

Annex F

Biophysical Baseline Data

- Water Abstraction Data
- Water Quality Data
- Biodiversity Species Lists

Table F1.1 *Zambian Side*

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
Buleyamalima Cooperative	Sinazongwe	Buleyamalima	Lake Kariba		73.6	Irrigation	-17.1245	27.54056
Blue Water Fisheries	Sinazongwe	Buleyamalima	Lake Kariba	N/A	0	Crocodile Farming	-17.131222	27.54536
Crochide	Sinazongwe	Sinazongwe	Lake Kariba	21	0	Domestic/ Crocodile Farming	- 17.1646111	27.531078
Zambeef	Sinazongwe	Sinazongwe	Lake Kariba	86400	2000	Irrigation	-17.22533	27.463139
Lwiimbo Lwa Zambezi Safris Limited	Sinazongwe	Siansowa	Lake Kariba	10	0	Domestic	-17.45036	27.38158
Maaze Holdings	Sinazongwe	Siansowa	Lake Kariba	80	0	Domestic	-17.45069	27.38681
Zongwe Farming Enterprises	Sinazongwe	Siansowa	Lake Kariba	3500	0	Crocodile Farming	-17.45303	27.38158
Siatwinda Irrigation Scheme	Sinazongwe	Siatwiinda	Lake Kariba	0	69	Irrigation	-17.43933	27.31672
Luchinze Crocodiles	Maamba	Lunchinze	Lake Kariba	200	0	Crocodile Farming	-17.34756	27.400972
Lakar Fishing Limited	Maamba	Sialwala	Lake Kariba	0.5	0	Kapenta Fisheries	-17.28597	27.41256
Maamba Collieries	Maamba	Sialwala	Lake Kariba	6000	0	Domestic/ Mining	-17.28564	27.411667
Adria F. C	Chipepo	Chipepo	Lake Kariba	0.04	0	Domestic	-16.79458	27.88252
Chipepo High School	Chipepo	Chipepo	Lake Kariba	721	0	Domestic	-16.80136	27.872417
Southern Water & Sewerage-L/Stone	Livingstone	Livingstone	Zambezi River	0.5	0	Domestic	-17.88519	25.840139
Sun International (Z) Ltd	Livingstone	Livingstone	Zambezi River		0	Domestic	- 17.9132941	25.86153

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
Zesco (Victoria Falls Power Station)	Livingstone	Livingstone	Zambezi River	610	0	Domestic/ Power generation	-17.932941	25.86153
SWASCO (Kazungula)	Kazungula	Kazungula	Zambezi River		0	Domestic	-17.78922	25.26683
Mambova Investments	Kazungula	Mambova	Zambezi River	4	0	Domestic	-17.74886	25.18844
Mililo Mr	Kazungula	Kazungula	Zambezi River	1	0.5	Irrigation	-17.79486	25.27375
Next Trading Pty Ltd	Kazungula	Kazungula	Zambezi River	1	0	Domestic	-17.79817	25.28031
Katombora Reformatory School	Kazungula	Kazungula Road	Zambezi River	174	1.25	Domestic/ Irrigation	-17.83594	25.40583
Royal Chuundu	Kazungula	Kazungula Road	Zambezi River	5	0	Domestic	-17.84319	25.41756
Mystique Investments	Kazungula	Kazungula Road	Zambezi River	2.6	0	Domestic	-17.83969	25.45367
Islands of Siankaba	Kazungula	Kazungula Road	Zambezi River		0	Domestic	-17.83347	25.57367
Cool Amarula	Kazungula	Kazungula Road	Zambezi River	12600	440	Irrigation	-17.785	25.57367
Kubu Zambezi	Livingstone	Kazungula Road	Zambezi River	4	0	Domestic	-17.83025	25.64756
Water Berry Lodge	Livingstone	Kazungula Road	Zambezi River	120	0	Domestic/ Fish Farming	-17.83281	25.63547
L/stone Tobacco Farm	Livingstone	Kazungula Road	Zambezi River		60	Irrigation	-17.81756	25.62806
Zambezi Farm (Nkwazi Golfing & Housing Estates)	Livingstone	Kazungula Road	Zambezi River	2	0	Domestic	-17.82589	25.62725
Amoret Farm	Livingstone	Kazungula Road	Zambezi River			No Activity	-17.82975	25.63678
Kayube Estate	Livingstone	Kazungula Road	Zambezi River	500	10	Domestic/ Irrigation	-17.82056	25.65719
Nzou Farming Ltd	Livingstone	Kazungula Road	Zambezi River	2250	45	Irrigation	-17.7975	25.67692
Chundu farm	Livingstone	Kazungula Road	Zambezi River	500	10	Domestic/ Irrigation	-17.80417	25.67667
Chundukwa Adventures	Livingstone	Kazungula Road	Zambezi		0	Domestic/	-17.80917	25.67231

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
	e		River			Irrigation		
Natural Mystic	Livingstone	Kazugula Road	Zambezi River	2	0	Domestic/Irrigation	-17.80619	25.68906
Tongabezi Lodge	Livingstone	Kazugula Road	Zambezi River		0	Domestic/Irrigation	-17.81975	25.70753
River Club	Livingstone	Kazugula Road	Zambezi River	30	0	Domestic/Irrigation	-17.8215	25.70544
Zambezi Nkuku	Livingstone	Kazugula Road	Zambezi River	20	0	Poultry Farming	-17.83597	25.71858
Bindi Meadow Farms	Livingstone	Kazugula Road	Zambezi River	1	300	Irrigation	-17.82792	25.70394
No Name farm	Livingstone	Kazugula Road	Zambezi River		0	Domestic	-17.82375	25.73614
Dicks Land Farm	Livingstone	Kazugula Road	Zambezi River	1	0	Domestic	-17.83452	25.73303
Masilelo Farm	Livingstone	Kazugula Road	Zambezi River		0	Domestic	-17.83633	25.7373469
Thorn Tree	Livingstone	Kazugula Road	Zambezi River		0	Domestic	-17.84331	25.75542
Zambezi Elephant Trails	Livingstone	Kazugula Road	Zambezi River		0	Domestic	-17.83931	25.75567
Suffi & Chuma	Livingstone	Kazugula Road	Zambezi River		0	Domestic	-17.84111	25.77133
Elephant Trails	Livingstone	Livingstone	Zambezi River		0	Domestic	-16.47583	
Mubuyu Christian Academy	Siavonga	Matinangala	Lake Kariba	14	0	Domestic	-16.48369	28.66253
Fisherman's Cove Lodge	Siavonga	Matinangala	Lake Kariba	4	0	Domestic	-16.48561	28.660111
Sandy Beach	Siavonga	Matinangala	Lake Kariba	2	0	Domestic	-16.47875	28.66508
Brayshaw Mr (Baobab Bay)	Siavonga	Matinangala	Lake Kariba	2	0	Domestic	-16.50961	28.67347
Island Fishing Industries	Siavonga	Matinangala	Lake Kariba	3	0	Domestic	-16.51094	28.70278
Siavonga Kapenta Industries	Siavonga	Matinangala	Lake Kariba	3	0	Domestic	-16.51289	28.70308
Deef Six	Siavonga	Matinangala	Lake		0	Domestic	-16.52069	28.701

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
			Kariba					
Kaliolio Crocodile Farm	Siavonga	Matinangala	Lake Kariba	200	0	Crocodile Farm	-16.52772	28.70342
Animal Proteins	Siavonga	Kanyelege	Lake Kariba	40	0	Domestic	-16.52306	28.69347
MacWil	Siavonga	Kanyelege	Lake Kariba	4	0	Domestic	-16.52286	28.70322
Kariba Enterprises	Siavonga	Kanyelege	Lake Kariba		0	Domestic	-16.53261	28.70222
Sumbu Crocodile Ltd	Siavonga	Kanyelege	Lake Kariba	400	0	Crocodile Farm	-16.53658	28.68486
A.M Motors	Siavonga	Kanyelege	Lake Kariba	2	0	Domestic	-16.537	28.68214
Nyaminyami Adventures Trust	Siavonga	Kanyelege	Lake Kariba	2	0	Domestic	-16.53722	28.68203
Tune Enterprises	Siavonga	Kanyelege	Lake Kariba	16	0	Domestic	-16.53125	28.68408
Lake Harvesters Ltd	Siavonga	Kanyelege	Lake Kariba	7	0	Domestic	-16.53172	28.68669
King Kapenta	Siavonga	Kanyelege	Lake Kariba	15	0	Domestic	-16.52661	28.68803
Harvest Help	Siavonga	Kanyelege	Lake Kariba	2	0	Domestic	-16.54178	28.68989
New Hotel Under Construction	Siavonga	Kanyelege	Lake Kariba		0	Domestic	-16.53975	28.68894
Gary Wade Mr.	Siavonga	Kanyelege	Lake Kariba	5	0	Domestic	-16.53642	28.68972
Lake Kariba Inns	Siavonga	Siavonga	Lake Kariba	150	0	Domestic	-16.54211	28.70444
Lake Safari Lodge	Siavonga	Siavonga	Lake Kariba	40	0	Domestic	-16.53506	28.70828
Southern Water and Sewerage Co.- Siavonga	Siavonga	Siavonga	Lake Kariba	135	0	Water Supply	-16.05402	28.71358
Transcontinental (Z) Pty Ltd	Siavonga	Siavonga	Lake Kariba	30	0	Domestic	-16.53744	28.70792
Manchinchi Bay Lodge	Siavonga	Siavonga	Lake Kariba	30	0	Domestic	-16.53653	28.72506
Eagles Rest	Siavonga	Siavonga	Lake	18	0	Domestic	-16.53486	28.72897

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
			Kariba					
Zefa Lodge	Siavonga	Siavonga	Lake Kariba	10	0	Domestic	-16.53492	28.72647
Piete Lieberbugy	Siavonga	Siavonga	Lake Kariba	3	0	Domestic	-16.53494	28.7245
Country Mr	Siavonga	Siavonga	Lake Kariba	3	0	Domestic	-16.53478	28.72447
O'Donnel Mr	Siavonga	Siavonga	Lake Kariba	4	0	Domestic	-16.53472	28.72458
Moonga Petrol	Siavonga	Munyama	Lake Kariba	1	0	Domestic	-16.53044	28.44697
Harvest Help (Munyama)	Siavonga	Munyama	Lake Kariba	10	0	Domestic	-16.53356	28.44617
Musika Farm	Siavonga	Munyama	Lake Kariba	3	1	Irrigation	-16.53367	28.44792
Kasenzi Mr	Siavonga	Munyama	Lake Kariba	5	1	Irrigation	-16.53392	28.44923
Chiboola Lodge	Siavonga	Manchisi	Lake Kariba	4	0	Domestic	-16.50861	28.51678
Robby Mr	Siavonga	Manchisi	Lake Kariba		0	Domestic	-16.50972	28.51806
Lotri Bay Lodge (Dubler Mr)	Siavonga	Manchisi	Lake Kariba	5	0	Domestic	-16.50475	28.53447
Mine Under Development (Munyama)	Siavonga	Munyama	Lake Kariba			Mining	-16.46653	28.52164
Chirundu Farm Bream	Chirundu	Chirundu	Zambezi River	2000	10	Irrigation	-15.99069	28.87708
Bayabaya Farm	Chirundu	Chirundu	Zambezi River		10	Irrigation	-15.93922	29.00103
Wild Tracks	Chirundu	Gunduza	Zambezi River	15	0	Domestic	-15.94086	29.00492
Karageojiadis Andy	Chirundu	Gunduza	Zambezi River	1	0	Domestic	-15.94225	29.00792
Kwalata	Chirundu	Gunduza	Zambezi River	4	0	Domestic	-15.94197	29.00894
Chiawa Lodge	Chiawa	Chilimanga	Zambezi River			Domestic	-15.908	29.03819
Mulders Camp	Chiawa	Chiyata	Zambezi	2	0	Domestic	-15.8044	29.16061

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
			River					
Mvuu Lodge	Chiawa	Lower Zambezi GMA	Zambezi River	2	0	Domestic		
Kayila Lodge	Chiawa	Lower Zambezi GMA	Zambezi River	14	0	Domestic	-15.7897	29.18417
Lusitu Irrigation Scheme	Lusitu	Kabuyu	Zambezi River	2178	26	Irrigation	-16.14256	28.847
Southern Water & Sewarage - Lusitu Sub Centre	Lusitu	Lusitu Sub Centre	Zambezi River			Water Supply	-16.15092	28.84228
Lower Zambezi Irrigation (Teacher)	Lusitu	Chisamu	Zambezi River	800	1.5	Irrigation	-16.18103	28.8325
Luangwa District Council	Luangwa	Luangwa Boma	Zambezi River	480	0	Water Supply		
Yexley Lodge	Luangwa	Amoro Village	Zambezi River	5	0	Domestic	-15.64656	30.28956
RedCliff Zambezi Lodge	Luangwa	Kavalamanja	Zambezi River	10	0	Domestic	-15.64308	30.27558
Butete Bay Lodge	Siavonga	Butete	Lake Kariba	8	0	Domestic	-16.50011	28.58492
Hambayi Mr (Pa Scale)	Siavonga	Gwena	Lake Kariba		0	Domestic	-16.49969	28.609
Dedrick Chris (Kalembula)	Siavonga	Gwena	Lake Kariba	2	0	Domestic	-16.49781	28.61881
Grill Joseph	Siavonga	Gwena	Lake Kariba		0	Domestic	-16.49833	28.61667
Hapunda Mr	Siavonga	Gwena	Lake Kariba		0	Domestic	-16.49944	28.61694
Mackintosh Mr	Siavonga	Gwena	Lake Kariba		0	Domestic	-16.49889	28.62222
Fish Eagle	Siavonga	Matinangala	Lake Kariba	5	0	Domestic	-16.51708	28.70706
Casilli Gillan	Siavonga	Siavonga	Lake Kariba	5	0	Domestic	-16.53558	28.71906
Leisure Bay	Siavonga	Siavonga	Lake Kariba	40	0	Domestic	-16.53939	28.71922
Sobeki Canoe Enterprises	Siavonga	Namomba	Zambezi River	2	0	Domestic	-16.36894	28.84592
New Lodge Under Construction	Siavonga	Namomba	Zambezi	2	0	Domestic	-16.35964	28.8395

Water User Name	Location	Area/Village	Water Resource	Quantity of Water (m ³ /day)	Area Irrigated (ha)	User Category	Southing	Easting
			River					
Masau Camp	Siavonga	Namomba	Zambezi River	2	0	Domestic	-16.35681	28.83761
Musokwe Camp	Siavonga	Namomba	Zambezi River	1	0	Domestic	-16.35589	28.83689
Prise Joshua	Siavonga	Mulopa	Zambezi River	1	0	Domestic	-16.32883	28.82664
Walker Mr	Siavonga	Kariba Store (Manyepa)	Zambezi River	50	6	Irrigation	-16.30847	28.81736
Mubuyu Farm	Siavonga	Kariba Store (Manyepa)	Zambezi River	10	0	Domestic	-16.30114	28.81844
Gunduza Titus	Lusitu	Gunduza	Zambezi River	5	1	Irrigation	-16.20139	28.83561
Nalumbu Farms (Sinyangwe Mr)	Lusitu	Matiyaunga	Zambezi River	50	10	Irrigation	-16.21436	28.83083
Dooks	Lusitu	Matiyaunga	Zambezi River	2	0	Domestic	-16.22742	28.83742
Lodge under construction	Lusitu	Matiyaunga	Zambezi River	0	0	Domestic	-16.24042	28.85222
Dooks Banana plantation	Lusitu	Matiyaunga	Zambezi River		2	Irrigation	-16.23858	28.84358
Southern Water & Sewerage Chirundu	Chirundu	Chirundu	Zambezi River	1628	0	Domestic	-16.03258	28.84539
Machembele Farm	Chirundu	Chirundu	Zambezi River	100	10	Irrigation	-16.02583	28.86353
Kapululila High School	Chirundu	Chirundu	Zambezi River	40	0	Domestic	-15.96278	28.89058
Kapululila Cooperative	Chirundu	Chirundu	Zambezi River		81	Irrigation	-15.95586	28.90594
Chakanaka Investments	Chiawa	Mafungautsi	Zambezi River	3000	165	Irrigation	-15.93189	28.95094
Mafungautsi	Chiawa	Mafungautsi	Zambezi River	8	0	Domestic	-15.93583	28.92281
Kiambi Safaris	Chiawa	Mafungautsi	Zambezi River	NA	0	Domestic	-15.93683	28.92528
Kanyemba Lodge	Chiawa	Mafungautsi	Zambezi River	20	0	Domestic	-15.93767	28.93203

Table F1.2 Zimbabwean Side

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
ZINWA	Victoria Falls	Zambezi River	17496	Industrial	17.8259	25.30162	319990	8028210
ZINWA	Kazungula	Zambezi River	1513	Industrial	17.85506	25.38541	328916	8025111
Safari Lodge	Victoria Falls	Zambezi River	600	Domestic	17.91733	25.81922	374944	8018545
Elephant Hills	Victoria Falls	Zambezi River		Domestic	17.91023	25.83028	376151	8019363
Spencer's Creek	Victoria Falls	Zambezi River	710	Domestic	17.90116	25.82055	375036	8020366
A' Zambezi Hotel	Victoria Falls	Zambezi River	50	Domestic	17.90117	25.8217	375183	8020302
Imbabala Lodge	Kazungula	Zambezi River	1	Domestic	17.81838	25.28448	318176	8029086
Kazungula W.L Safari	Kazungula	Zambezi River	1	Domestic	17.84243	25.32797	322816	8026456
ZINWA	Katombora	Zambezi River	400	Industrial	17.85506	25.38541	328916	8025111
Matetsi Game Reserve	Katombora	Zambezi River	5	Environ	17.86957	25.50198	341285	8023606
Hwange Coilliery Co.	Hwange	Zambezi River	320,841	Industrial	18.08001	26.69286	467495	8000941
ZESA (Hwange)	Hwange	Zambezi River	2,000,000	Industrial	18.074	26.67306	465358	8001588
Sundowner	Hwange	Zambezi River	3	Domestic	18.07617	26.69948	468202	8001361
Olive Beadle Fishing	Hwange	Zambezi River	205,000	Domestic	18.02854	26.79477	478274	8006647
Msuma Fishing Resort	Hwange	Zambezi River	40	Domestic	18.01855	26.82633	481616	8007758
Breamland Lodge	Hwange	Zambezi River	1	Domestic	18.02545	26.80262	479113	8006981
Mlibizi Hotel	Mlibizi	Lake Kariba	650,000	Domestic	17.93902	27.07431	507875	8016560
Mlibizi Zambezi Resort	Mlibizi	Lake Kariba	650,000	Domestic	17.94334	27.07281	507706	8016084
Mubuyu Lodge	Mlibizi	Lake Kariba	40	Domestic	17.93469	27.0752	507967	8017039
Stand 65	Mlibizi	Lake Kariba	5	Domestic	17.93511	27.07442	507881	8016995
Happy Days Stand 64	Mlibizi	Lake Kariba	5	Domestic	17.93492	27.07386	507822	8017018

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Stand 63	Mlibizi	Lake Kariba	5	Domestic	17.93484	27.07413	507853	8017023
Stand 171	Binga	Lake Kariba	2	Domestic	17.58506	27.3584	538043	8055688
Stand 172	Binga	Lake Kariba	2	Domestic	17.58513	27.35847	538037	8055678
Stand 177	Binga	Lake Kariba	2	Domestic	17.58665	27.36074	538273	8055511
Stand 180	Binga	Lake Kariba	5	Domestic	15.58849	27.36171	538376	8055306
Stand 174	Binga	Lake Kariba		Domestic	17.58497	27.35931	538177	8055675
Stand 175	Binga	Lake Kariba	5	Domestic	17.58605	27.35992	538186	8055579
Stand 176	Binga	Lake Kariba	5	Domestic	17.58608	27.36062	538272	8055570
Stand 178	Binga	Lake Kariba	5	Domestic	17.58724	27.36094	538293	8055437
Stand 179	Binga	Lake Kariba	5	Domestic	17.5872	27.36155	538350	8055466
Stand 180	Binga	Lake Kariba	5	Domestic	17.58769	27.36188	538398	8055394
Stand 173	Binga	Lake Kariba	5	Domestic	17.58567	27.35925	538121	8055618
Taita	Binga	Lake Kariba	5	Domestic	17.5887	27.36201	538413	8055285
Plot 415	Binga	Lake Kariba	5	Domestic	17.58152	27.37198	539470	8056077
Plot 416	Binga	Lake Kariba	5	Domestic	17.58045	27.37134	539381	8056154
National Foods	Binga	Lake Kariba	5	Domestic	17.5803	27.37166	539434	8056212
Plot 441	Binga	Lake Kariba	2	Domestic	17.57935	27.37229	539506	8056316
Plot 418	Binga	Lake Kariba	2	Domestic	17.57938	27.37181	539451	8056308
Igloo	Binga	Lake Kariba	1	Domestic	17.57876	27.3717	539442	8056377
The Willows	Binga	Lake Kariba	1	Domestic	17.57823	27.371	539366	8056436
Stand 423	Binga	Lake Kariba	5	Domestic	17.57742	27.37063	539332	8056526
Stand 427	Binga	Lake Kariba	5	Domestic	17.57545	27.37079	539347	8056750

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Stand 443	Binga	Lake Kariba	-	Domestic	17.57433	27.37232	539510	8056867
Stand 447	Binga	Lake Kariba	5	Domestic	17.57327	27.37449	539741	8056985
Stand 451	Binga	Lake Kariba	5	Domestic	17.5711	27.37483	539775	8057224
Stand 428	Binga	Lake Kariba	2	Domestic	17.57067	27.3789	539216	8057278
Stand 400	Binga	Lake Kariba	3		17.57819	27.37231	539507	8056429
Kulizwe Lodge	Binga	Lake Kariba	15		17.58814	27.35802	537981	8055339
Coventry	Binga	Lake Kariba	42	Domestic	17.6012	27.34414	536511	8053900
Sundown vila	Binga	Lake Kariba	5	Domestic	17.60774	27.3524	537387	8053181
Zinwa	Binga	Lake Kariba		Industrial	17.61469	27.33967	536030	8052411
Ambush Alley	Binga	Lake Kariba		Domestic	17.62665	27.32761	534752	8051088
Zambezi Fisheries	Sinamwenda	Lake Kariba	1	Domestic	17.12299	27.86763	592298	8106634
C.E.F (Bartanaï Fisheries)	Sinamwenda	Lake Kariba	2	Domestic	17.1228	27.86759	592290	8106654
Chete Hunting Safaris	Chete	Lake Kariba	4	Domestic	17.34574	27.61634	565484	8082091
Chiobora Fishing Camp	Chibuyu	Lake Kariba	1	Domestic	17.11653	27.87879	593479	8107342
Mujeri Fishing Camp	Chibuyu	Lake Kariba	1	Domestic	17.08773	27.92965	598917	8110500
Chalala Fishing Camp	Chalala	Lake Kariba	4	Domestic	16.839	28.29297	637757	8137805
C.C.F (Gustrady)	Chalala	Lake Kariba	20	Domestic	16.84049	28.28822	637249	8137647
Balanced Foods	Chalala	Lake Kariba	2	Domestic	16.84015	28.28999	637430	8137691
Big Brother Enterp	Chalala	Lake Kariba	0.3	Domestic	16.839	28.28926	637359	8137806
Zambezi Fisheries	Chalala	Lake Kariba	6	Domestic	16.83767	28.28581	636994	8137955
Matemba fisheries	Chalala	Lake Kariba	20	Domestic	16.83738	28.28355	636750	8137991
Angelus Fisheries	Chalala	Lake Kariba	10	Domestic	16.83705	28.28248	636639	8138029

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Deepland	Chalala	Lake Kariba	2	Domestic	16.83854	28.28672	6367090	8137858
Nyami Nyami D. C	Chalala	Lake Kariba	9	Domestic	16.83935	28.30168	638682	8137760
Brooklyn	Chalala	Lake Kariba		Domestic	16.82456	28.3212	640775	8139382
Bumi Hills	Bumi Hills	Lake Kariba	130	Domestic	16.80891	28.34836	643672	8141091
Bumi Hills (Workers' Quarters)	Bumi Hills	Lake Kariba	2	Domestic	16.80852	28.35996	644916	8141129
Kamativi National Service Camp	Mlibizi	Lake Kariba	5	Domestic	17.93333	27.07495	507939	8017188
Stand No. 5	Mlibizi	Lake Kariba	30	Domestic	17.9331	27.07546	507986	8017217
Stand No. 6	Mlibizi	Lake Kariba	50	Domestic	17.93167	27.07523	507966	8017374
Stand No. 4	Mlibizi	Lake Kariba	30	Domestic	17.93192	27.07606	508054	8017347
Stand No. 58	Mlibizi	Lake Kariba	20	Domestic	17.93429	27.07668	508118	8017084
Billy Knox	Mlibizi	Lake Kariba	40	Domestic	17.94243	27.07743	508201	801 6179
Sunover Beach	Mlibizi	Lake Kariba	60	Domestic	17.94361	27.08044	508517	8016051
Equinn	Mlibizi	Lake Kariba	20	Domestic	17.94404	27.08146	508626	8016002
Goba Lodge (Stand 136)	Mlibizi	Lake Kariba	5	Domestic	17.94536	27.08373	508865	8015855
Sinyman (Stand 138)	Mlibizi	Lake Kariba	5	Domestic	17.94599	27.08329	508819	8015787
Barner (Stand 139)	Mlibizi	Lake Kariba	5	Domestic	17.9461	27.0829	508779	8015773
Blume (Stand 140)	Mlibizi	Lake Kariba	5	Domestic	17.94615	27.08293	508779	8015768
Vandenbergh (Stand 167)	Mlibizi	Lake Kariba	5	Domestic	17.95322	27.07988	508457	8014989
Zinwa-(Binga)	Binga	Lake Kariba	734	Domestic	17.61547	27.34575	536637	8055324
Binga Crocodile Farm	Binga	Lake Kariba	2,000	Croc. Farm	17.58579	27.35657	537942	8055702
Binga Rest Camp	Binga	Lake Kariba	15	Domestic	17.58956	27.35955	533154	8055192
Chilila Lodge	Binga	Lake Kariba	42	Domestic	17.60101	27.41275	543800	8053914

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Masumu River Lodge	Binga	Lake Kariba	30	Domestic	17.59158	27.42187	544774	8054954
Sijarira Game Park	Sijarira	Lake Kariba	3	Domestic	17.51192	27.49453	552499	8063747
Chete Game Park	Chete	Lake Kariba	1	Domestic	17.34318	27.62317	566211	8082372
Zinwa	Chirundu	Zambezi River	600	Domestic	16.03966	28.85337	68290	8225792
Chirundu Croc. Co.	Chirundu	Zambezi River		Croc. Farm	16.00194	28.90284	703623	8229920
Rama Fish Farm	Chirundu	Zambezi River		Croc. Farm	16.01634	28.88918	702140	8228337
Jecha Camp	Chirundu	Zambezi River	5	Domestic	16.02713	28.87695	700822	8227154
Tiger Safari Chirundu	Chirundu	Zambezi River	4	Domestic				
Tiger Safari Office	Chirundu	Zambezi River	2	Domestic	16.03736	28.85667	698640	8226039
Oromerod Chirundu	Chirundu	Zambezi River	5	Domestic	16.05021	28.85113	698043	8224626
Ian Stydorm	Chirundu	Zambezi River	4	Domestic	16.05089	28.85264	698200	8224556
Kamugore Lodge	Chirundu	Zambezi River	2	Domestic	16.05088	28.8529	698226	8224550
Chinhoyi Inns	Chirundu	Zambezi River	1	Domestic	16.05113	28.85331	6982270	8224524
Motima Lodge	Chirundu	Zambezi River	1	Domestic	16.05151	28.85379	698316	8224484
Nero Lodge	Chirundu	Zambezi River	2	Domestic	16.05264	28.8543	698362	8224365
Rifa Education Camp	Chirundu	Zambezi River	4	Domestic	16.06988	28.870188	700051	8222428
Mana Pools N. Park	Mana Pools	Zambezi River	45		15.72359	29.36092	753002	8260226
Chikwenya Safaris	Chikwenya	Zambezi River	4.5	Domestic	15.67515	29.57243	775743	8265328
G-Camp	Chikwenya	Zambezi River	4	Domestic	15.64267	29.724	792048	8268720
Shamashanga Safari	Chikwenya	Zambezi River	3	Domestic	15.64252	29.72809	792485	8268724
H-Camp	Chikwenya	Zambezi River	0.5	Domestic	15.61293	29.82244	802655	8271871
Tafika 1 Camp	Chikwenya	Zambezi River	10	Domestic	15.61484	29.85145	805764	8271629

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Tafika 2 Camp	Chikwenya	Zambezi River	0.5	Domestic	15.61547	29.85805	806470	8271544
Kapirinengu	Kapirinengu	Zambezi River	10	Domestic	15.62437	29.9131	812371	8270476
Big Five	Kapirinengu	Zambezi River	10	Domestic	15.6462	29.98759	820333	8267946
Chipfuti Safaris	Kapirinengu	Zambezi River	4	Domestic	15.64551	29.98862	820436	8268031
Kanyemba D.D F	Kanyemba	Zambezi River	10	Domestic	15.6505	30.3728	218334	8267960
Chinembiri Fishing Camp	Kanyemba	Zambezi River	3.5	Domestic	15.65211	30.36694	217712	8267796
Swainsons Safaris	Kanyemba	Zambezi River	0.5	Domestic	15.65739	3034841	215740	8267185
Arijiboar Irrigation	Kanyemba	Zambezi River	10	Domestic	15.66409	30.35826	216797	8266457
Maturi Camp	Kanyemba	Zambezi River	4	Domestic	15.64565	30.39158	220350	8268543
Kanyemba Police Camp	Kanyemba	Zambezi River	10	Domestic	15.64269	30.39764	221003	8268850
Raston Investment	Kanyemba	Zambezi River	5	Domestic	15.64139	30.39987	221232	8269022
Donza Donza Camp	Kanyemba	Zambezi River	1	Domestic	15.64043	30.40146	221409	8269138
Bruster Fishing Camp	Kanyemba	Zambezi River	20	Domestic	15.63907	30.40367	221636	8269288
Kanyemba Fishing Lodge	Kanyemba	Zambezi River	1	Domestic	15.63407	30.4081	222112	8269845
Kanyemba Zambezi Lodge	Kanyemba	Zambezi River	10	Domestic	15.63244	30.40987	222294	8270027
Tiger Odyssey	Kanyemba	Zambezi River	6	Domestic	15.62974	30.41252	222580	8270313
Gatche Gatche Irrigation Scheme	Gatche Gatche	Lake Kariba	2	Domestic	16.73624	28.93164	705926	8148624
Trek and Hunt Safari	Gatche Gatche	Lake Kariba	3	Domestic	16.73863	28.93592	706391	8148353
Chipungu Safairis	Gatche Gatche	Lake Kariba	15	Domestic	16.73962	28.94182	707019	8148233
UME lake Croc Farm	Ume	Lake Kariba	2100000	Croc. Farm				
UME lake Croc Farm	Ume	Lake Kariba	28000	Domestic	16.8511	28.43076	652460	8136390
Tashinga National Park	Ume	Lake Kariba	5	Domestic	16.81805	28.45206	654724	8140002

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Ume Camp	Ume	Lake Kariba	2	Domestic	16.82688	28.42918	652272	8139043
Umbabala Camp	Ume	Lake Kariba	2	Domestic	16.83224	28.43493	652889	8138449
Tiger Bay Hotel	Ume	Lake Kariba	40	Domestic	16.91344	28.4503	654458	8129447
Bullembe Safaris (Ume Camp)	Ume	Lake Kariba	6	Domestic	16.96097	28.44073	653356	8124228
CWF	Kariba	Lake Kariba	60	Crocodile Farm	16.56893	28.95078	708148	8157122
Charara Estate	Kariba	Lake Kariba	60	172ha	16.56032	28.95531	708656	8168077
NAUZ	Kariba	Lake Kariba	30	Lodges	16.54872	28.95264	708370	8169355
Wild Heritage	Kariba	Lake Kariba	30	Lodges	16.56021	28.93459	706431	8168102
Ceruti	Kariba	Lake Kariba	30	Lodges	16.5509	28.9498	708063	8169117
Lamb's Lay	Kariba	Lake Kariba	10	Lodges	16.55208	28.94885	707974	8169005
Vundu Vay	Kariba	Lake Kariba	10	Lodges	16.55367	28.94721	707790	8168812
James Hilsgome	Kariba	Lake Kariba	5	Lodges	16.55367	28.94701	707757	8168812
Dawn View	Kariba	Lake Kariba	10	Lodges	16.55315	28.94752	707824	8168869
Trish Corks	Kariba	Lake Kariba	5	Res	16.55399	28.94644	707706	8168772
Hanga	Kariba	Lake Kariba	5	Lodges	16.55449	28.94622	707681	8168720
Detroit	Kariba	Lake Kariba	5	Lodges	16.55423	28.94585	707636	8168746
Dundly & Una	Kariba	Lake Kariba	5	Res	16.55453	28.94536	707587	8168718
Loury & Merle	Kariba	Lake Kariba	5	Res	16.55497	28.94545	707597	8168675
Avaolon	Kariba	Lake Kariba	10	Lodges	16.55544	28.94465	707528	8168584
Victor 4	Kariba	Lake Kariba	10	Lodges	16.55548	28.94432	707481	8168613
Ton Laundram	Kariba	Lake Kariba	1	Lodges	16.55604	28.94362	707406	8168558
Nzou Lodges	Kariba	Lake Kariba	8	Lodges	16.55617	28.94034	707042	8168541
Old Hararians	Kariba	Lake Kariba	30	Lodges	16.55671	28.94166	707194	8168479

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Carribea Bay	Kariba	Lake Kariba	256	Hotel	16.53416	28.79952	692040	8171122
Nyanyana	Kariba	Lake Kariba	15	Parks	16.54678	28.87937	700549	8169650
Lake Croc	Kariba	Lake Kariba	1085	Crc Farm	16.54721	28.87354	699930	8169603
Zinwa	Kariba	Lake Kariba	15	Domestic	16.53893	28.86623	699157	8170527
Bream Farm	Kariba	Lake Kariba	432	Fish Farm	16.53011	28.86.67	698582	8171500
Lake Harvest	Kariba	Lake Kariba	48	Fish Farm	16.52499	28.85511	697982	8172077
UZLKRS	Kariba	Lake Kariba	5	UZ	16.52509	28.84106	696478	8172082
Lomagundi	Kariba	Lake Kariba	30	Lodges	16.52534	28.83735	696094	8172056
Cutty Sark	Kariba	Lake Kariba	30	Hotel	16.53394	28.81848	694060	8171125
Breazes	Kariba	Lake Kariba	30	Hotel	16.53251	28.81567	693772	8171280
Municipality	Breazes	Lake Kariba	12500	Domestic	16.53636	28.81124	693287	8170875
Municipality	Zambezi	Lake Kariba	11000	Domestic	16.53136	28.75743	687555	8171471
Sanyati	Kariba	Lake Kariba	60	Lodges	16.81728	28.76779	688380	8139812
Spurwing	Kariba	Lake Kariba	80	Hotel	16.72741	28.69291	680482	8149834
Forthergill	Kariba	Lake Kariba	20	Hotel	16.70215	28.66635	677670	8152650
Eagles View	Binga	Lake Kariba	-		17.59027	27.386321	538538	8055108
Stand Under development	Binga	Lake Kariba			17.57132	27.37752	540062	8057192
Stand Under development	Binga	Lake Kariba			17.57337	27.37569	539867	8056978
Jonathan Brighton	Binga	Lake Kariba			17.58819	27.37044	539296	8055339
Stand 399 Under dev.	Binga	Lake Kariba			17.58833	27.36943	539202	8055320
Bay Lodge	Binga	Lake Kariba			17.59258	27.35382	537541	8054854
Croc Farm	Binga	Lake Kariba	nf		17.5924	27.35359	537516	8054875

Water User Name	Location	Source	m3/day	Category	Southing	Easting	X	Y
Nyati Fisheries	Chalala	Lake Kariba	nf	Domestic	16.83866	28.28992	637428	8137845
D.D.F (Filling Station)	Chalala	Lake Kariba			16.83755	28.28461	636864	8137967
Bumi Enterprises	Chalala	Lake Kariba	nf	Domestic	16.8376	28.28095	636480	8137975
Njovana	Chalala	Lake Kariba	nf	Domestic	16.83651	28.27959	636308	8138090
D.D.F Rest Camp	Bumi Hills	Lake Kariba	nf	Domestic	16.81063	28.34304	643115	8140910
Mr. Gift (Under Deve.)	Mlibizi	Lake Kariba		Domestic	17.94297	27.07831	508294	8016122
Zinwa	Mlibizi	Lake Kariba	nf	Industrial	17.94326	27.08887	509411	8016090
Proposed Irrigation Scheme).	Mlibizi	Lake Kariba			17.96289	27.09398	509938	8013915
Zambezi Primary Sch	Zambezi Mission	Lake Kariba	10 nf		17.88034	27.16868	517867	8023050
Ben Downs	Chirundu	Zambezi River	Borehole		16.05175	28.85426	698366	8224460
John Gibson (Under dev.)	Kanyemba	Zambezi River			15.63637	30.4059	221878	8269585
Msampakaruma F. Camp	Ume	Lake Kariba	na	Domestic	16.8442	28.40712	649918	8137145

Table F2.1 Summary of Water Quality Monitoring Data, 1997/98 (ZRA, 1998)

Parameter	Zambezi River at Batoka HES Site					
	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98
Flow (m ³ /s) [1]	183	152	157	231	579	1,052
pH	7.41	8.48	7.3	6.9	6.7	6.9
Cond (µS/cm)	109	103	80	89	79	55
BOD (mg/l)	9.8	83.5	20.2	45.7	10.1	10.2
Turb NTU	4.7	2.4	4.8	3.9	5.3	13.0
TDS (mg/l)	50	55	50	45	40	30
PO ₄ (µg/l)	1.5	1.1	2.1	2.3	2.1	3.4
NO ₃ (µg/l)	18.3	17.1	17.8	15.3	3.3	12.2
TN (µg/l)	-	1474	2115	800	229	761
Cu (mg/l)	nd	nd	Nd	nd	-	-
Ni (mg/l)	nd	nd	Nd	nd	-	-
Pb (mg/l)	nd	0.12	0.15	nd	-	-
Zn (mg/l)	nd	nd	Nd	nd	-	-
Mn (mg/l)	nd	nd	Nd	nd	-	-
Mg (mg/l)	5.4	5.9	5.5	3.8	-	-
Ca (mg/l)	10.9	9.6	9.8	14.2	-	-
Fe (mg/l)	0.1	0.01	0.1	nd	-	-
K (mg/l)	1.5	1.5	1.9	1.6	-	-
Na (mg/l)	2.2	1.9	1.8	2.4	-	-
Cd (mg/l)	nd	nd	Nd	nd	-	-
Cr (mg/l)	nd	0.03	Nd	nd	-	-
Hg (mg/l)	nd		Nd	nd	-	-
SO ₄ (mg/l)	-	103.0	14.7	-	-	-
Total coliforms (MPN/100ml)	1100+	1100+	80	1100	122	75

Data source: Batoka Gorge HES Feasibility Report – Further EIA Studies, ZRA (Civil Consult (Pvt) Ltd and Soils Incorporated (Pvt) Ltd, May 1998)

nd - not detected

[1] Average daily flow taken from ZRA gauging record at Victoria Falls on date of sampling.

Table F2.2 Summary of Water Quality Monitoring Data, 1997/98 (ZRA, 1998)

Parameter	Zambezi River at A'Zambezi River Lodge (u/s Victoria Falls)						Zambezi River at Rapid 11 (d/s Victoria Falls)					
	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98
Flow (m3/s) [1]	183	152	157	231	579	1,052	183	152	157	231	579	1,052
pH	7.36	7.88	7.1	7.2	6.7	6.8	7.23	-	7.3	7.1	6.7	6.9
Cond (µS/cm)	93	102	91	86	75	55	94	103	82	83	84	55
BOD (mg/l)	20.1	58.5	20.2	20.3	20.3	20.3	40.5	58.5	20.2	25.4	40.8	20.3
Turb NTU	3.9	2.7	4.3	2.8	5.3	8.0	3.8	2.6	5.0	4.3	7.0	10.0
TDS (mg/l)	50	50	45	40	40	30	50	70	50	45	50	30
PO ₄ (µg/l)	1.2	1.9	2.1	1.4	2.5	3.6	2.4	1.3	2.3	2.1	2.5	4.2
TP (µg/l)		11.5	14.9	14.7	8.9	24.2		17.8	13.5	17.2	22.1	29.9
NO ₃ (µg/l)	4.2	3.5	7.1	5.4	5.2	4.4	9.0	8.4	10.4	12.6	6.2	8.6
TN (µg/l)		1543	2780	460	446	774		1536	2206	363	485	649
Cu (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
Ni (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
Pb (mg/l)	0.2	0.06	0.09	0.03	-	-	0.03	0.12	0.23	nd	-	-
Zn (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
Mn (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
Mg (mg/l)	5.6	6.0	6.9	1.2	-	-	5.6	8.5	6.7	3.6	-	-
Ca (mg/l)	11.0	10.8	11.1	8.2	-	-	11.4	13.3	9.9	12.6	-	-
Fe (mg/l)	0.1	0.01	0.1	nd	-	-	0.1	0.01	0.1	nd	-	-
K (mg/l)	1.4	1.5	2.0	0.7	-	-	1.4	1.4	1.9	1.5	-	-
Na (mg/l)	2.2	1.8	2.2	0.7	-	-	1.9	2.0	1.9	2.2	-	-
Cd (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
Cr (mg/l)	nd	0.02	nd	nd	-	-	nd	0.05	nd	nd	-	-
Hg (mg/l)	nd	nd	nd	nd	-	-	nd	nd	nd	nd	-	-
SO ₄ (mg/l)	-	34.5	24.6	-	-	-	-	75.0	24.6	-	-	-
Total coliforms (MPN/100ml)	460	350	60	250	54	460	>1100	>1100	250	>1100	93	>1100
Data source: Batoka Gorge HES Feasibility Report – Further EIA Studies (Civil Consult (Pvt) Ltd and Soils Incorporated (Pvt) Ltd, May 1998)												
nd - not detected												
[1] Average daily flow taken from ZRA gauging record at Victoria Falls on date of sampling.												

Table F2.3 Summary of Water Quality Monitoring Data, 2003/04 (ZRA, 2005)

Parameter	Zambezi River at Big Tree, u/s Victoria Falls			
	July 2003	October 2003	February 2004	May 2004
Flow (m ³ /s) [2]	1,100	231	905	3,534
T (°C)	19.9	26.4	28.3	20.2
pH	7.63	6.93	7.5	6.4
TSS (mg/l)	3	<0.5	8.62	5.23
Cond. (µS/cm)	82	117	86.6	36
Alkal. (mg/l)	36.4	50.43	43.7	8.99
<i>Major elements:</i>				
Cl ⁻ (mg/l)	1.04	6.35	1.82	0.63
NO ₃ ⁻ (mg/l)	<dl	0.05	< dl	< dl
SO ₄ ⁻⁻ (mg/l)	6.61	31.64	2.43	0.27
K (mg/l)	0.65	1.13	1.9	0.44
Na (mg/l)	2.37	3.29	3.3	1.73
Ca (mg/l)	8.45	9.59	13.6	3.68
Mg (mg/l)	2.82	3.53	17.2	6.25
Al (µg/l)	0.42	0.52	399	49.55
Si (mg/l)	23.37	6.7	8.5	3.44
<i>Trace elements:</i>				
As (µg/l)	0.332	0.381	0.87	0.4
Cd (µg/l)	0.0009	0.093	0.003	0.001
Co (µg/l)	0.137	0.123	0.48	0.12
Cr (µg/l)	0.451	0.594	1.35	0.41
Cu (µg/l)	0.212	0.263	2.38	0.58
Fe (µg/l)	268	180	108	262
Mn (µg/l)	10.8	29.1	24.89	5.64
Ni (µg/l)	0.353	0.696	1.32	0.2
Pb (µg/l)	0.076	0.0527	0.32	0.1
Ti (µg/l)	11.3	8.24	83.76	17.88
V (µg/l)	0.6	0.49	3.96	0.91
Zn (µg/l)	2.76	9.99	4.63	3.19
Hg (µg/l)	0.032	n/a	dl	0.007
<i>Pesticides:</i>				
PCB (µg/L)	-	-	< 0.070	-
2,4-D (µg/L)	-	-	< 0.100	-
DDT (µg/L)	-	-	< 0.022	-
Endosulfan (µg/L)	-	-	< 0.010	-

Glyphosate (µg/L)	-	-	< 0.050	-
Methoxychlor (µg/L)	-	-	< 0.050	-
Aldrin (µg/L)	-	-	< 0.020	-
Dieldrin (µg/L)	-	-	< 0.010	-
Endrin (µg/L)	-	-	< 0.010	-
Heptachlor (µg/L)	-	-	< 0.010	-

Data source: Pollution Monitoring and Management on the Zambezi River, ZRA and FFEM/AFD Technical Report: Water Quality Analyses (BRLi, March 2005)

[1] Average monthly flow taken from ZRA gauging record at Victoria Falls (precise sampling date not known).

Table F2.4 Water Quality Monitoring Data for Zambezi River at Big Tree (ZRA, January 2015)

STATION NAME: BIG TREE (VIC FALLS)														
LOCATION														
ELEVATION														
DATE		PARAMETER												
dd/mm/yy	Station ID	Temp, °C	pH	EC, µS/cm	DO, mg/L	TSS, mg/L	TDS, mg/L	Total Alkalinity, mg/L as CaCO3	Turbidity, NTU	Total Phosphorus, µg/l	Ammonia, µg/L NH-N	Ortho P, µg/l	Chlorophyll, µg/L	Cl, mg/L
03/02/10	Vic Falls	29.2	7.33	23	8.14	15	15.41	40.8	23					
17/03/10	Vic Falls	27.7	7.51	52	6.45	21	34.8		27					
24/04/10	Vic Falls	25.7	7.05	36.00	6.31	9.00	24.1	20.3	7.0	40				
28/05/10	Vic Falls	22.1	6.44	36	6.98	7	24.1	19.3	5					
29/06/10	Vic Falls	18.3	6.86	52	8.6	5	34.8	52.4	6	160				
21/08/10	Vic Falls	19.4	7.56	86	7.98	6.00	57.6	49.0	4.35					
27/09/10	Vic Falls	23.3	7.94	100	8.05	3	67.0	51.8	4	176				
26/10/10	Vic Falls	29.7	8.54	109	9.4	4	73.0	55.5	4.25	96				
24/11/10	Vic Falls	28.4	7.88	112	6.22	5	75.0	77.2	5.1	96				
29/12/10	Vic Falls	27.5	8.56	100	12.2	6	67.0	51	5.87	128				
29/01/11	Vic Falls	25.9	7.28	68	6.81	12	45.56	32.2	15	144	46.62			
28/02/11	Vic Falls	25	7.26	47	6.41	8	31.49	24.2	9.44	112	22.09			
22/03/11	Vic Falls	28.1	7.3	36	5.95	7	24.12	19.1	8.09	192	106.2			
30/04/11	Vic Falls	26.1	6.91	36	5.88	8	24.12	20.1	8.4	192	20.85			
21/05/11	Vic Falls	22.1	7.23	35	8.06	5	23.45	23.7	4.06	304	31.57			
29/06/11	Vic Falls	17.5	7.28	52	9.84	6	34.84	29.6	4.64	144	30.66			
16/07/11	Vic Falls	17.3	7.44	63	10.68	6	42.21	39.8	4.96	96	20.43			
30/08/11	Vic Falls	21.8	6.87	87	9.2	2	58.29	57.6	3.31	112	39.81			
29/09/11	Vic Falls	23.3	7.76	97	7.48	5	64.99	59.2	2.68	176	28.44			
28/10/11	Vic Falls	29.5	8.2	106	7.24	5	71.02	60.1	3.2	336	37.91			
29/11/11	Vic Falls	27.3	8.86	100	9.12	6	67	54.8	4.8	480	56.15			
25/12/11	Vic Falls	28.2	7.14	99	7.5	6	66.33	59.1	5.32	20	27.25			
28.01.12	Vic Falls	26.5	6.18	67	6.72	16	44.89	44.5	12	70	187.45			
16.02.12	Vic Falls	28.1	7.5	62	6.62	16	46.5	43	16.3	90	24.77	60	3.8	
29-03-12	Vic Falls	27.4	7.19	38	6.27	7	28.5	88.9	5.1	60	26.42	50		
25-04-12	Vic Falls	24	6.23	75	7.16	11	56.25	30	5.74	30	4.13	10	1	
23-05-12	Vic Falls	22.1	7.22	26	7.02	4	19.5	28.5	3.2	20	9.91	10	<0.1	
30-06-12	Vic Falls	19.1	7.75	41	9.95	5	30.75	51.9	3	40	20.64	10	<0.1	
13.07.12	Vic Falls	18.3	6.11	81	9.68	10	60.75	90.3	3.12	20	18.17	10	0	
28.08.12	Vic Falls	21.8	8.12	69	8.38	4	69.75	63.2	10.3	40	19.98	10	0	
20.09.12	Vic Falls	25.7	8.07	84	9.05	6	63	66.1	5.3	40	40.76	20	0	
18.10.12	Vic Falls	26.1	7.91	96	7.58	4	72	71.5	3.2	40	46.45	20	12.1	
16.11.12	Vic Falls	26.6	7.91	94	8.02	2	70.5	61.4	1.5	50	45.63	20	1.5	
12.12.12	Vic Falls	27.5	7.79	88	7.91	4	66	40.6	5.6	20	28.22	3	10	
18.01.13	Vic Falls	26.9	7.33	64	6.83	15	48	41.4	16.4	30	30.33	10	9	
08.02.13	Vic Falls	27.7	7.24	53	5.84	15	39.75	36.6	18.8	40	31.25	10	10.6	1.28
25.03.13	Vic Falls	27.7	7.54	23	6.18	2	17.25	28.8	1.9	20	30.52	10	<0.1	<0.44
19.04.13	Vic Falls	25.2	7.43	0.19	6.75	2	1.43	33.6	2.1	30	35.44	10	4.6	<0.44
16.05.13	Vic Falls	22.1	6.86	27	7.33	3.5	20.28	29.1	2.3	30	22.22	10	<0.1	<0.44
24.06.13	Vic Falls	18.4	7.28	49	8.65	3.5	36.80	41.9	4.2	20	11	10	4.5	0.35
07/10/2013	Vic Falls	19	7.37	63	9.19	4	47.25	51	5.1	30	33	10	5.3	0.39
30/08/13	Vic Falls	22.1	7.35	74	8.47	3.5	55.5	58.3	5.5	7	6	3	3.8	1.97
28/9/2013	Vic Falls	26.9	7.1	83	8.3	3	62.25	55.4	8.5	8.8	10.91	5	3.8	1.88
26/10/13	Vic Falls	26.7	7.56	82	7.84	3.5	61.5	61.8	2.6	7.7	10.9	3	<0.1	2.12
22/11/13	Vic Falls	27.7	7.85	80	7.78	2.75	60	69.8	3	7	13.6	2	2.3	2.53
16/12/13	Vic Falls	27.9	7.86	98	8.34	5	73.5	56.1	11.2	9.7	15	<2	5.3	2.42
30/01/14	Vic falls	27.6	7.13	6.22	7.15	5.6	46.65	45.4	17.4	12.12	21.8		8.3	1.68
02/12/2014	Vic falls	26.9	6.98	43	6.92	15	<100	37.9	16.9	<4.7	24.3		9.1	1.18
22/03/14	Vic falls	28	6.55	4.3	6.25	13.2	<100	32.5	15.6	<4.7	<15.3		21.8	0.99

Figure F3.1 Quick Reference Guide, Summary of the IUCN 1994 Red List Categories

EX Extinct	A taxon is Extinct when there is no reasonable doubt that the last individual has died.		
EXW Extinct in the Wild	A taxon is Extinct in the wild when it is known only to survive in cultivation, in captivity or as a naturalised population (or populations) well outside the past range. A taxon is presumed extinct in the wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual.		
CR Critically Endangered	A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future.		
EN Endangered	A taxon is Endangered when it is not Critically Endangered but is facing a very high risk of extinction in the wild in the near future.		
VU Vulnerable	A taxon is Vulnerable when it is not Critically Endangered or Endangered but is facing a high risk of extinction in the wild in the medium-term future.		
LR Lower Risk	A taxon is Lower Risk when it has been evaluated, does not satisfy the criteria for any of the categories Critically Endangered, Endangered or Vulnerable. Taxa included in the Lower Risk category are separated into two subcategories:		
LR-nt Lower Risk-Near Threatened	Taxa which do not qualify for Conservation Dependent, but which are close to qualifying for Vulnerable.		
LR-lc Lower Risk-Least Concern	Taxa which do not qualify for Conservation Dependent or Near Threatened.		
DD Data Deficient	A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate.		

Criteria for the Critically Endangered, Endangered and Vulnerable Categories			
	Critically Endangered	Endangered	Vulnerable
A Declining Population Population decline rate at least	80% in 10 years or 3 generations	50% in 10 years or 3 generations	20% in 10 years or 3 generations
	using either or based on a direct observation b an index of abundance appropriate for the taxon c a decline in area of occupancy, extent of occurrence and/or quality of habitat d actual or potential levels of exploitation e the effects of introduced taxa, hybridisation, pathogens, pollutants, competitors or parasites		
B Small Distribution and Decline or Fluctuation Either Extent of Occurrence or Area of Occupancy and two of the following three: 1 either severely fragmented or known to exist at <i>x</i> locations 2 continuing decline at in any of the following:	< 100 km ² < 10 km ² $x \leq 1$ any rate	< 5,000 km ² < 500 km ² $x \leq 5$ any rate	< 20,000 km ² < 2,000 km ² $x \leq 10$ any rate
	a extent of occurrence b area of occupancy c area, extent and/or quality of habitat d number of locations or subpopulations e number of mature individuals		
3 fluctuating in any of the following:	> 1 order of magnitude	> 1 order of magnitude	> 1 order of magnitude
	a extent of occurrence b area of occupancy c number of locations or subpopulations d number of mature individuals		
C Small Population Size and Decline Number of mature individuals and one of the following two: 1 rapid decline rate of at least 2 continuing decline and either a fragmented or b all individuals in a single sub-population	< 250 25% in 3 years or 1 generation any rate all sub-pops < 50	< 2,500 20% in 5 years or 2 generations any rate all sub-pops < 250	< 10,000 10% in 10 years or 3 generations any rate all sub-pops < 1,000
D Very Small or Restricted Either 1 number of mature individuals or 2 population is susceptible	< 50 (not applicable)	< 250 (not applicable)	< 1,000 area of occupancy < 100 km ² or number of locations < 5
E Quantitative analysis Indicating the probability of extinction in the wild to be at least	50% in 10 years or 3 generations	20% in 20 years or 5 generations	10% in 100 years

For more detailed information on the IUCN categories, see the Appendices:

For detailed information on the IUCN 1994 categories, see Appendix 1.
 For detailed information on the IUCN 1994 categories in Portuguese, see Appendix 2.
 For detailed information on the IUCN 2001 categories, see Appendix 3.
 For guidelines on applying the 1994 categories, see Appendix 4.
 For guidelines on applying the 2001 categories at a national level, see Appendix 5.

Table 3.1 Bat Species Potentially Occurring in the Vicinity of the Batoka Gorge

Family / Species	Common Name	Threat. Status	Presence
EMBALLONURIDAE			
<i>Taphozous mauritanus</i>	Mauritian Tomb Bat	LC (unk)	x
HIPPOSIDERIDAE			
<i>Hipposideros caffer</i>	Sundevall's Roundleaf Bat	LC (dec)	Both
<i>Hipposideros vittatus</i>	Striped Leaf-nosed Bat	NT (dec)	x
MOLOSSIDAE			
<i>Otomops martiensseni</i>	Large-eared Giant Mastiff Bat	NT (dec)	x
<i>Tadarida aegyptiaca</i>	Egyptian Free-tailed Bat	LC (unk)	1998
<i>Chaerephon ansorgei</i>	Ansorge's Free-tailed Bat	LC (stable)	x
<i>Chaerephon bivittatus</i>	Spotted Free-tailed Bat	LC (stable)	x
<i>Chaerephon chapini</i>	Pale free-tailed Bat	LC (unk)	x
<i>Mops condylurus</i>	Angolan Free-tailed Bat	LC (unk)	x
<i>Tadarida fulminans</i>	Malagasy Free-tailed Bat	LC (stable)	x
<i>Mops midas</i>	Midas Free-tailed Bat	LC	x
<i>Chaerephon nigeriae</i>	Nigerian Free-tailed Bat	LC (unk)	x
<i>Chaerephon pumilus</i>	Little Free-tailed Bat	LC (unk)	Museum
<i>Tadarida ventralis</i>	African Giant Free-tailed Bat	DD (unk)	~
NYCTERIDAE			
<i>Nycteris hispida</i>	Hairy Slit-faced Bat	LC (sta)	x
<i>Nycteris macrotis</i>	Large-eared Slit-faced Bat	LC (unk)	x
<i>Nycteris thebaica</i>	Egyptian Slit-faced Bat	LC (unk)	Both
<i>Nycteris woodi</i>	Wood's Slit-faced Bat	NT (dec)	~
PTEROPODIDAE			
<i>Epomophorus crypturus</i>	Peters's Epauletted Fruit Bat	LC (unk)	Both
<i>Epomops dobsonii</i>	Dobson's Epauletted Fruit Bat	LC	~
<i>Rousettus aegyptiacus</i>	Egyptian Fruit Bat	LC (stable)	1998
RHINOLOPHIDAE			
<i>Rhinolophus blasii</i>	Blasius's Horseshoe Bat	NT	x
<i>Rhinolophus darlingi</i>	Darling's Horseshoe Bat	LC (unk)	x
<i>Rhinolophus fumigatus</i>	Rüppell's Horseshoe Bat	LC (unk)	x
<i>Rhinolophus hildebrandtii</i>	Hildebrandt's Horseshoe Bat	LC (unk)	1998
<i>Rhinolophus clivosus</i>	Geoffroy's Horseshoe Bat	LC	1998
<i>Rhinolophus landeri</i>	Lander's Horseshoe Bat	LC	x
<i>Rhinolophus swinnyi</i>	Swinny's Horseshoe Bat	NT	x
MINIOPTERIDAE			
<i>Miniopterus natalensis</i>	Natal Long-fingered Bat	LC (unk)	x
VESPERTILIONIDAE			
<i>Eptesicus hottentotus</i>	Long-tailed Serotine Bat	LC (unk)	x
<i>Glauconycteris variegata</i>	Variiegated Butterfly Bat	LC (unk)	Museum
<i>Kerivoula argentata</i>	Damara Woolly Bat	LC (unk)	1998
<i>Kerivoula lanosa</i>	Lesser Woolly Bat	LC (unk)	x
<i>Laephotis botswanae</i>	Botswana Long-eared Bat	LC	x
<i>Nycticeinops schlieffeni</i>	Schlieffen's Twilight Bat	LC (unk)	Museum
<i>Hypsugo anchietae</i>	Anchieta's Pipistrelle	LC (unk)	x
<i>Neoromicia capensis</i>	Cape Serotine Bat	LC (sta)	Both
<i>Neoromicia nana</i>	Banana Bat	LC	Museum
<i>Pipistrellus rusticus</i>	Rusty Pipistrelle	LC (unk)	x
<i>Neoromicia zuluensis</i>	Zulu serotine	LC (unk)	x
<i>Pipistrellus rueppellii</i>	Rüppell's pipistrelle	LC	x
<i>Scotophilus dinganii</i>	Yellow-bellied House Bat	LC (unk)	Museum
<i>Scotophilus leucogaster</i>	White-bellied House Bat	LC (unk)	Museum
<i>Scotophilus viridis</i>	Green House Bat	Not Evaluated	x

Key to Threat. Status population trends: dec = decreasing; unk = unknown

Key to Presence: x = Likely to occur; ~ = Low likelihood of occurrence; Museum =

Confirmed present by Livingstone Museum records; 1998 = Confirmed present from

Family / Species	Common Name	Threat. Status	Presence
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Additional 1998 studies; Both = Confirmed present by both sources.

Table 3.2 *Frog Species Potentially Occurring or Recorded in the Vicinity of the Batoka Gorge*

Species Name	Common Name	Threat. Status	Population Trend	1998 ESIA	Kaizen TFCA
<i>Amietia angolensis</i>	Common River Frog	LC	stable		
<i>Amietophrynus</i> [<i>Bufo</i>] <i>garmani</i>	Olive Toad	LC	unknown	reported	x
<i>Amietophrynus</i> [<i>Bufo</i>] <i>gutturalis</i>	Guttural Toad	LC	increasing	x	x
<i>Amietophrynus</i> [<i>Bufo</i>] <i>lemairii</i>	Yellow Swamp Toad	LC	unknown		x
<i>Amietophrynus</i> [<i>Bufo</i>] <i>maculatus</i>	Flat-back Toad	LC	stable	reported	x
<i>Breviceps adspersus</i>	Common Rain Frog	LC	unknown		x
<i>Breviceps</i> <i>mossambicus</i>	Mozambique Rain Frog	LC	unknown		
<i>Breviceps poweri</i>	Power's Rain Frog	LC	unknown		
<i>Bufo kavangensis</i>	Kavango Pygmy toad	LC	unknown		x
<i>Cacosternum</i> <i>boettgeri</i>	Boettger's Dainty Frog	LC	unknown		x
<i>Chiromantis</i> <i>xerampelina</i>	Grey Foam-nest Treefrog	LC	unknown	x	x
<i>Hemismus guineensis</i>	Guinea Snout-burrower	LC	unknown		x
<i>Hemismus marmoratus</i>	Marbled Snout-burrower	LC	unknown	x	x
<i>Hildebrandtia ornata</i>	African Ornate Frog	LC	unknown		x
<i>Hylarana darlingi</i>	Edible Frog	LC	unknown		x
<i>Hyperolius acuticeps</i>		LC	unknown		
<i>Hyperolius</i> <i>benguellensis</i>		LC	unknown		
<i>Hyperolius</i> <i>marginatus</i>		LC	unknown		x
<i>Hyperolius nasutus</i>	Sharp-snouted Reed Frog	LC	stable	x	x
<i>Hyperolius parallelus</i>		LC	unknown		
<i>Hyperolius</i> <i>rhodesianus</i>		LC	unknown		x
<i>Hyperolius</i> <i>viridiflavus</i> (<i>aposematicus</i>)	Common Reed Frog	LC	unknown		x
<i>Kassina senegalensis</i>	Common Bubbling Kassina	LC	unknown	x	x
<i>Leptopelis bocagii</i>	Bocage's Frog	LC	unknown	x	x
<i>Phrynobatrachus</i> <i>mababiensis</i>	Dwarf Puddle Frog	LC	stable	x	x
<i>Phrynobatrachus</i> <i>natalensis</i>	Natal Dwarf Puddle Frog	LC	stable	reported	x
<i>Phrynomantis</i> <i>bifasciatus</i>	Banded Rubber Frog	LC	unknown	x	x
<i>Poyntonophrynus</i> (<i>Bufo</i>) <i>fenoulheti</i>	Fenoulhet's Pygmy Toad	LC	unknown	x	x
<i>Ptychadena anchietae</i>	Plain Grass Frog	LC	unknown	reported	x
<i>Ptychadena guibei</i>	Guibe's Ridged Frog	LC	unknown	x	x

Species Name	Common Name	Threat Status	Population Trend	1998 ESIA	Kaizen TFCA
<i>Ptychadena mascareniensis</i>	Mascarene Grass Frog	LC	stable		x
<i>Ptychadena mossambica</i>	Mozambique Ridged Frog	LC	unknown	x	x
<i>Ptychadena oxyrhynchus</i>		LC	stable		x
<i>Ptychadena porosissima</i>	Three-striped Ridged Frog	LC	unknown	x	x
<i>Ptychadena subpunctata</i>	Spot-bellied Ridged Frog	LC	unknown	x	x
<i>Pyxicephalus adspersus</i>	African Bullfrog	LC	decreasing		
<i>Pyxicephalus edulis</i>	African (Edible) Bullfrog	LC	unknown		x
<i>Schismaderma carens</i>	African Red Toad	LC	unknown	x	x
<i>Strongylopus fasciatus</i>	Striped Stream Frog	LC	unknown		
<i>Tomopterna cryptotis</i>	Common Sand Frog	LC	stable	x	x
<i>Tomopterna marmorata</i>	Marbled Sand Frog	LC	unknown	reported	x
<i>Xenopus laevis</i>	Common Platanna	LC	increasing	x	x
<i>Xenopus muelleri</i>	Muller's Platanna	LC	unknown	x	x
<i>Xenopus petersii</i>	Peters' Platanna	LC	unknown		x

Table 3.3 Mammal Species Potentially Occurring in the Vicinity of the Batoka Gorge

Order	Species	Common Name	Red List status
CARNIVORA			
	<i>Canis adustus</i>	Side-striped Jackal	LC
	<i>Canis mesomelas</i>	Black-backed Jackal	LC
	<i>Lycaon pictus</i>	African Wild Dog	EN
	<i>Otocyon megalotis</i>	Bat-eared Fox	LC
	<i>Acinonyx jubatus</i>	Cheetah	VU
	<i>Caracal caracal</i>	Caracal	LC
	<i>Felis silvestris</i>	Wild Cat	LC
	<i>Leptailurus serval</i>	Serval	LC
	<i>Panthera leo</i>	African Lion	VU
	<i>Panthera leo</i>	African Lion	VU
	<i>Panthera pardus</i>	Leopard	NT
	<i>Atilax paludinosus</i>	Marsh Mongoose	LC
	<i>Bdeogale crassicauda</i>	Bushy-tailed Mongoose	LC
	<i>Helogale parvula</i>	Dwarf Mongoose	LC
	<i>Herpestes ichneumon</i>	Egyptian Mongoose	LC
	<i>Herpestes sanguineus</i>	Slender Mongoose	LC
	<i>Ichneumia albicauda</i>	White-tailed Mongoose	LC
	<i>Mungos mungo</i>	Banded Mongoose	LC
	<i>Paracynictis selousi</i>	Selous' Mongoose	LC
	<i>Rhynchogale melleri</i>	Meller's Mongoose	LC
	<i>Crocuta crocuta</i>	Spotted Hyaena	LC
	<i>Proteles cristata</i>	Aardwolf	LC
	<i>Aonyx capensis</i>	African Clawless Otter	LC
	<i>Ictonyx striatus</i>	Striped Polecat	LC
	<i>Lutra maculicollis</i>	Spotted-necked Otter	LC
	<i>Mellivora capensis</i>	Honey Badger	LC

Order	Species	Common Name	Red List status
	<i>Poecilogale albinucha</i>	African Striped Weasel	LC
	<i>Civettictis civetta</i>	African Civet	LC
	<i>Genetta genetta</i>	Common Genet	LC
	<i>Genetta maculata</i>	Rusty-spotted Genet	LC
CETARTIODACTYLA			
	<i>Aepyceros melampus</i>	Impala	LC
	<i>Connochaetes taurinus</i>	Blue Wildebeest	LC
	<i>Damaliscus lunatus</i>	Tsessebe	LC
	<i>Hippotragus equinus</i>	Roan Antelope	LC
	<i>Hippotragus niger</i>	Sable Antelope	LC
	<i>Kobus ellipsiprymnus</i>	Waterbuck	LC
	<i>Oreotragus oreotragus</i>	Klipspringer	LC
	<i>Ourebia ourebi</i>	Oribi	LC
	<i>Raphicerus campestris</i>	Steenbok	LC
	<i>Raphicerus sharpei</i>	Sharpe's Grysbok	LC
	<i>Redunca arundinum</i>	Southern Reedbuck	LC
	<i>Sylvicapra grimmia</i>	Common Duiker	LC
	<i>Syncerus caffer</i>	African Buffalo	LC
	<i>Tragelaphus oryx</i>	Common Eland, Eland	LC
	<i>Tragelaphus scriptus</i>	Bushbuck	LC
	<i>Tragelaphus strepsiceros</i>	Greater Kudu	LC
	<i>Giraffa camelopardalis</i>	Giraffe	LC
	<i>Hippopotamus amphibius</i>	Hippopotamus	VU
	<i>Phacochoerus africanus</i>	Common Warthog	LC
	<i>Potamochoerus larvatus</i>	Bushpig	LC
CHIROPTERA			
	<i>Taphozous mauritanus</i>	Mauritian Tomb Bat	LC
	<i>Hipposideros caffer</i>	Sundevall's Roundleaf Bat	LC
	<i>Hipposideros vittatus</i>		NT
	<i>Otomops martiensseni</i>	Large-eared Free-tailed Bat	NT
	<i>Tadarida aegyptiaca</i>	Egyptian Free-tailed Bat	LC
	<i>Tadarida ansorgei</i>	Ansorge's Free-tailed Bat	LC
	<i>Tadarida bivittata</i>	Spotted Free-tailed Bat	LC
	<i>Tadarida chapini</i>	Chapin's Free-tailed Bat	LC
	<i>Tadarida condylura</i>	Angolan Free-tailed Bat	LC
	<i>Tadarida fulminans</i>	Malagasy Free-tailed Bat	LC
	<i>Tadarida nigeriae</i>	Nigerian Free-tailed Bat	LC
	<i>Tadarida pumila</i>	Little Free-tailed Bat	LC
	<i>Tadarida ventralis</i>	African Giant Free-tailed Bat	DD
	<i>Nycteris hispida</i>	Hairy Slit-faced Bat	LC
	<i>Nycteris macrotis</i>	Large-eared Slit-faced Bat	LC
	<i>Nycteris thebaica</i>	Egyptian Slit-faced Bat	LC
	<i>Nycteris woodi</i>	Wood's Slit-faced Bat	LC
	<i>Epomophorus crypturus</i>	Peters's Epauletted Fruit Bat	LC
	<i>Rousettus aegyptiacus</i>	Egyptian Fruit Bat	LC
	<i>Rhinolophus darlingi</i>	Darling's Horseshoe Bat	LC
	<i>Rhinolophus fumigatus</i>	Rüppell's Horseshoe Bat	LC
	<i>Rhinolophus hildebrandti</i>	Hildebrandt's Horseshoe Bat	LC
	<i>Eptesicus hottentotus</i>	Long-tailed House Bat	LC
	<i>Glauconycteris variegata</i>	Butterfly Bat	LC
	<i>Kerivoula argentata</i>	Damara Woolly Bat	LC
	<i>Kerivoula lanosa</i>	Lesser Woolly Bat	LC
	<i>Laephotis wintoni</i>	De Winton's Long-eared Bat	LC
	<i>Miniopterus natalensis</i>	Natal Long-fingered Bat	LC
	<i>Myotis tricolor</i>	Cape Hairy Bat	LC
	<i>Myotis welwitschii</i>	Welwitch's Bat	LC

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	<i>Nycticeinops schlieffeni</i>	Schlieffen's Twilight Bat	LC
	<i>Pipistrellus anchietae</i>	Anchieta's Pipistrelle	LC
	<i>Pipistrellus capensis</i>	Cape Serotine	LC
	<i>Pipistrellus rendalli</i>	Rendall's Serotine	LC
	<i>Pipistrellus rusticus</i>	Rusty Pipistrelle	LC
	<i>Pipistrellus zuluensis</i>		LC
	<i>Scotophilus dinganii</i>	African Yellow Bat	LC
	<i>Scotophilus leucogaster</i>	White-bellied Yellow Bat	LC
EULIPOTYPHLA			
	<i>Atelerix frontalis</i>	Southern African Hedgehog	LC
	<i>Crocidura cyanea</i>	Reddish-gray Musk Shrew	LC
	<i>Crocidura fuscomurina</i>	Tiny Musk Shrew	LC
	<i>Crocidura hirta</i>	Lesser Red Musk Shrew	LC
	<i>Crocidura mariquensis</i>	Swamp Musk Shrew	LC
	<i>Crocidura olivieri</i>	Olivier's Shrew, African Giant Shrew	LC
	<i>Suncus lixus</i>	Greater Dwarf Shrew	LC
HYRACOIDEA and LAGOMORPHA			
	<i>Heterohyrax brucei</i>	Yellow-spotted Hyrax	LC
	<i>Lepus microtis</i>	African Savanna Hare	LC
MACROSCHELIDEA			
	<i>Elephantulus brachyrhynchus</i>	Short-snouted Elephant Shrew	LC
	<i>Elephantulus myurus</i>	Eastern Rock Elephant Shrew	LC
PERISSODACTYLA			
	<i>Equus quagga</i>	Burchell's Zebra	LC
	<i>Ceratotherium simum</i>	White Rhinoceros	NT
	<i>Ceratotherium simum</i>	White Rhinoceros	NT
	<i>Diceros bicornis</i>	Black Rhinoceros	CR
	<i>Diceros bicornis</i>	Black Rhinoceros	CR
PRIMATES			
	<i>Chlorocebus pygerythrus</i>	Vervet	LC
	<i>Papio ursinus</i>	Chacma Baboon	LC
	<i>Galago moholi</i>	Southern Lesser Galago	LC
PROBOSCIDEA			
	<i>Loxodonta africana</i>	African Elephant	VU
RODENTIA			
	<i>Fukomys damarensis</i>	Damara Mole Rat	LC
	<i>Fukomys damarensis</i>	Damara Mole Rat	LC
	<i>Graphiurus microtis</i>	Small-eared Dormouse	LC
	<i>Hystrix africaeaustralis</i>	Cape Porcupine	LC
	<i>Acomys spinosissimus</i>	Spiny Mouse	LC
	<i>Aethomys chrysophilus</i>	Red Rock Rat	LC
	<i>Aethomys namaquensis</i>	Namaqua Rock Rat	LC
	<i>Dasymys incomtus</i>	African Marsh Rat	LC
	<i>Gerbilliscus brantsii</i>	Highveld Gerbil	LC
	<i>Gerbilliscus leucogaster</i>	Bushveld Gerbil	LC
	<i>Gerbilliscus validus</i>	Savanna Gerbil	LC
	<i>Lemniscomys rosalia</i>	Single-striped Grass Mouse	LC
	<i>Mastomys natalensis</i>	Natal Multimammate Mouse	LC
	<i>Mus indutus</i>	Desert Pygmy Mouse	LC
	<i>Mus minutoides</i>	Pygmy Mouse	LC
	<i>Pelomys fallax</i>	Creek Groove-toothed Swamp Rat	LC
	<i>Thallomys paedulus</i>	Acacia Rat	LC
	<i>Cricetomys gambianus</i>	Northern Giant Pouched Rat	LC
	<i>Dendromus melanotis</i>	Gray Glimbing Mouse	LC

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	<i>Dendromus mystacalis</i>	Chestnut Climbing Mouse	LC
	<i>Dendromus nyikae</i>	Nyika Climbing Mouse	LC
	<i>Saccostomus campestris</i>	Pouched Mouse	LC
	<i>Steatomys parvus</i>	Tiny Fat Mouse	LC
	<i>Steatomys pratensis</i>	Fat Mouse	LC
	<i>Pedetes capensis</i>	Springhare	LC
	<i>Paraxerus cepapi</i>	Smith's Bush Squirrel	LC
	<i>Thryonomys gregorianus</i>	Lesser Cane Rat	LC
	<i>Thryonomys swinderianus</i>	Greater Cane Rat	LC
TUBULIDENTATA and PHOLIDOTA			
	<i>Orycteropus afer</i>	Aardvark	LC
	<i>Smutsia temminckii</i>	Temminck's Ground Pangolin	LC