

GAME COUNTS IN BWABWATA & ZAMBEZI

Dry Season **2014**

Live sightings

Numbers seen by conservation area



	Parks				Conservancies										Wuparo		
	Bwabwata West - Mahango	Bwabwata West - Buffalo	Bwabwata East	Mudumu	Balyerwa	Dzoti	Impallia	Kabulabula	Kasika	Kwandu	Mashi	Mayuni	Nakobolelwa	Salambala		Sikunga	Sobbe
Total km	326	565	881	312	79	77				80	104	74		199	47	99	57
No. of routes	22	35	58	23	12	12				11	9	6		16	4	10	5

Species	Bwabwata West - Mahango	Bwabwata West - Buffalo	Bwabwata East	Mudumu	Balyerwa	Dzoti	Impallia	Kabulabula	Kasika	Kwandu	Mashi	Mayuni	Nakobolelwa	Salambala	Sikunga	Sobbe	Wuparo
Baboon	38		89	127							21			50			
Buffalo	35	953	230	93													
Bushbuck	3	2	6														
Bushpig		2	1														1
Crocodile	3	5															
Duiker	16	59	62	29	2	8				4	8	4		6	1	9	3
Eland	6		38	3		30											
Elephant	36	1736	2259	441	3	39				10	10	20					
Giraffe	17	1	41	15							3	4					
Hippo	8	16	12	8							1						
Hyaena																	
Impala	459	71	636	335	3							4		78			9
Jackal BB				2							1						
Kudu	206	212	207	68	1					12				19	7	3	4
Lechwe	182	30	76	24							8						
Leopard																	
Lion	1		1	1													
Ostrich	1		2														
Reedbuck	45	12	14	2													
Roan	71	24	21	110	3	9					3					9	5
Sable	46	230	140														18
Steenbok	2	5	15	13	1												1
Tsessebe	22		55														
V. Monkey	11	43															
Warthog	41	126	69	72	2	5					1	2		42			5
Wild dog		7															
Wildebeest	20		37	149							1			283	51	6	
Zebra	143	19	277	216	5	6								2501		25	7

□ No counts were undertaken in these conservancies

Estimates

Estimates were calculated using DISTANCE, for all species with sufficient sightings. These are average estimates as they are calculated using sightings from the 3 most recent count years. Conservancies have been grouped due to the low numbers of animals recorded. The bottom row of the table (hyphenated) numbers = 95% Confidence Intervals.

Species	Bwabwata West - Mahango	Bwabwata West - Buffalo	Bwabwata East	Kwandu Mayuni Mashi Sobbe	Mudumu	Balyerwa Dzoti Wuparo	Salambala	Sikunga
Buffalo	61	3502	1052	0	*	0	0	0
	21-178	1853-6619	531-2082	0		0	0	0
Duiker	428	492	1028	1163	861	179	377	*
	326-562	408-595	840-1259	826-1639	605-1225	109-293	201-706	
Elephant	369	4050	5736	*	3229	417	0	0
	204-666	3219-5095	4379-7514		2090-4989	189-919	0	0
Giraffe	39	0	26	*	*	0	0	0
	19-80	0	173-412			0	0	0
Impala	1888	1069	5656	*	4904	*	1070	0
	937-3807	493-2319	2870-11145		2253-10672		602-1902	0
Kudu	1699	1468	1778	131	599	*	170	*
	1289-2239	898-2400	1257-2517	56-308	314-1141		59-485	
Lechwe	145	32	319	*	*	0	0	0
	45-469	10-103	110-929			0	0	0
Reedbuck	115	*	109	0	*	0	0	0
	39-338		42-282	0		0	0	0
Roan	296	178	270	*	759	50	0	0
	179-491	115-278	155-470		466-1239	22-112	0	0
Sable	289	1003	796	*	0	*	0	0
	144-579	717-1405	474-1337		0		0	0
Steenbok	54	49	416	*	270	*	0	0
	25-117	26-93	266-650		156-468		0	0
Tsessebe	310	0	133	0	0	0	0	0
	148-651	0	67-265	0	0	0	0	0
Warthog	250	748	771	73	1582	79	609	0
	128-486	471-1186	548-1101	23-232	1171-2135	40-158	397-932	0
Wildebeest	*	0	298	*	546	0	754	*
		0	137-650		229-1306	0	290-1965	
Zebra	349	*	1274	*	2196	*	2501	0
	196-621		917-1772		1362-3541		-	0

* = too few observations to provide useful local estimates of numbers
0 = no animals seen in counts

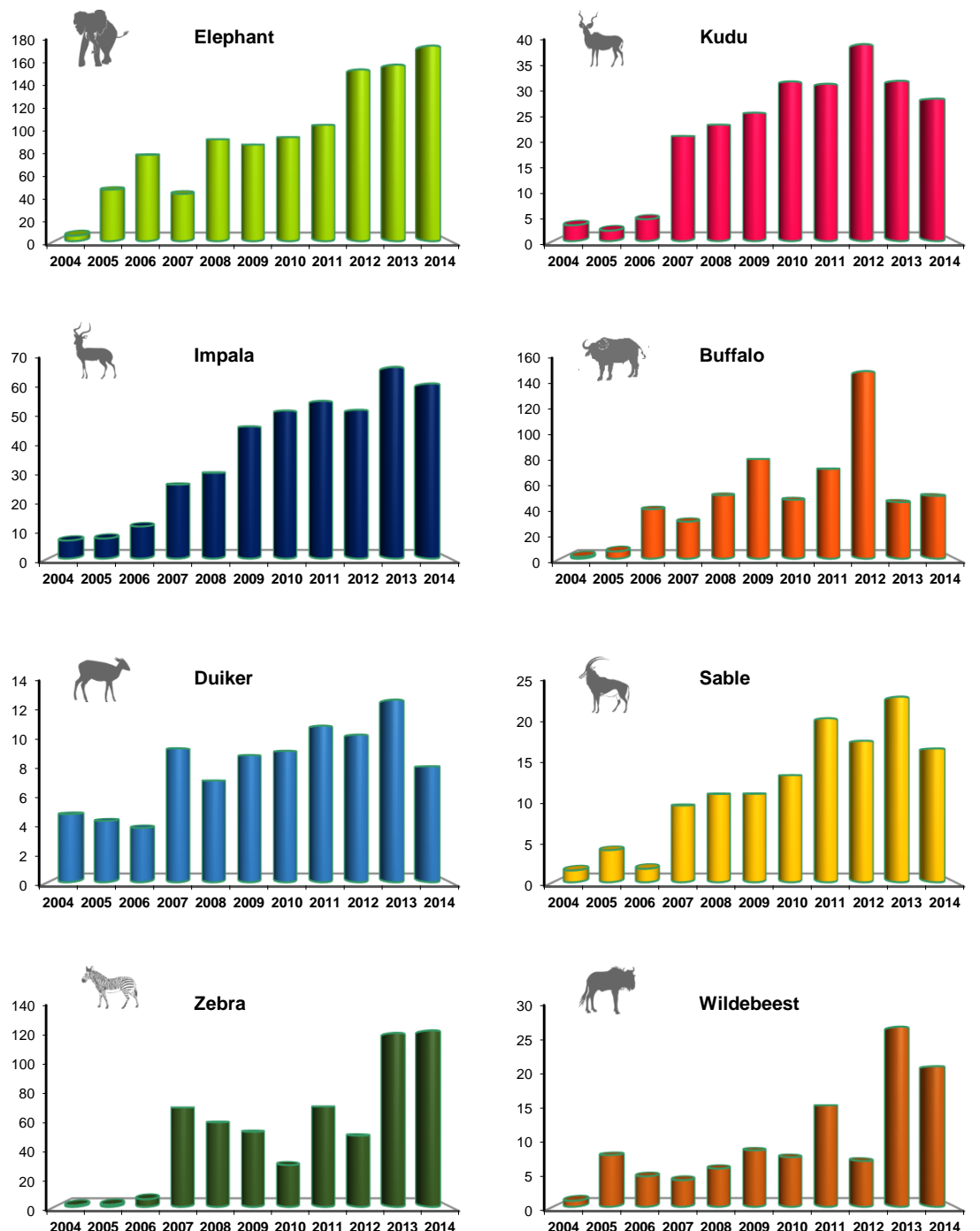
Numbers seen by habitat

Species	Riverine zone with floodplain grassland	Woodland < 8km from the river	Woodland > 8km from the river	Eastern floodplain and grassland
Baboon	61	219	71	0
Buffalo	435	754	122	0
Bushbuck	10	1	0	0
Bushpig	0	0	4	0
Crocodile	5	3	0	0
Duiker	10	57	143	1
Eland	8	4	65	0
Elephant	741	1290	2517	0
Giraffe	13	21	47	0
Hippo	37	8	0	0
Hyaena	0	0	0	0
Impala	877	478	239	1
Jackal BB	0	2	1	0
Kudu	159	253	327	7
Lechwe	267	33	20	0
Leopard	0	0	0	0
Lion	1	1	1	0
Ostrich	0	1	2	0
Reedbuck	66	6	1	0
Roan	21	37	197	0
Sable	44	124	266	0
Steenbok	1	9	27	0
Tsessebe	28	20	29	0
V. Monkey	36	18	0	0
Warthog	88	101	172	4
Wild dog	4	3	0	0
Wildebeest	9	64	363	111
Zebra	68	224	1090	1817

Numbers seen - 2014 vs 2013

Species	Animals		Groups	
	2013	2014	2013	2014
Baboon	102	325	9	16
Buffalo	1158	1311	78	49
Bushbuck	10	11	7	8
Bushpig	2	4	1	4
Crocodile	11	8	8	7
Duiker	325	211	309	194
Eland	34	77	7	12
Elephant	4038	4554	275	258
Giraffe	71	81	27	26
Hippo	41	45	13	11
Hyaena	9	0	5	0
Impala	1713	1595	152	154
Jackal BB	2	3	2	3
Kudu	816	739	224	179
Lechwe	224	320	18	22
Leopard	1	0	1	0
Lion	3	3	2	3
Ostrich	27	3	9	2
Reedbuck	86	73	17	15
Roan	336	255	84	59
Sable	590	434	90	73
Steenbok	51	37	50	32
Tsessebe	98	77	25	16
V. Monkey	94	54	15	9
Warthog	282	365	113	142
Wild dog	26	7	2	2
Wildebeest	687	547	23	29
Zebra	3095	3199	69	83

Trends - Numbers per 100km



Trends were calculated using both dry season and wet season counts for years prior to 2007, and only dry season counts were used from 2007 onwards. Great care should be taken when interpreting the charts prior to, and after 2007 as, in addition to the count season changing, the number of transects increased and their spatial distribution expanded at this time.