



Tsavo Trust is an action orientated, field-based, Kenyan not-for-profit conservation organization that recognizes the importance of a holistic approach to biodiversity conservation. www.tsavotrust.org

Tsavo Trust film clip: <https://www.youtube.com/watch?v=qGgM6-ggZOE&t=270s>

JUNE 2024 MONTHLY REPORT



The image shows the newly completed self-catering Kamungi Bandas, situated along the Mtito Andei River, which marks the boundary of Kamungi Conservancy and Tsavo National Park. Once open, this facility will offer visitors an ideal base to experience the unique wilderness of the Tsavo Triangle and opportunities to participate in community-based initiatives. Photo Credit: Tsavo Trust – Nick Haller

SUMMARY of ACTIVITIES:

WILDLIFE CONSERVATION PROGRAM: Big Tusker Project – Aerial & Ground Activities

Activity	Hours Flown	Kilometers Covered
Aerial Unit	61 (352 for year) Average 140km p/h of low-level flight	8,747 (49,455km for year) Flights carried out jointly with KWS staff
Rhino Aerial Patrols	Aerial Patrols: 18 (6 TWNP; 1 TENP) (120hrs for year to date)	Aerial: 2,079 (13,670km for year)
	Field Patrol Days	Kilometers Covered
Ground Protection Activities (Joint with KWS / TT & Community Scouts)	Protection teams: 180 days (1,092 to date) Monitoring teams: 150 days (882 to date)	Vehicle patrols: 14,719km (88,008km to date) Foot patrols: 1,309km (7,592km to date) Monitoring teams: 13,707km (96,328km to date)
Big Tusker Project	14 Tuskers – 4 Super Tusker bull (12 sights), 8 emerging bulls (13 sights), 2 cow Tusker (3 sights): 28 individual observations	
Collared Elephant Sightings: Joint KWS/STE/TT program	9 sightings: record forms submitted to STE (aerial and ground observations)	
Ivory recovered	8 elephant tusks (42 for the year to date)	
Elephant mortality	Fresh: 3 (Less than 3 weeks old) (c of d: 2 natural; 1 unknown)	Recent: 1 (Less than 3 months old) (c of d: unknown)
		Old: Nil (More than 3 months old)
High Value Species Monitoring	Ongoing partner with WRTI / KWS TCA Research: Monitoring black rhino, Hirola, Grevy's zebra, large carnivores, Roadkill Surveys, Southern Ground Hornbill etc	
Wildlife - Treatment & Translocation	Venomous snakes re-located from communities: 2 Puff adders; 1 Red-spitting cobra; 1 Ashe's spitting cobra and African Rock Python. Others: Nil	
Poacher camps/hides	Fresh – Nil	Recent – Nil
Arrests – joint KWS/TT	13 – 1 bushmeat poaching; 4 illegal grazing; 2 illegal entry; 1 charcoaling & 5 logging (52 for the year to date)	
Snares/traps recovered	119 by Tembo Teams: 282 snares for the year to date (170 small; 111 medium; 1 large)	
Bushmeat recoveries (wet & dried)	13 (305kg for the year to date) 6 vulturine guinea fowls and 1 crested francolin	
Poachers Equip. Recvd.	1 bicycle, 1 panga, 1 axe and 3 catapults	
Night Ambushes	Joint KWS / TT: 6 (Maungu; Wangala; Egu; LMD and Shirango Conservancy)	
Firefighting	1 fire response - (In Taita ranch.)	
Human Elephant Conflict	Joint TT-KWS team: 2 HEC responses. 12 elephants were driven from farms in Mtito Andei, and 12 elephants were driven from farms in Shirango.	
Illegal Livestock (only in PA)	3 active cattle bomas (6,630 cattle; Nil shoats; 5 Donkeys & 7 people)	
Written reports to KWS	84 (daily Situation reports, various communications & 1 monthly report)	
TT Staff Training activities	2 TT Officers Masters training; 2 KWS Officer Masters training; 1 TT Officer Bachelors	
TT HQ Rainfall figures	5 mm. Total rainfall to date for 2024: 212mm	

Significant notes	<ul style="list-style-type: none"> • 17/06/2024 to 21/06/2024: Tsavo Trust participated in the IUCN/Biopama Africa Pacific Learning Exchange (APLE) workshop in Malindi. The workshop's primary objective was for participants to share lessons learned and best practices in Protected Area management among IUCN/Biopama grantees. • 26/06/2024: Launch of the "Empowering Tomorrow's Stewards – Conservation Awareness in Kamungi Conservancy, Southern Kenya" initiative to foster environmental stewardship among 2,000 students in three secondary and nine primary schools in and around Kamungi Conservancy
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COMMUNITY CONSERVANCY PROGRAM:

	Kamungi Conservancy > Located: Northern boundary TWNP Triangle > TT has played a stewardship role and partnered with KC since 2014		Shirango Community Conservancy > Located: Southeast boundary TENP > TT has played a stewardship role and partnered with SCC since 2016
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FORMAL FIELD CONSERVATION PARTNERS PROGRAM: (Full list of supporters/partners shown on last page)

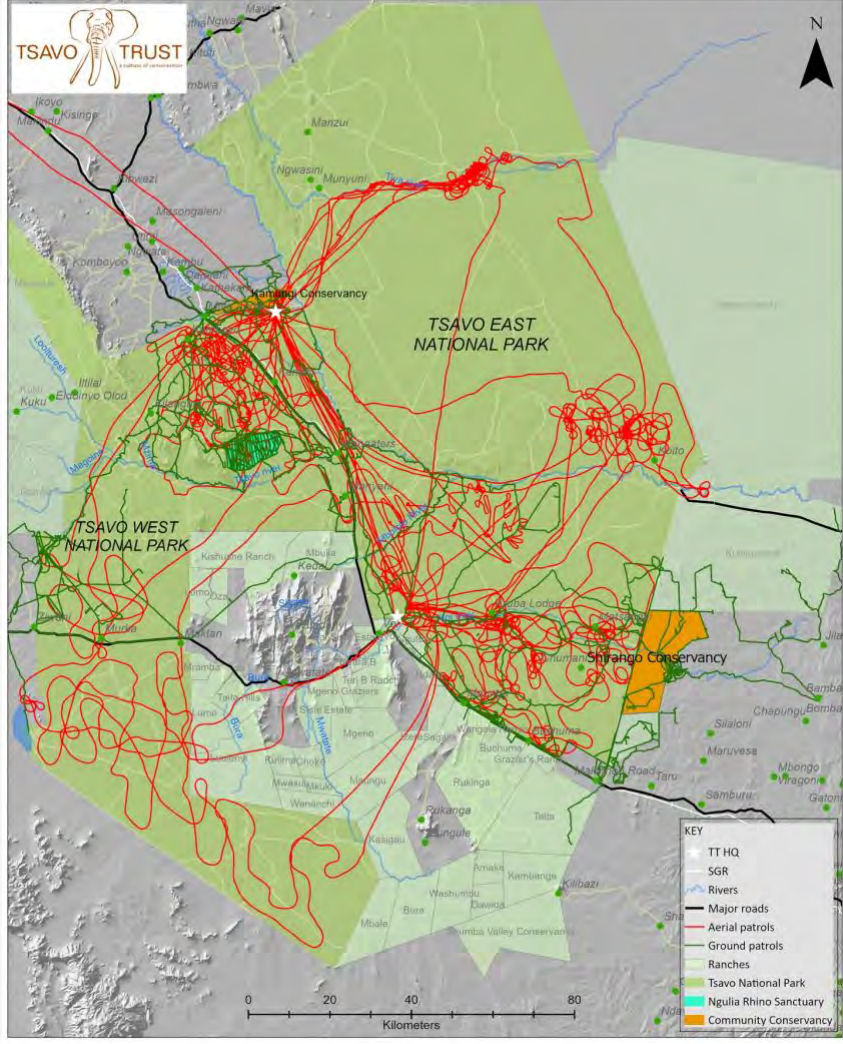




Aerial Reconnaissance and Ground Patrols - Areas Covered:

- Aerial patrols are a vital conservation tool providing “eyes in the skies” and directional guidance to ground units who provide “eyes and ears” on the ground. The combination of both is effective.
- All aerial patrols and ground patrols are carried out jointly - KWS/TT and recorded with all relevant real-time observations relayed to KWS daily for rapid actions and for their records.

**TSAVO TRUST'S AERIAL & GROUND PATROLS COVERAGE OVER TCA
June, 2024.**



*The map shows Tsavo Trust's flight paths in **RED** and ground patrol paths in **GREEN** over the TCA this month.*

Note: The Tsavo Parks are huge comprising 22,000km² (TENP, TWNP & CHNP) and then a further 20,000km² totaling 42,000km² to form the Tsavo Conservation Area (TCA).

***Aerial:** 61 hours flown covering 8,747 kilometers over Tsavo in support of KWS.*

***Ground:** 1,309 kilometers of foot patrol and a further 28,426 kilometers of vehicle patrol in Tsavo to support KWS.*

Activities covered: Air & ground security patrols; Big Tusker monitoring; Rhino related activities; Locating illegal activities; Wildlife monitoring; Aerial census & telemetry tracking & Community Conservancy aerial and ground activities.

The photo below captures local administration officials, Shirango Conservancy members, and representatives from Tsavo Trust and Kenya Wildlife Service during the handover ceremony of 46 home solar kits. This initiative promotes renewable energy in the community, providing reliable lighting that allows children to study longer and achieve better educational outcomes.



Field Mobile Units:

Tembo 1, 3, 5, 7, 9 teams, Kamungi & Shirango Scouts are habitat protection / de-snaring focused.

Tembo 2 (TENP) & 4 (TWNP) teams are wildlife monitoring dedicated.

Tembo 6, 8 & 10 (TWNP) teams are rhino specific with confidential info.

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

Habitat Protection / De-snaring teams:

Table 7: Shows outcomes from field activities from Tembo 1, 3, 5, 7, 9 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) & Shirango Scouts (6 TT Scouts + 3 KWS Rangers)	30	-	-	8 3 small 5 medium	-	-	-	1 1 HEC 12 elephants driven from farms	2,984	432
Tembo 3 (TWNP) (6 TT Scouts + 3 KWS Rangers)	30	12 3 Illegal herders & 5 loggers	-	7 All small	-	-	-	-	2,630	121
Tembo 5 (TWNP) 6 TT Scouts + 3 KWS Rangers	30	-	-	-	-	-	-	-	1,998	206
Tembo 7 (Kulalu/TENP) 5 TT Scouts + 3 KWS Rangers	30	-	-	42 15 small 27 medium	-	-	-	-	3,042	148
Tembo 9 (Kulalu/TENP) 5 TT Scouts + 3 KWS Rangers	30	1 Illegal herders	2	-	-	-	-	-	2,933	199
Kamungi Scouts 4 Scouts	30	4 2 illegal entry, 1 for bushmeat poaching & 1 charcoaler	-	62 54 small 5 medium 3 bird traps	13 6 vulturine guinea fowls & 1 crested	-	-	2 12 eles & 1 buffalo driven from farms	1,132	203
TOTALS	180	13	2	119	13	As above	-	3	14,719	1,309
Total 2024	1,092	52	20	282	305Kg	-	-	18	88,008	7,592



The photo above features a Tsavo East National Park black rhino “Lekalool” strutting in the Intensive Protection Area. Each month, the Tsavo Trust dedicates 20 hrs. of aerial patrols to support KWS to monitor and protect this critically endangered species and their habitat. Photo Credit: Tsavo Trust – Nick Haller

Research & Monitoring teams:

Table 8: Shows activities carried out by Tembo 2, 4, 6, 8 & 10 teams – wildlife monitoring:

Monitoring teams	No. Field days	Activities	Endangered species records/sightings	Operating locations	Vehicle mileage km
Tembo 2 (TENP) (3 TT staff + 2 WRTI) 	30	-Tusker monitoring -Hirola monitoring -Grevy's zebra monitoring -Carnivore monitoring -Carnivore scat analysis: hair content -Highway & SGR roadkill surveys -Camera trap surveys -Fixed point photos -Collared elephant reporting	-Tuskers – 10 sightings -Hirola – 1 sighting -Grevy's Zebra – 5 sightings -Large Carnivores – 11 sightings -Ground Hornbill – 4 sightings -Road & Rail kills – Nil -Elephant carcasses – Nil -Ivory recovered. – Nil - Collared elephants – 1 sighting - Carnivore scats collected - Nil	Tsavo East Nat. Park – mainly southern, central, and eastern sections including, Voi River & Shirango Conservancy	3,687
Tembo 4 (TWNP) (2 TT staff + 4 KWS) 	30	-RHINO monitoring – TW IPZ -Camera trap surveys - rhino -Big Tusker monitoring -Large Carnivore monitoring -Collared elephant reporting	-IPZ Rhinos – 21 -Tuskers - Nil -Large Carnivores –1 sighting -Collared elephants – Nil -Elephant carcasses – Nil - Ivory recovered. – Nil	Tsavo West Nat. Park – IPZ and Triangle	2,293
Tembo 6 (TWNP) (1 TT staff + 4 KWS) 	30	-RHINO monitoring – TW IPZ -Camera trap surveys - rhino -Big Tusker monitoring -Large Carnivore monitoring -Collared elephant reporting	-IPZ Rhinos – 21 -Tuskers - Nil -Large Carnivores – 2 sightings -Collared elephants – Nil -Elephant carcasses – Nil - Ivory recovered. – Nil	Tsavo West Nat. Park – IPZ and Triangle	3,145
Tembo 8 (TWNP) (1 TT staff + 4 KWS) 	30	-RHINO monitoring – TW NRS -Camera trap surveys - rhino -Big Tusker monitoring -Large Carnivore monitoring -Collared elephant reporting	-NRS Rhinos – 28 -Tuskers - Nil -Large Carnivores – Nil -Collared elephants – Nil -Elephant carcasses – Nil - Ivory recovered. – 2	Tsavo West Nat. Park – NRS	2,583
Tembo 10 (TWNP) (1 TT staff + 4 KWS) 	30	-RHINO monitoring – TW NRS -Camera trap surveys - rhino -Big Tusker monitoring -Large Carnivore monitoring -Collared elephant reporting	- NRS Rhinos – 30 -Tuskers - Nil -Large Carnivores – 7 sightings -Collared elephants – Nil -Elephant carcasses – Nil - Ivory recovered. – Nil	Tsavo West Nat. Park – NRS	1,999
TOTALS	150	As above	As above	As above	13,707
Total 2024	882	-	-	-	96,328



The photo above features a young female leopard in Tsavo East National Park, often seen near the Voi Gate and along the road to the Voi Safari Lodge. Photo Credit: Tsavo Trust – Christine Mwendu.



COMMUNITY CONSERVANCY
PROGRAM:



ACTIVITY	KAMUNGI Conservancy	SHIRANGO Community Conservancy
Ongoing partnership between Tsavo Trust & KC & SCC	North boundary of TWNP – Triangle, since 2014. Total area approx. 100km ² Makeni County; Kibwezi Sub County; Mtito Andei Division; Mtito Andei Sub-location; Ngiluni Village.	South boundary of TENP – Voi River area, since 2016. Total area 270km ² . Kilifi County; Ganze Sub-County; Bamba Ward; Mitangani location; Gede Sub-location.
Employment (Through Tsavo Trust)	Between Tsavo Trust & partners 45 permanent staff & 15 casual staff employed generating over \$12,000 (Ksh.1,320,000) of income into Kamungi monthly.	Tsavo Trust employs 14 staff from SCC including a Community Liaison Officer (CLO) to spearhead activities. Salaries generate over \$3,000 (Ksh.330,000) of income monthly.
Community Mobilization and Sensitization Meetings	<p>15 community meetings were held.</p> <ul style="list-style-type: none"> ➤ 07/06/2024: Kamungi Conservancy monthly meeting held at Ngiluni water tank. ➤ 14/06/2024: HWC mitigation workshop held at TW Education Centre, Mtito Andei. ➤ 17/06/2024: Local administration meeting with the assistant chief, village elders, and Nyumba Kumi on general security. ➤ 24/06/2024: Meeting with Exodus Travels Foundation to plan the "Empowering Tomorrow's Stewards" project, which aims to boost conservation awareness in Kamungi. ➤ 26/06/2024: Conservation Education Stakeholder Workshop: 23 key stakeholders, including the Ministry of Education attended. 	<p>2 community meetings were held.</p> <ul style="list-style-type: none"> ➤ 11/06/2024: Meeting for the handover of 46 home solar solution kits held at the Shirango ECD grounds. The Bamba acting Assistant County Commissioner, KWS representative, TT Chief Community Officer, TT Conservancy Manager, Area Chief, sub-chiefs and Shirango Conservancy members were present. ➤ 28/06/2024: Meeting for the handover of 25 water tanks (3,000ltrs) held at the Shirango ECD grounds. The Ag. Sub County Administrator Ganze, TT Chief Community Officer, Representative of KWS Senior Warden Community Arabuko, TT Conservancy Manager, Bamba Ward Admin, Assistant Chiefs and Shirango Conservancy Members were present.
Membership	Through a registered CBO KC membership represents 385 families & over 3,850 individuals from 13 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	103,190 litres issued at Ngiluni Water Tanks. Additionally, TT provided 110 dam liners and 28 water tanks. (220,086 litres for the year to date) Ngiluni Primary School connected to piped water.	Borehole, pump, and solar panels are in place, but saline water. Construction of an earth dam completed.
Basic Health care	284 patients attended for the year to date. Still waiting for the retired nurse replacement.	There is a need to support this project.
Constructions	KC additional scouts & office units in progress. Works for the Kamungi bandas completed.	SCC additional scouts & office units to commence soon
Education	Paid for 2 teachers (1-Ngiluni & 1-Kamunyu School in KC) for the last 9 years. Ongoing. 6 youth trained in hotel management (certificate).	None at present
Bursary Scheme	Started on April 22 12 needy students selected being supported.	None at present
Village Saving & Loan Associations – VSLA's	5 women-run VSLAs are in progress: In partnership between ZSL / KC & TT	None at present
Poultry Project	3 poultry projects: partnership between ZSL / KC & TT	None at present
Training	VSLA livelihoods, HWC Mitigation, Climate Smart Agriculture, permaculture	Climate Smart Agriculture by KALRO.
HWC Mitigation	7 x 1-acre bee fences, total 105 beehives with 2 currently occupied.	N/A yet
Elephant Bee Fence	10% fence plan completed Phase 2 completed: Total 16 plots (HWC electric fencing of 10% of individual land). There are issues with plots/land being purchased by a local NGO in this area that is threatening this innovative project, but mitigating measures are in place	10% fence plan constructions completed: Total 8 plots (HWC electric fencing of 10% of individual land). 100% effective in keeping elephants and other wildlife from fenced farmlands.
10% Fence Plan		
Predator Proof bomas	10 predator-proof bomas set up: by TT/ZSL	N/A yet
Mtito 32km fence line	Completed 30/11/21 with 95% HEC reduction	N/A yet
Human Wildlife Conflict (HWC)	36 cases recorded: 13 elephant; 12 Buffalo; 3 leopard; 2 Baboon; 1 Hyena and 5 Snake.	19 cases recorded: All elephant related.
Land Tenure	Ongoing	SCC land is currently a traditional communal mode of ownership, not legally protected. Efforts are underway to ensure the local communities legally own their land.
Wildlife Census Transects	1	None
Operations and Security	➤ See the Field Units table above	➤ See the Field Units table above

Unusual Photo of the Month:



From June 17th to 21st, 2024, Tsavo Trust's Chief Community Officer attended the IUCN/BIOPAMA Africa Pacific Learning Exchange (APLE) workshop in Malindi. The workshop aimed to share best practices in Protected Area management among over 50 grantees from Southern Pacific and Africa, along with KWS representatives, county officials, and IUCN. Photo Credit: IUCN

With sincere thanks and appreciation:

Organizations: Kenya Wildlife Service; Government of Makeni County; US Fish & Wildlife Service; USAID / DOI; CITES / MIKE Programme-funded by the European Union; Wildlife Conservation Networks: Rhino Recovery Fund, Lion Recovery Fund, Elephant Crisis Fund; Cheyenne Mountain Zoo; Leopardess Foundation; JM Foundation Africa; Maliasili; Re:wild; WildLandscapes International; Tusk Trust; International Elephant Foundation (IEF); BAND Foundation; Disney/Wildlife Conservation Society (WCS); Save The Elephants (STE); Zoological Society of London (ZSL); The Glassybaby Foundation; EU-Biopama Programme; Tofauti Foundation; Chesbro Foundation; Milkywire; Satao Camp & Southern Cross Safaris (Msa); Origins Safaris; Ker & Downey Safaris; Ndovu Trust (UK); Haller Foundation; Addax and Oryx Foundation; ARES; Tropical Ice Ltd; Askari Project–Australia; Exodus Travel; Maasai Wilderness Conservation Trust (MWCT); Empowers Africa; Conservation Alpha; Lewa Canada; Remembering Wildlife Books and many more anonymous donors.

Individuals: Stuart Herd; Nick Southgate; Nicole Honegger; Griet Van Malderen; The Kratt Family; Loic Gouzer; Nick Lapham; Alex Graham; Nick Powell; James Robertson; The Davies Family; Mike Kirkland; Anita Mishra & Paolo Mapelli; James Lewin; Paul & James Wilson; James Chiappa; Marie de Brouwer; Kim Makenzi; Paolo Parazzi; Sam Stogdale; Howard Saunders; Sandor Carter; Andreas Fox; John Carr and numerous other dedicated enthusiasts.

Report compiled by Richard Moller (C.E.O) and the Tsavo Trust Team.

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