

MONTHLY REPORT:

OCTOBER 2020

SUMMARY of ACTIVITIES:

Tsavo Trust film clip: <https://f.io/UVjnNZvw>






WILDLIFE CONSERVATION PROGRAM: Big Tusker Project – Aerial & Ground Activities		
Activity	Hours Flown	Kilometers Covered
 Aerial Reconnaissance	59 (594 for year) Average 111km p/h of low-level flight	6,065 (65,435km for year) Flights carried out jointly with KWS staff
 Rhino specific flights	23.5 (211.5 for year)	2,562 (23,875km for year)
	Field Patrol Days	Kilometers Covered
Ground Activities (Joint KWS / TT)	Protection teams: 93 days (975 to date) Monitoring teams: 61 days (461 to date)	Vehicle patrols: 6,282km (57,141km to date) Foot patrols: 562km (6,645km to date) Monitoring teams: 7,476km (53,834km to date)
 Big “Tuskers” observed	11 Tuskers - 6 Super Tusker bulls, 5 emerging bulls, Nil cow Tusker = 57 individual observations	
Ivory recovered	6 elephant tusks (37 for year)	
Elephant mortality	Fresh (less than 3 weeks old)	Recent (less than 3 months old)
	3 – (c of d: 1 Natural, 2 unconfirmed)	Nil (c of d: Poached)
Poacher camps/hides	Fresh - 3	Recent – Nil
Arrests	Nil – by KWS / TT – 20 for year to date Bushmeat recvd: 3kg (1,413kg for year to date)	
Snares/traps recovered	29 by Tembo Teams: 466 snares to date 2020 (337 small; 103 medium, 24 large)	
Support to KWS-armed incidents	Nil	
Illegal Livestock (only in PA)	1 cattle boma (1,100 + cows – only 1 cattle flight)	
Written reports to KWS	33 (daily Situation reports, various communications & 1 monthly report)	
General & significant notes	<ul style="list-style-type: none">• 3rd Oct20: Wildlife Ranger Challenge TT/KWS team came 18th out of 88 teams across Africa• 3rd 2020 (1st to 3rd) TWNP NRS full moon rhino night census jointly funded by ZSL & TT• TWNP Sand Dams x 2 (Kangechwa A & B) nearly completed construction• Significant funding support through WCN/RRF for TWNP IPZ rhino security	
COMMUNITY CONSERVANCY PROGRAM:		
Kamungi Conservancy North boundary TWNP 	<ul style="list-style-type: none">• Employment (through T/Trust): 25 permanent, 20 temporaries• Membership: 1,400 people• Community Mobilization meetings: 10; HWC fence; local administration; VSLA’s, KWCA• Ongoing Projects: Water project-bore hole; Dispensary support; 10% fence plan; VSLA’s; feeding program; HEC-Mtito fence planning• Human Wildlife Conflict (HWC): 21 reports, mainly crop raiding elephants, leopard issues• Wildlife Counts: 1 sample transect counts• Security Ops: 29 snares recvd., other equip. recvd.	
Shirango Conservancy South East boundary TENP 	<ul style="list-style-type: none">• Employment (through T/Trust): 11 permanents• Membership: 2,300 people• Community Mobilization meetings: 3; HWC; land tenure, local administration, KWCA• Ongoing Projects: Water project; security HQ/outpost completed; anti-poaching• Human Wildlife Conflict (HWC): 9 reports all livestock predations• Wildlife Counts: Nil• Security Ops: T1 team – Nil arrest (bushmeat poachers); Nil snares recvd; 6 ele. tusks recvd.	
FIELD CONSERVATION FORMAL PARTNERS:		
KWS-Kenya Wildlife Service	• Partner to KWS: through MoU. Incl. Rhino Strategy & Hirola Recovery Plan	
ZSL-Zoological Society London	• Partner with ZSL: Rhino Impact Bond (RIB) in TWNP & Community development	
STE-Save The Elephants	• Partner in aerial & ground monitoring - collared elephants; Elephants & Bees project	
ASDF-African Sand Dam Fdn	• Construction of Sand Dams – partnership with ASDF & Excellent Development UK	
JAAT-Anti-venom Trust	• Partner to JAAT (supplier of top-quality snake bite antivenom) – Tsavo outlet	
MWCT-Maasai Wilderness	• Partner – general conservation initiatives/activities	



Photo shows the magnificent Super Tusker bull elephant coded as KO1, TENP on 18th October 2020. This elephant was observed to have moved over 80 kilometers in 3 days in mid October.

WILDLIFE CONSERVATION PROGRAM:



“Big Tusker Project” - aerial and ground mobile teams:

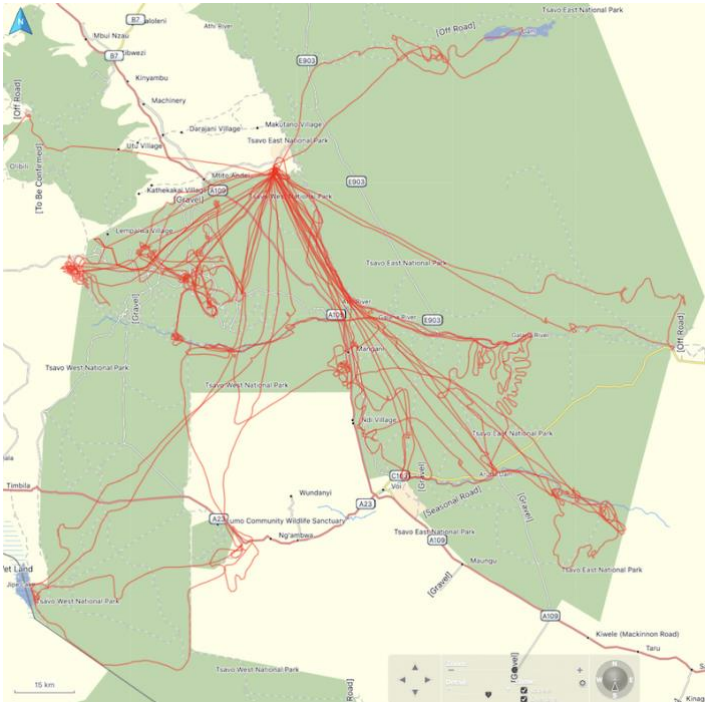
Table 1: Summary of Big Tusker Project (BTP)

Activity / Detail	Number & Brief Remarks
BTP individual Tusker sightings	Total = 57 sightings – TT monthly record
Super Tusker Bulls	6 individuals (30 sightings)
Emerging Tuskers (bulls)	5 individuals (27 sightings)
Iconic Cow Tuskers	Nil individual (Nil sighting)
Elephant Mortality	3: 3 fresh (1 natural; 2 unconfirmed c of d); Nil recent/old
Ivory Recovered	6 tusks (from found elephant carcasses)
Elephant Treatment	Nil
Wildlife Rescues	Nil
Rhino Aerial Patrol Support (KWS / ZSL / TT partnership)	8 rhino specific recce: 2,562km flown = 23.5hrs (7 TW & 1 TE). 3 rd full moon rhino night census 1 st to 3 rd Oct20 jointly sponsored by ZSL and Tsavo Trust
HWC cases attended to	1
Arrests	Nil ()
Wire Snares Recovered	29 (2 medium, 27 small)
Bush Meat Recovered (Kg)	3kg (11 fresh Dikdik heads at a poacher hide out)
Poachers Equip. Recovered	cooking equip.
Poachers camps/Blinds	3 (1 active, 2 recently active)
Night Ambushes set	4 (3 TW Mangalet, 1 Kamungi)
Response to Armed Situations	Nil
Foot patrols (km) Tembo Teams	562km foot patrols – 3 teams
Collared Elephant Observations	16 forms submitted to STE (joint KWS/TT teams)
High Value Wildlife Monitoring	Ongoing partner to KWS TCA Research (carnivores, endangered species)
Firefighting cases	3 days Aerial & ground: Kishushe TW; Finch Hattons TW
Illegal Cattle Drive KWS Support	Nil
Charcoal & Logging	2 (logging – culprit escaped; 1 charcoal kiln destroyed – Mtito lugga)
Training	2 TT Officers Masters training; KWCA training; HWC community training
TT HQ Rainfall	6mm . Total rainfall to date: 453mm



Aerial Reconnaissance - Areas Covered:

- This vital conservation tool provides **“eyes in the skies”** and directional guidance to ground units.
- All flight paths are logged and recorded with all relevant real-time observations relayed to KWS on a daily basis for necessary rapid actions and their records.



Map shows Tsavo Trust's flight paths over the TCA this month.

59 hours flown covering 6,065 kilometers over Tsavo in support of KWS.

Covering: Air & ground activities; Big Tusker monitoring; Locating illegal activities; Wildlife monitoring; Aerial census and telemetry tracking.

Tsavo Trust/KWS 2020 Wildlife Ranger Challenge team of (left to right):

*Morris Muema
Johnson Parkusaa
George Otieno
Stephen Sila
Joshua Kitavi*

Carrying 22kg on their backs and covering 21km in Tsavo's blistering heat, they came 18th overall from 88 teams across Africa.

We are very proud of these Scouts/Rangers and hugely grateful to TUSK TRUST for sponsoring this great event.





Completed Kangechwa A sand dam, 26th October 2020.



Kangechwa B sand dam under construction and expected to be completed by mid-November 2020 in anticipation of the rainy season. Sand dams are a tried and tested water catchment method in arid lands and have proven to be environmentally friendly and very effective with little desertification around the water catchment. This is in contrast to the bore hole system that has proven over and over again, in many Protected Areas, to cause great environmental vegetation desertification around the eye of the bore hole water supply.

Field Mobile Units:

Tembo 1, 3, 5 teams, Kamungi & Shirango Scouts are habitat protection / de-snaring focused.

Tembo 2 & 4 teams are wildlife monitoring dedicated.

All teams work alongside KWS daily and provide further “eyes and ears in the field”.


Habitat Protection / De-snaring teams:

Table 7: Shows outcomes from field activities from Tembo 1, 3, 5, Kamungi & Shirango Scout teams:

De-snaring teams	No. Field days	No. Arrest	No. Ivory recvd.	No. Snare recvd.	Bushmeat recvd. Kg	Poacher equip. recvd.	No. Poacher camps	No. HWC Cases	Vehicle mileage km	Foot Patrol km
Tembo 1 (TENP) (6 TT Scouts + 3 KWS Rangers)	31	-	6	-	-	-	-	-	3,523	144
Tembo 3 (TWNP) (6 TT Scouts + 3 KWS Rangers)	31	-	-	27 25 small & 2 medium	3 11 fresh Dikdik heads	-	3 1 active, 2 recent	-	2,759	207
Tembo 5 (TWNP) 14 TT Scouts + 3 KWS Rangers	Temp. halted Due to COVID	-	-	-	-	-	-	-	-	-
Kamungi Scouts 4 Scouts	31	-	-	2 Bird traps	-	-	-	1	-	211
TOTALS	93	Nil	6	41	3	As above	3	1	6,282	562
Total 2020	975	20	14	437	1,413kg	-	10	15	57,141	6,645

Monitoring & Evaluation teams:

Table 8: Shows activities carried out by Tembo 2 & 4 teams – monitoring & evaluation:

Monitoring teams	No. Field days	Activities	Endangered species records / sightings	Operating locations	Vehicle mileage km
Tembo 2 (TENP) (3 TT staff + 2 KWS)	30	-Tusker monitoring -Hirola monitoring -Grevy's zebra monitoring -Carnivore monitoring -Carnivore scat collection for analysis – hair content -Mombasa/Nairobi - Road & SGR kill surveys -Camera trap surveys -Fixed point photos -Collared elephant reporting	-Tuskers – 13 sighting -Hirola – 14 -Grevy's Zebra – 4 -Large Carnivores – 28 -Road & Rail kills – 6 -Elephant carcasses – Nil -Rain gauge readings -Collared elephants – 10 Carnivore scat collect – 0	Tsavo East Nat. Park – mainly southern, central and eastern sections including Shirango Conservancy	3,626
Tembo 4 (TWNP) (2 TT staff + 2 KWS) 	31	-RHINO monitoring – TW IPZ -Camera trap surveys - rhino -Big Tusker monitoring -Large Carnivore monitoring -Collared elephant reporting	-IPZ Rhinos – 21 -Tuskers - 0 -Large Carnivores – 2 -Collared elephants – 0 -Elephant carcasses – Nil -NRS Rhino night census - 111	Tsavo West Nat. Park – IPZ	3,850
TOTALS	61	As above	As above	As above	7,476
Total 2020	461	-	-	-	53,834

COMMUNITY CONSERVANCY PROGRAM:

ACTIVITY	KAMUNGI Conservancy	SHIRANGO Community Conservancy
Ongoing partnership between Tsavo Trust & KC & SCC	North boundary of TWNP – Triangle. Total area 101km ² Makueni County; Kibwezi Sub county; Mtito Andei Division; Mtito Andei Sub-location; Ngiluni Village.	South boundary of TENP – Voi River area. Total area 270km ² Kilifi County; Ganze Sub-location; Bamba Ward; Mitangani location; Gede Sub-location.
Employment (through Tsavo Trust)	Between Tsavo Trust and its partners 25 permanent staff and 20 casual staff were employed generating over \$ 10,000 (Ksh. 1,000,000) of income into Kamungi monthly.	Tsavo Trust employs 11 staff from SCC including a Community Liaison Officer (CLO) to spear head activities. Salaries generate over \$2,200 (Ksh.220,000) of income monthly as a result.
Community Mobilization and Sensitization Meetings	<ul style="list-style-type: none"> ➤ 10 community meetings held ➤ VSLA meetings – 1 ➤ KWCA meeting - 1 ➤ Makueni LDO meeting – 1 ➤ Admin. meetings – 6 ➤ Board Meeting - 1 	<ul style="list-style-type: none"> ➤ 3 community meetings held ➤ KWCA / TTWCA meeting - 1 ➤ Local Administration - 1 ➤ Land tenure & land rights meeting - 1
Membership	Through a registered CBO KC membership represents 140 families & over 1,400 individuals from 2 villages, mainly from the WaKamba community.	Through a registered CBO SCC membership represents at least 2,300 individuals from 5 villages, mainly from the Watha and Giriama ethnic groups.
Water Project	NIL litres of water was issued – pump has failed and needs repairs. Dispensary bore hole drilled, awaiting solar installation to supplement water for Kamungi community	Solar bore hole pump and solar panels are in place. Water users committee established. 2 community members now employed at water project. Security outpost is being constructed.
Basic Health care	300 patients attended (2,670 for year to date).	This is currently dis-functional. Nearest health centre is 10km away. 50% of residents rely on traditional herbal medicines.
Constructions	Scouts HQ & Office/store completed	Scouts HQ ongoing
Feeding Program due to COVID-19	28/9/20: 8 th Kamungi feeding assistance - 140 households	None at present due to distances involved and lack of funds to implement.
Basic Education	Tsavo Trust has paid for 2 teachers (1 at Ngiluni & 1 at Kamunyu School within KC) for the last 7 years. This is ongoing.	No activities as yet.
VSLA – Savings Groups	Village savings & loan groups are in the progress – partnership between ZSL / KC & TT	None at present.
Training	None at present.	None at present.
HWC	7 x 1-acre bee fences, total 105 beehives with 16 currently occupied.	N/A
Elephant Bee Fence	10% fence plan completed Phase 1: 3 plots (electric fencing of 10% of individual land).	N/A
10% Fence Plan		
Human Wildlife Conflict (HWC)	21 cases recorded: 7 elephant cases; 7 Leopard; 1 Jackal, 4 lion, 1 crocodile, 1 baboon	9 cases recorded: 2 elephant; 4 hyenas; 2 Cheetah; 1 leopard
Land Tenure	KC was historically Ngai Ndethia NR. Land was surveyed and sold to individuals under Ngiluni Settlement Scheme back in the 1970's. Title deeds have yet to be issued.	SCC land currently traditional communal mode of ownership, not legally protected. Efforts underway to ensure the local communities legally own their land. Ongoing.
Wildlife Census Transects	1 transect count – 68 direct sightings of 10 different species.	Annual aerial census due to take place.
Operations and Security Tembo 1 Team = T1 Tembo 3 Team = T3 Kamungi Scouts = KS	<ul style="list-style-type: none"> ➤ Arrests: Nil ➤ Snares / traps / bushmeat: 29 snares ➤ Equip. recvd.: Nil ➤ Elephant carcass / Ivory: Nil ➤ Night ambushes: 1 ➤ HEC: Nil 	<ul style="list-style-type: none"> ➤ Arrests: Nil () ➤ Snares & traps recvd.: Nil ➤ Equip. recvd.: Nil ➤ Elephant carcass / Ivory: 6 ➤ Night ambushes: Nil ➤ Poachers camps: Nil

Unusual Photo of the Month:



22nd October 2020: This is the majestic Super Tusker coded IL1, who has for years proven to be a tricky Tusker to photograph, but this time around, and with lots of patience, the Tsavo Trust team succeeded. October was a good month for Tusker sightings with a record 57 sightings, averaging nearly 2 per day.

With sincere thanks and appreciation:

Organisations: Kenya Wildlife Service; USAID/DOI; US Fish & Wildlife Service; The Oak Foundation; Leopardess Foundation; JM Foundation Africa; Zoological Society of London (ZSL); Save The Elephants (STE)/Elephant Crisis Fund (ECF)/Wildlife Conservation Network (WCN); Global Wildlife Conservation; Cheyenne Mountain Zoo; Tusk Trust; Rhino Recovery Fund (WCN); International Elephant Foundation (IEF); Disney/Wildlife Conservation Society (WCS); Georg Waechter Memorial Foundation; Glassybaby White Light Fund; Ndovu Trust (UK); Satao Camp & Southern Cross Safaris (Msa); Origins Safaris; Ker & Downey Safaris; Tropical Ice Ltd; OnSafari-Kenya; Askari Project–Australia; Tofauti Foundation; Maasai Wilderness Conservation Trust (MWCT); Chesbro Foundation; Enos Enterprises–Tembo Wine; Elephant Cooperation; International Fund for Animal Welfare (IFAW); TUI Care Foundation; Empowers Africa; Salama Fikira; Design by Freedom; 51 degrees; Conservation Alpha; JW Seagon Insurance; Saving the Survivors; World Book; Lewa Canada; Remembering Wildlife Books and many more.

Individuals: Stuart Herd; Sir Colin Southgate; Nick Southgate; Nicole Honegger; Alex Graham; Nick Powell; James Robertson; Markus Jebsen; The Kratt Family; Loic Gouzer; Nick Lapham; Mike Kirkland; Paul Block; Anita Mishra & Paolo Mapelli; the late John Fletcher; Paul & James Wilson; James Chiappa; Will Burrard-Lucas; Drew Doggett photography; Goh & Courtney Iromoto; the Kiddingtons; Catherine Lagrange; Renzo Bernardi; Steve Parkinson; Howard Saunders; Sandor Carter; Sean Dundas; Karen Laurence-Rowe; James Lewin; Anthony Cheffings; Alan Binks; Andreas Fox; Prints for Conservation; Johan Marais; Chris Acreman; Alex Hunter and numerous other enthusiasts.

Report compiled by Richard Moller – Chief Executive Officer, Tsavo Trust

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