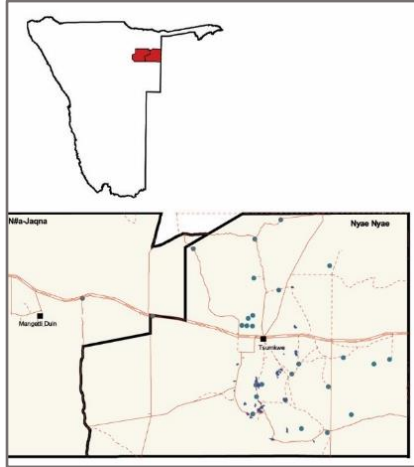


NYAE NYAE & N#A-JAQNA CONSERVANCIES

FULL MOON WATERHOLE COUNTS: 2023

Animals seen during the count



Species	//Aocha	//Xaeche	//Xoucha	Baraka	Boboha	Buffalo 1	Buffalo 2	Buffalo 3	Buffalo 4/Kiewiet	Daus	Djokhoe	G/atoan	G=aing=ooqo	Grenspos	Gura	Kameel Pan	Klein Dobe	N#ama Pan	Nhoma Pan	Nhoma pos 1	Nhoma pos 2	Nyae Khabi	Nyae Nyae	Piering	Renoster Pan	Tebaraku	Tsumkwe	Xinni Xuri	Total
Count Days	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	56
Buffalo						24	2	151	224																				401
Duiker	1									9		1	3												2				17
Eland						104	15	7	5															7	29				167
Elephant	417	230	23	112	40					78	187	55	16	3	286	103	45	3	127	56	86		3		68	73	31	50	2092
Gemsbok										57			2	5		3									36	6			109
Hartebeest	5			32	2					19	1															49			108
Hyaena	3	5			2				1	2	24	2	1	3	3	2		5		2		2	2	2	2	5	1	1	70
Impala				3		12	21	33									20												89
Jackal	9	11	2		3		1			6	4	3	3		3		1						1	2	8	1			62
Kudu	20	48		48		23	21	13	16	50	20	11	90	24		1	17		61	6	6	8	4	6	21	45	6	13	578
Leopard										13		1	3				2		5					4	4	2		1	35
Lion		3																				1				1	3		8
Ostrich	1				1														16				5						23
Roan	72	1		29	23					32	7		11	2	1		27		57		8	1			3	1	11	2	288
Springbok		30																				49	51						130
Steenbok						1				7	1	1				3			1						4	4			22
Warthog	2	14			2					19		3							8	6	24	11	1	3	4	12		1	111
Wild dog									3	6	38			13															60
Wildebeest	261	246			71					13	33				70		3		136			1	10	1	2	4			851
Zebra, Burchell's	41	15													1							13							70

Columns in grey shading are waterholes in N#a-jaqna conservancy, the remainder are in Nyae Nyae. The table excludes incidental sightings: 5 klipspringer, 1 porcupine.

Waterhole estimates

Species	DF	Estimate
Buffalo	1	201
Duiker	4	34
Eland	4	334
Elephant	1.8	1,883
Gemsbok	4	218
Hartebeest	2	108
Hyaena	2	70
Impala	1	45
Jackal	2	62
Kudu	2	578
Leopard	2	35
Lion	2	8
Ostrich	4	46
Roan	1.5	216
Springbok	4	260
Steenbok	4	44
Warthog	2	111
Wild dog	1	30
Wildebeest	1.5	638
Zebra B.	1	35

DF = drinking frequency

Estimates are calculated using the drinking frequency and number of count days as follows:

Species estimate = sum ((waterhole sightings/number of count days) * drinking frequency)

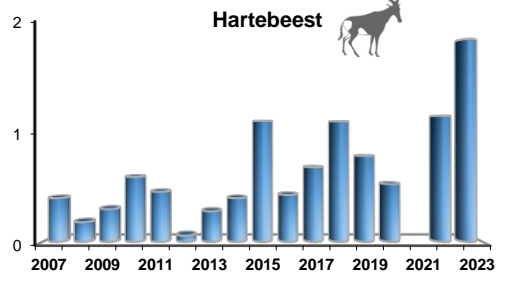
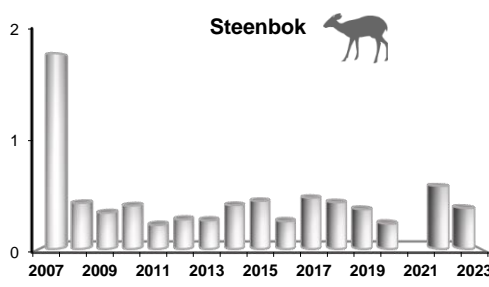
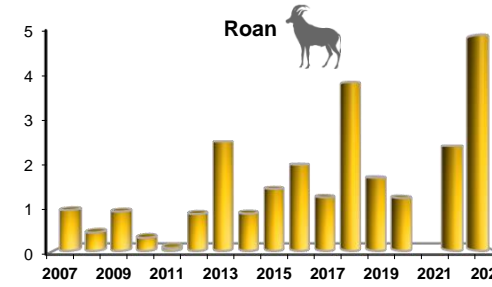
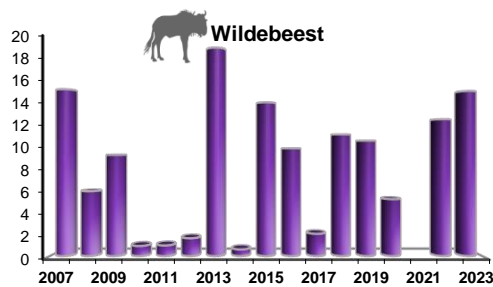
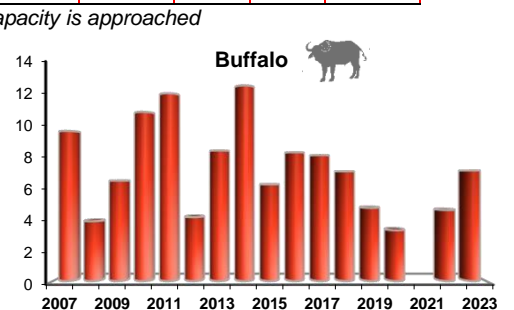
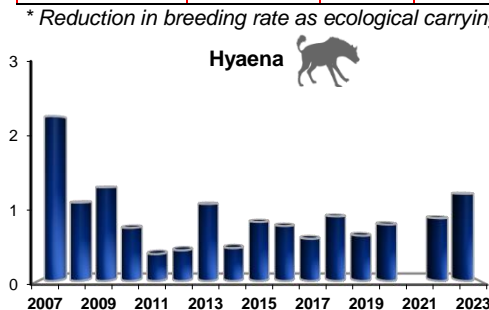
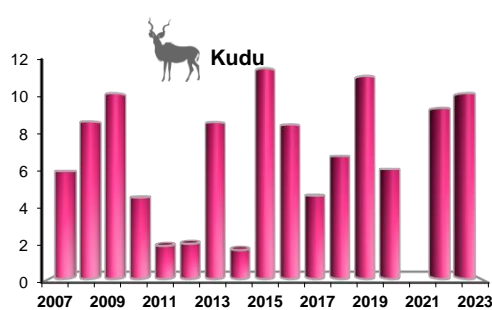
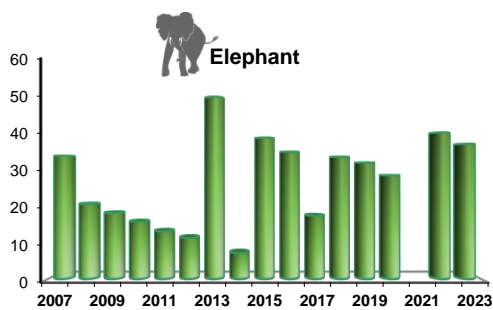


Estimate Summary

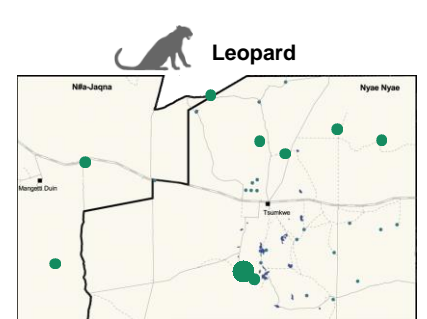
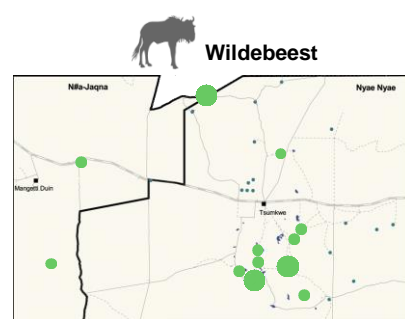
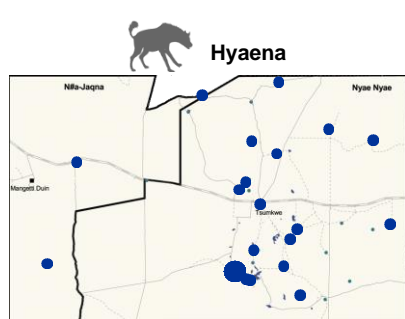
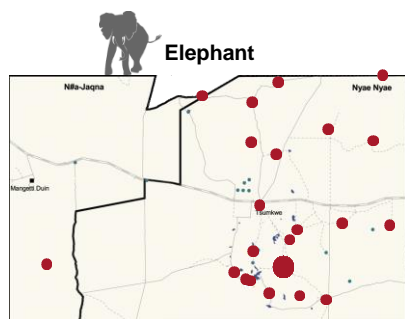
Species	Introduction Years	Introduced	Breeding rate %	Breeding estimate	Line transect estimate	Waterhole estimate	Local estimate	Accepted estimate
Buffalo*	1996	29	15	420		201	380	350
Duiker					2,420	34	2,500	2,000
Eland	2000-2005	269	15	1,200		334	200	250
Elephant					2,856	1,883	2,000	1,500
Gemsbok	1999-2012	379	12	6,300	370	218	1,000	800
Giraffe	2012	10		20			50	25
Hartebeest	1999-2012	542	10	4,800	280	108	400	250
Hyaena						70	150	200
Impala	2023	132				45		50
Jackal						62	200	200
Kudu	2000-2005	360	15	8,900	2,580	578	1,500	1,500
Leopard						35	150	100
Lion						8	10	8
Ostrich					290	46	300	200
Roan					460	216	200	300
Springbok*	2000-2003	633	7	1,500	680	260	500	450
Steenbok					2,220	44	2,000	1,500
Warthog					340	111	250	250
Wild dog						30	100	80
Wildebeest	1999-2012	193	15	3,200	8,295	638	2,000	3,500
Zebra B.						35	380	350

* Reduction in breeding rate as ecological carrying capacity is approached

Trends: Animals per day per waterhole (counts were not undertaken in 2021)



Distribution:



Numbers seen
 ● Low
 ● High

