



## Borana Conservancy Update

### Oct / Nov / Dec 2022

1. Wildlife Monitoring
2. Community Update
3. Other



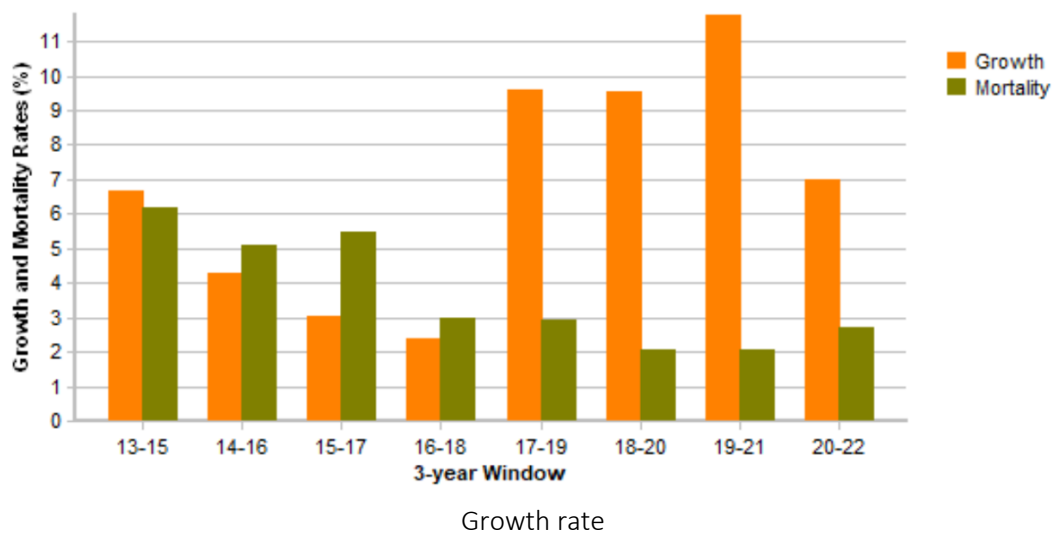
## 1. WILDLIFE MONITORING:

### Black rhino:

- There have been a number of fights between the male black rhinos on Borana during this period, we believe these fights have been over territories and looking for females
  - o Meij and Peter had a fight in the Simangwa valley, both sustained minor facial injuries
  - o Peter and Kibari fought and both sustained injuries to their heads
  - o Ago and Roy fought at Sanga
  - o Hisa and Silvester fought and Silvester was left with a small injury on his right anterior cervical fold
  - o Hisa and Sonny Liston fought both sustaining minor cuts to their heads
- Nalotu a female black rhino came from Lewa and has used the Sirai corridor to move up into the Ngare Ndare forest
- Both Kai Suen and Linda's third calf have been pushed away by their mothers following the new births

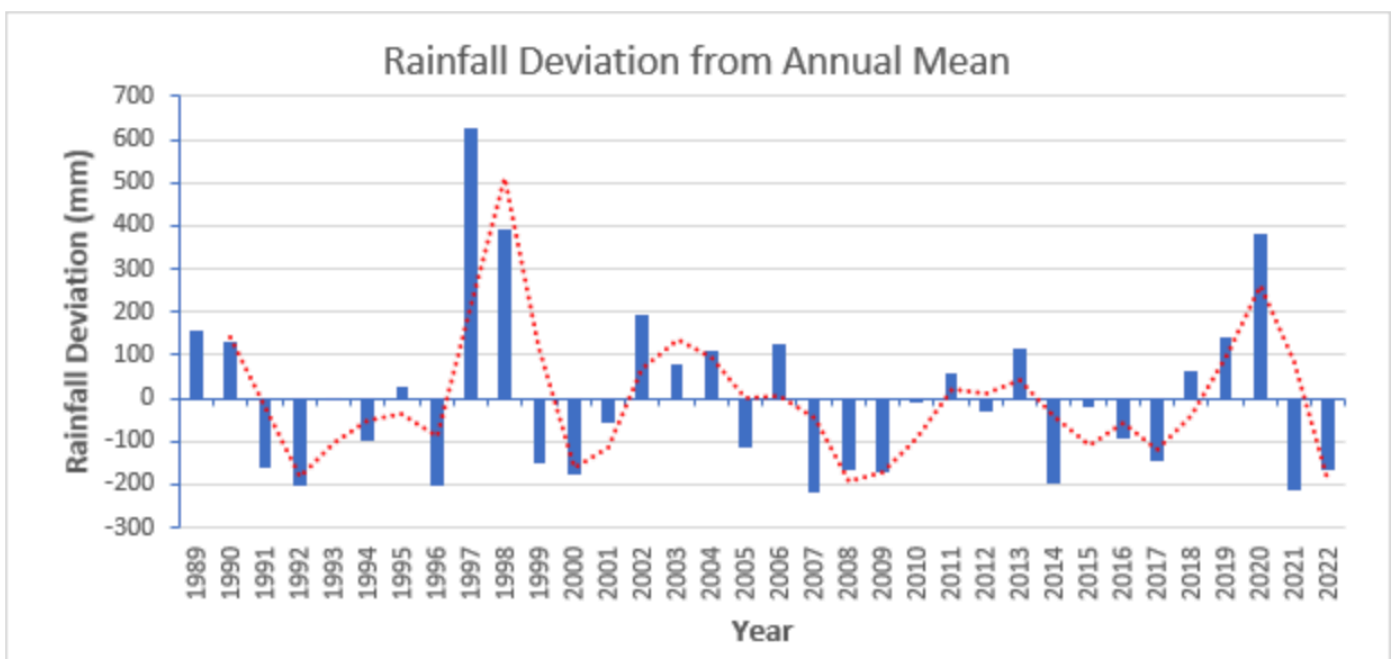
### EOY LBL Black rhino 2022 Summary:

- **More** black rhino births than deaths
- **0** black rhino poached and **0** unnatural black rhino deaths
- The average growth rate in the 2020-2022 window period was **7%** compared to 10.5% in the 2019-2021 period. Since the LBL inter-calving interval is 2.7 years, this low calving rate was expected after the peak calving rate in 2021. The high number of deaths recorded in the year also contributed to the reduced growth rate as shown in the graph below
- LBL's average age at first calving in the 2020-2022 period is **7.6 years**
- Despite the severe drought experienced, the average body condition of most rhinos was good. Two rhinos on Lewa fell below 3.0 during the dry period but improved slightly following some rain in November
- The LBL average inter-calving interval is 2.6 years which is rated as good



Pete Goodman, Wildlife Ecologist on the Borana black rhino population:

- “On Borana the population is still doing well with a slightly muted growth rate of 7% per annum, but a very respectable birth rate of 40% per adult female ie 40% of females have calves every year. Mortality rate also very low.”
- “The rainfall situation is interesting and what is more interesting is how this will play out with conception and birth in a year or two. The graph below illustrates the rainfall cycles (and forage availabilities) (dotted red line) quite well. Comparative low forage availabilities in 1992, 2008 and 2022. Drought every 14 to 16 years!”



White rhino:

- new white rhinos made their way from Lewa onto Borana during December and have stayed since
- June is often seen with Sidai and Namunyak, they are living mlima ngiri
- Maina and Tulivu, two males have been moving all over the conservancy
- Wire, a male white from lewa has joined up with Semenya and her calf
- Sidai and Namunyak, two females remain together at Amorys hill

## Carnivores

### Lions:

- A new coalition of 6 males and 2 females have been together on the western side of Borana
- Dr Matthew Muttinda treated a sub adult male from this pride on 29/10/2022. He was limping heavily on his left foreleg from a bite during a fight
- Another pride with big cubs seen around Sanga to Ngare Ndare
- The Carrisa pride has remained around Arijju House up to Fox 3 area
- Two females seen around the Windmill area in December with two young cubs estimated to be 4 weeks old

### Cheetah:

- One cheetah cub died but remaining 4 cubs are healthy and spending time on the western side of Borana
- Two brothers seen around Tangi mbili area and the Lodge
- A new female cheetah seen alone during November and December

### Other:

- Dr Matthew Muttinda also treated a 3 year old elephant who was limping following a spear wound. The elephant came from the Ngare Ndare forest from the Sirai corridor and has recovered well

### Ranger Training:

- 19<sup>th</sup> – 26<sup>th</sup> Sept 2022: 10 pax; 8 male and 2 female
- 18<sup>th</sup> – 23<sup>rd</sup> Sept 2022: 4 pax
- 4<sup>th</sup> – 10<sup>th</sup> October 2022: 3 pax, senior commanders training
- 26<sup>th</sup> – 29<sup>th</sup> October 2022: 14 pax, lion ranger training
- 16<sup>th</sup> – 18<sup>th</sup> November 2022: Upgraded Kifaru Database training Naivasha



## 2. COMMUNITY:

### Livestock to Market 2022 :

2022	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
OPENING STEERS	195	191	139	137	137	137	136	225	104	133	132	131
STEERS RECEIVED	0	0	0	0	0	0	90	0	30	0	0	0
STEERS SOLD	0	52	0	0	0	0	0	119	0	0	0	0
TOTAL NO OF STEERS	191	138	137	137	137	136	225	104	0	132	131	109
OPENING CULL COWS	20	19	16	16	16	16	16	189	134	219	213	212
CULL COWS RECEIVED	0	0	0	0	0	0	178	0	185	0	0	0
CULL COWS SOLD	0	2	0	0	0	0	0	0	36	0	0	0
TOTAL NO OF CULL COWS	19	16	16	16	16	16	189	185	219	213	212	189
LOST TO PREDATION	0	0	0	0	0	1	0	0	2	0	0	0
OST TO DISEASE/DROUGHT	5	2	1	0	0	0	6	4	0	7	2	0

- The livestock department under True Range Ltd has been able to control the outbreak of CBPP disease and the body condition and health of livestock has greatly improved.
- OLCS executive committee held with Lion landscape to discuss possible partnership and scaling up of OLCS to cover other areas
- Oramat cooperative Society Agroveter operating under our LTM program, made sales worth **359,070/-** during this period
- Plans are underway to return the cattle under LTM back to Borana where there is good grazing
- The community cattle are not yet finished, only managed to sell 46 during December but with the good rain we have received we hope animals will gain weight and will sell mid February 2023

### Mobile Clinic 2022 stats:

		Borana Mobile Clinic 2022																						
No	Details	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals										
1	Curatives	639	695	341	728	885	741	978	440	604	1002	581	523	8,157										
2	Family Planning	107	102	30	154	276	90	152	46	37	95	38	140	1,267										
3	Immunisations	38	102	47	38	24	72	32	22	35	102	25	24	561										
4	Antenatal	17	7	10	7	7	11	10	6	28	20	17	11	151										
5	Health lectures	0	295	180	0	418	0	0	311	0	411	0	0	1,615										
6	Deworming (school children)	659	659	0	0	879	0	0	0	87	325	52	0	2,661										
7	Malnutrition screening	125	84	47	35	16	48	152	1000	87	54	52	44	1,744										
8	HIV counselling + testing	382	359	34	208	1121	405	322	30	24	726	0	186	3,797										
13	Km travelled by clinic vehicle	1684.98	1174.872	1755.8	1337.4	1662.5	1578.8	1071.8	1937.7	1842.7	1712.3	1585.2	2006.9	19,351										

- KEMSA supplied some Ready for Use therapeutic food (RUFT) and Implanon (Long term planning commodity) to children under five years old and lactating and pregnant mothers in Sanga and Tassia
- The conservancy purchased drugs worth Kes. 285,222/- during the
- Our head nurse Pauline attended a two day training organized by the county government department of health. The training was on rotavirus and pcv switch from the one that was phased out to the new ones.
- We received a donation of £5,000 for DFG programme from Lodge guests
- **276,000 ltrs** water distributed during this period

### Food Aid Support to communities:

- **1522** food parcels were distributed to vulnerable individuals/households benefiting approximately **8,250** beneficiaries on average during this. There has been some rain in December which has brought an end to this food aid distribution.



### The Borana Education Support Programme (BESP):

- BESP continues with 46 students under the bursary programme and continues to support the salaries of 13 teachers and supported the Oasis of Love and Mukogodo Girls Empowerment program during the 'International Day for the Girl child' at Arjiju and Olokirisiai primary schools
- The conservation education team visited Meru and Lokusero secondary school to meet the finance department and iron out and harmonize fee discrepancies
- BCL and Arjiju house supported Sanga, Ethi, Lotasha, Lokuseru primary, Olokirisiai and Arjiju primary schools with food costs and transport during KCPE exams
- We have received the funds to support the the Lokuseru primary school fence, work will begin on this in January 2023

BESP 2022													
	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV:	DEC	TOTAL:
No of teachers employed	13	13	13	13	13	13	13	13	13	13	13	13	13
Salaries paid to teachers	209952	209952	3209952	209952	208367	212552	212552	212552	212552	212552	217939	214324	5543198
No of students under BESP	55	55	55	45	45	45	45	47	47	46	46	46	55
Bursaries paid KES	551731	0	9000	648743	214666	0	0	112190	704294	17100	65484	0	2323208

### Mazingira Yetu:

- The Mazingira Yetu (MY) program completed the first-year trip of school conservation education visits. Overall, the program welcomed **358 students** and **22 teachers** from 10 different schools. Full report on MY program will be shared.
- During November, **90** adults from Lokusero, Ethi and Arjiju groups visited the centre
- Consultant, Richard Henney spent a very productive week on Borana this month
- Different trainings and meetings also took place during the month at Mazingira Yetu
- Full report on MY program will be shared in January 2023

### Invasive plants eradication:

- Three areas Fox 3, Zulu 2 and November golf areas have been cleared of all opuntia and invasive speices will be shared as soon as the data/information has been put together.
- 10 women have been employed on each site, (30 women in total from Arjiju, Chumvi and Ngare Ndare) for 1.5 months and the program is progressing well

### Long Run Annual Meeting:

- Each year, The Long Run community comes together to celebrate its shared mission to protect ecosystems for the benefit of all
- This year, after a three year pause due to Covid-19, Borana Lodge and Lengishu House hosted over 40 members from all over the world
- The theme of the Meeting was Accelerating Change in your Organisation, Landscape, Community, and Beyond. It demonstrated that sharing experiences, expertise, and knowledge helps members to push boundaries individually and enables The Long Run community to drive change for the well-being of the planet and people globally. Click [here](#) for the full report.

