

APPENDIX II

COMPARABLE ESTIMATES FROM EASTERN AND SOUTHERN AFRICA

Eastern Africa	SURVEY ZONE	YEAR	METH.	EST.	95% CL
Kenya	Amboseli	2002	IR1	1,100	
		2005	IR1	1,417	
	Tsavo	2002	AT3	8,344	
		2005	AT3	9,021	
	Tsavo (Outside)	2002	AT3	877	
		2005	AT3	1,335	
Tanzania	Selous	2002	AS3	65,811	± 15,281
		2006	AS3	70,406	± 24,843
	Serengeti	2000	AT3	1,631	
		2006	AT3	1,560	
	Rukwa	2002	AS3	263	± 339
		2006	AS2	1,200	± 902
	Ruaha-Rungwa	2002	AS3	24,103	± 5,869
		2006	AS2	35,409	± 11,507
	Mkomazi	2002	AT3	63	
		2005	AT3	41	
	Katavi-Rukwa (Outside)	2002	AS3	591	± 804
		2006	AS2	915	± 606
	Katavi	2002	AS3	4,897	± 4,465
		2006	AS2	4,102	± 1,615
	Ugalla River	1999	AS3	1,911	± 1,313
2006		AS3	4,133	± 1,778	
Totals for Eastern African sites:		2002		109,591	± 17,040
		2006		129,539	± 27,505
Total difference for Eastern African sites:		3.99		19,948	± 32,356 NS

No rates of change calculated for Eastern Africa for lack of a significant result

Percentage of regional DEFINITE plus PROBABLE estimate accounted for by comparable estimates: 77.79%

Southern Africa	SURVEY ZONE	YEAR	METH.	EST.	95% CL
Botswana	Northern Botswana	1999	AS2	120,604	± 21,237
		2006	AS3	153,620	± 20,818
Mozambique	Niassa	2002	AS2	13,061	± 2,433
		2004	AS2	12,477	± 2,111
	Magoé	2001	AS2	1,264	± 1,359
		2003	AS2	1,628	± 794
Namibia	Khaudom/Nyae-Nyae	2000	AS2	1,966	± 973
		2004	AS1	4,754	± 2,339
	Etosha	2002	AS1	2,417	± 663
		2004	AS1	2,057	± 598
	Caprivi	1998	AS2	4,576	± 1,223
		2004	AS2	8,725	± 2,206
South Africa	Balule	2002	AT3	80	
		2006	AT3	457	

* statistically significant difference

NS not significant

South Africa

Marakele	2002	AT3	121		
	2005	IR1	110		
Makuya	2002	AT2	27		
	2006	AT2	54		
Makalali	2002	GT1	59		
	2005	GT1	72		
Madikwe	2002	AT3	318		
	2005	AT3	455		
Kruger	2002	AT2	10,459		
	2006	AT2	12,427		
Knysna	2002	IR1	4		
	2005	IR1	4		
Klaserie	2002	AT2	467		
	2006	AT2	569		
Greater St Lucia	2002	AT3	31		
	2005	AT3	45		
Atherstone	2002	AT3	32		
	2005	AT3	60		
Addo Elephant	2002	IR1	337		
	2005	IR1	459		
Phalaborwa	2002	AT2	23		
	2006	AT2	77		
Pilanesberg	2002	AT3	142		
	2005	AT3	140		
Itala	2002	GT1	61		
	2005	GT1	84		
Venetia-Limpopo	2002	AT3	59		
	2005	AT3	61		
Mkuzi	2002	IR1	28		
	2005	IR1	37		
Welgevonden	2002	AT3	67		
	2005	AT3	100		
Umbabat	2002	AT2	88		
	2006	AT2	163		
Timbavati	2002	AT2	372		
	2006	AT2	712		
Tembe	2002	AT3	140		
	2005	IR1	167		
Selati	2002	GT1	56		
	2005	GT1	85		
Sabie Sands	2002	AT2	757		
	2006	AT2	857		
Pongola	2002	IR1	33		
	2005	IR1	55		
Swaziland	Mkhaya	2002	IR1	19	
		2005	IR1	15	
Hlane	2002	IR1	20		
	2005	IR1	13		
Zambia	Mukungule	2001	AS3	156	± 112
		2003	AS2	156	± 119
Mulobezi	1997	AS2	0		
	2004	AS2	55	± 96	

* statistically significant difference

NS not significant

Zambia	Sioma Ngwezi	1996	AT3	250		0
		2005	AS2	385	±	371
	Sichifulo	1997	AS2	374	±	686
		2004	AS2	0		
	Rufunsa	1996	AS3	0		
		2003	AS2	0		
	Chanjuzi	2001	AS3	114	±	214
		2004	AS3	65	±	81
	Lunga-Luswishi	1997	AS2	0		
		2004	AS2	195	±	169
	Lukusuzi	1994	AS2	110	±	190
		2005	AS1	0		0
	Luawata	2001	AS3	189	±	274
		2003	AS2	968	±	652
	Lower Zambezi	1996	AS2	232	±	457
		2003	AS2	1,477	±	744
	Kasonso-Busanga	1997	AS2	0		
		2004	AS2	401	±	378
	Chiawa	1996	AS2	48	±	102
		2003	AS2	45	±	53
North Luangwa	2001	AS3	3,750	±	1,076	
	2003	AS3	3,235	±	695	
Zimbabwe	Sijarira	2001	AS2	33	±	33
		2006	AS2	488	±	333
	Save Valley	2001	AS1	535	±	318
		2003	AS1	527	±	310
	North Gokwe	2001	AS2	791	±	621
		2006	AS2	192	±	172
	Matusadona	2001	AS2	1,716	±	603
		2006	AS2	1,925	±	443
	Kariba	2001	AS2	2,373	±	802
		2006	AS2	3,715	±	1,033
	Chizarira	2001	AS2	5,011	±	1,171
		2006	AS1	3,071	±	1,117
	Chete	2001	AS2	1,219	±	542
		2006	AS2	971	±	310
	Zambezi Valley	2001	AS2	19,297	±	2,493
		2003	AS2	19,981	±	2,392
	Binga	2001	AS2	836	±	385
		2006	AS2	431	±	373
	Chirisa	2001	AS2	1,977	±	1,091
		2006	AS2	4,231	±	1,260
Totals for Southern African sites:		2002		196,699	±	21,780
		2005		243,053	±	21,477
Total difference for Southern African sites:		5.56		46,354	±	30,588 *

Average annual rate of increase for Southern African sites: 3.88% (CI 1.06% to 6.39%)

Percentage of regional DEFINITE plus PROBABLE estimate accounted for by comparable estimates: 75.74%

* statistically significant difference
NS not significant

Summary for Southern and Eastern African sites combined

	MEDIAN YEAR	ESTIMATE	95% CL
Totals for all sites listed	2002	306,290 ± 27,654	
	2005	372,592 ± 34,897	
Total difference for sites listed	4.99	66,302 ± 44,525 *	

Average annual rate of increase for all sites: 4.00% (CI 1.14% to 6.58%)

Percentage of continental DEFINITE plus PROBABLE estimate accounted for by comparable estimates: 67.14%

* statistically significant difference
 NS not significant