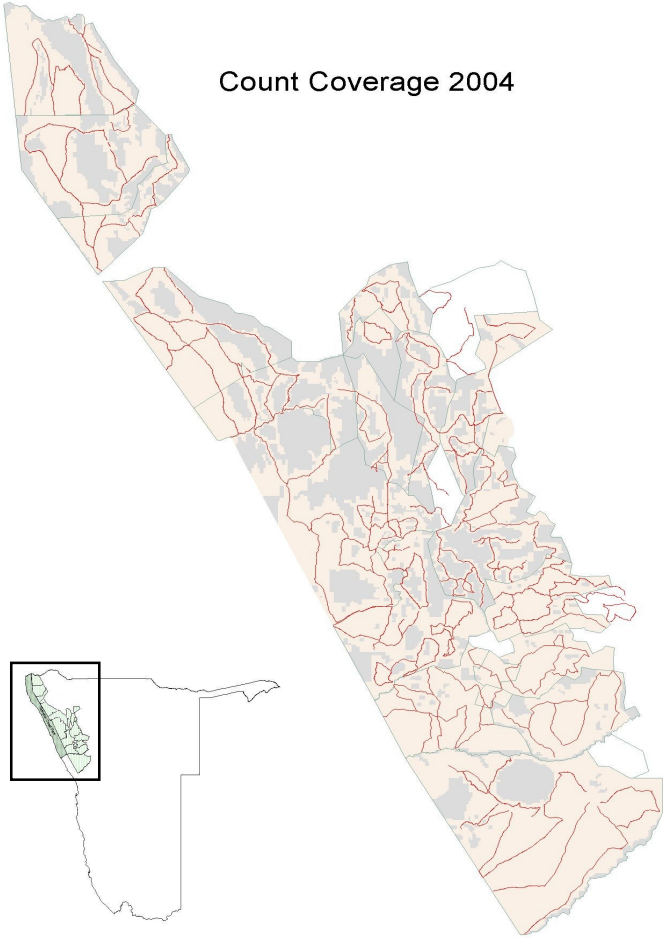
# GAME COUNTS IN NORTH-WEST NAMIBIA 2004

## June 2004

### Route Statistics:

Area	Management Unit	Total route length	Total time taken	Number of routes	Average strip width	Area represented	Area excluded	% Excluded	Total area	Average sampling
1	Marienfluss	286	14.6	5	0.65	2172	862	28%	3034	8%
1	Orupembe	275	14.8	5	0.66	2259	1307	37%	3566	8%
1	Purros	331	19.2	6	0.53	2460	1104	31%	3564	7%
1	Sanitatas	162	8.0	4	0.57	1045	401	28%	1446	8%
1	Sanitatas gap	38	2.1	2	0.62	368	140	28%	508	6%
2	Anabeb	221	20.3	5	0.60	805	839	51%	1644	18%
2	Etendeka	117	15.3	3	0.65	357	150	30%	507	21%
2	Palmwag	583	38.0	11	0.53	3335	2556	43%	5891	9%
2	Sesfontein	321	19.9	7	0.47	1432	1037	42%	2469	10%
3	Ehrovipuka	284	16.0	5	0.32	1417	562	28%	1979	6%
3	Okangundumba	137	7.5	2	0.35	795	336	30%	1131	6%
3	Omatendeka	240	12.8	4	0.46	846	775	48%	1621	13%
3	Orupupa	203	10.8	3	0.31	664	1272	66%	1936	9%
3	Otjambangu	46	4.0	1	0.61	89	259	74%	348	31%
3	Otuzemba	70	5.0	1	0.42	234	758	76%	992	13%
3	Ozondundu	45	2.8	1	0.30	318	428	57%	746	4%
4	Doro !Nawas	488	25.0	9	0.61	3909	228	6%	4137	8%
4	Huab	458	26.9	8	0.45	1742	75	4%	1817	12%
4	Otjimboyo	62	3.0	1	0.65	169	279	62%	448	24%
4	Sorris sorris	217	11.9	4	0.57	1879	411	18%	2290	7%
4	Tsiseb	630	28.6	8	0.74	6685	1223	15%	7908	7%
5	#Khoadi //Hoas	514	34.1	9	0.42	1845	1513	45%	3358	12%
5	Hobatere	67	4.8	3	0.30	245	13	5%	258	8%
5	Torra	518	38.1	8	0.65	2633	859	25%	3492	13%
		6,313		115	0.518	37,703	17,387	32%	55,090	

Count Coverage 2004



5.2 million ha of north-west Namibia

### Animals actually seen during the count:

Species	TOTAL	Khoadi //Hoas	Anabeb	Doro Nawas	Ehrovipuka	Etendeka	Hobatere	Huab	Marienfluss	Okangundumba	Omatendeka	Orupembe	Orupupa	Otjambangu	Otjimboyo	Otuzemba	Ozondundu	Palmwag	Purros	Sanitatas	Sanitatas gap	Sesfontein	Sorris sorris	Torra	Tsiseb	
Baboon	133	42	4		12		4	9		11	36							3	7			1		4		
Caracal	-																									
Duiker	5							4					1													
Elephant	17							2										7	4			1			3	
Gemsbok	2,760	81	47	117	55	178	108	14	59		66	178	2	21			578	217	127	14	573	1	262		62	
Giraffe	281	25		5	54	35	63				3	2					27	21	2		29	2	13			
Hyaena	13											13														
Jackal	68	4	4	6	4	5		1	6		5		1	1			1	5	2	2		3	3	14	1	
Klipspringer	14	2			3			3	1							1					4					
Kudu	310	115	5	6	11	22	11	21		2	5		12				11	15						57	17	
Ostrich	817	37	62	28	25	4		12	64	30	12	16	37	10		1	50	120	10	8	32	48	110	101		
Rhino	2																2									
Springbok	10,511	620	738	289	427	2004	154	54	236	354	643	407	236	52	137		8	1237	133	168	23	325	184	962	1120	
Steenbok	202	22	1	3	10	3	3	5	1	5	6	6	36	6	11	25	2	4		10	5	2	11	15	10	
Zebra	1,376	32	170	52	17	354	83		4	22	71						277	17	43		23		180	31		

### POPULATION ESTIMATES

Regional population estimates (using various methods)

Population estimates for each area (using transect method and consensus)

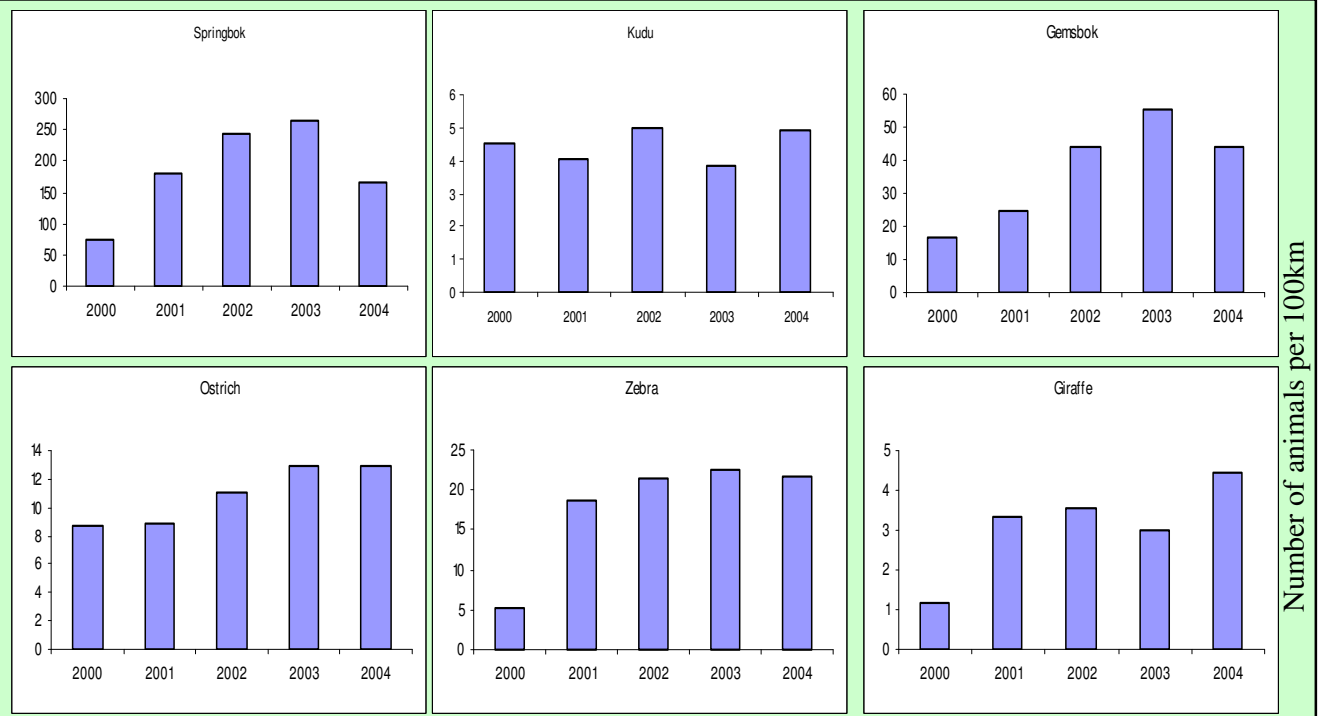
Species	From consensus - totaling all areas	From a single transect 1.2km wide		From the database (estimating per route zone)	Final Estimates
		not correcting for 'Distance'	after correcting for 'Distance'		
Elephant	480	-	-		500
Gemsbok	33,705	18,512	44,428	36,984	35,000
Giraffe	1,286	189	540	1,909	900
Kudu	2,931	1,281	3,305	2,021	3,000
Ostrich	7,836	4,330	9,117	9,418	8,000
Springbok	90,460	88,907	270,099	89,577	100,000
Zebra	14,485	7,524	14,801	15,275	14,000

Species	Marienfluss	Orupembe	Purros	Sanitatas	Sanitatas gap	Anabeb	Etendeka	Palmwag	Sesfontein	Ehrovipuka	Okangundumba	Omatendeka	Orupupa	Ozondundu	Doro !Nawas	Huab	Otjimboyo	Sorris sorris	Tsiseb	#Khoadi //Hoas	Hobatere	Torra	Otjambangu	Otuzemba
Elephant			46		4		50	35	50	30	40	70	150	50	40		30		100	20	30			60
Gemsbok	1,000	2,000	4000	2,000	500	550	1,000	4,000	7000	800	50	750	400	40	500	50		25	700	700	750	2,000	100	50
Giraffe		20	150	26	15		400	300	400	300	4	60	5		16			5		150	160	20		60
Kudu		60	4			70	200	400	30	150	350	380	150	400	150	300		11	200	1,100	500	500	4,000	100
Ostrich	550	200	2000	110	200	750	150	600	500	500	280	150	170	50	700	50		200	1,200	300		600	50	200
Springbok	3000	5,000	1,500	3,000	1,000	6,000	6,000	7,000	9,000	3,000	2000	5,000	1,500	300	5,000	1,200	400	3000	6000	4,000	500	5,000	3,000	300
Zebra	80		230	600	500	850	2,500	3,000	500	600	400	850	80	300	400	100		15	300	450	850	1,500	200	100

### TREND

Comparison with previous years' counts

Species	2000	2001	2002	2003	2004
Baboon	127	120	116	203	133
Caracal	1				
Duiker	1	13	6	3	5
Elephant	67	40	24	44	17
Gemsbok	610	1587	2703	3484	2760
Giraffe	44	218	199	189	281
Hyaena		1			13
Jackal	11	45	76	60	68
Klipspringer	4	4	14	20	14
Kudu	167	261	297	241	310
Ostrich	324	577	659	815	817
Rhino	2	1	1	6	2
Springbok	2743	11678	14554	16733	10511
Steenbok	30	54	85	114	202
Zebra	189	1215	1274	1416	1376



Number of animals per 100km