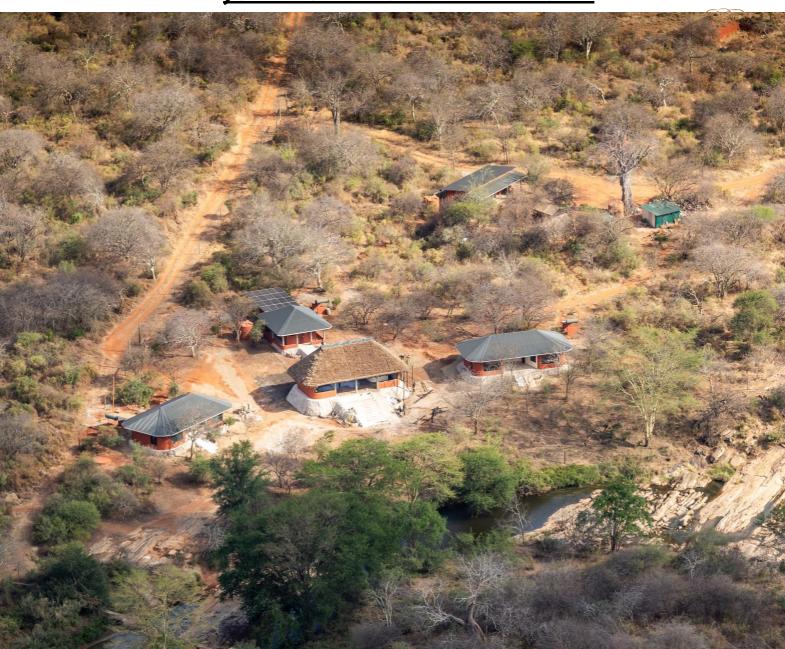


Tsavo Trust is an action orientated, field-based, Kenyan not-for-profit conservation organization that recognizes the importance of a holistic approach to biodiversity conservation. www.tsavotrust.org

Tsavo Trust film clip: https://www.youtube.com/watch?v=qGgM6-gqZ0E&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

<u>St</u>	UMMARY of ACT	<u>TVITIES:</u>				
WILDLIFE (CONSERVATION P	ROGRAM: Big Tusker Project	– Aeria	l & Ground Activiti	es	
A	ctivity	Hours Flown		Kilomet	ers Covered	
A A	Aerial Unit	61 (352 for year) Average 140km p/h of low-level i	light		8,747 (49,455km for year) Flights carried out jointly with KWS staff	
Rh Rh	ino Aerial Patrols	Aerial Patrols: 18 (6 TWNP; 1 (120hrs for year to date)	TENP)	Aerial: 2,079 (13,6701km for year)		
		Field Patrol Days		Kilomet	ers Covered	
	ction Activities (Joint & Community Scouts)	Protection teams: 180 days (1,092 to Monitoring teams: 150 days (882 to		Vehicle patrols: 14,7 Foot patrols: 1,309kr Monitoring teams: 1		
Big T	Tusker Project	14 Tuskers – 4 Super Tusker Tusker (3 sig		ights), 8 emerging bu individual observation		
Collared Eleph Joint KWS/STE		9 sightings: record forms su	ıbmitted t	to STE (aerial and gro	ound observations)	
Ivory recovere	ed	8 elephan	t tusks (4	2 for the year to date)	
Elephant more	tality	Fresh: 3 (Less than 3 weeks old) (c of d: 2 natural; 1 unknown)	(Les	Recent: 1 s than 3 months old) c of d: unknown)	Old: Nil (More than 3 months old)	
High Value Sp	vecies Monitoring	Ongoing partner with WRTI / KWS TCA Research: Monitoring black rhino, Hirola, Grevy's zebra, large carnivores, Roadkill Surveys, Southern Ground Hornbill etc				
Wildlife - Tred 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 camp	os/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 r	recovered	119 by Tembo Teams: 282 sn	ares for th	ne year to date (170 sm	all; 111 medium; 1 large)	
Bushmeat reco	overies	13 (305kg for the year to date) 6 vulturine guinea fowls and 1 crested francolin				
Poachers Equ	*	1 bicycle, 1 panga, 1 axe and 3 catapults				
Night Ambush	nes	Joint KWS / TT: 6 (M			o Conservancy)	
Firefighting		1 fire response - (In Taita ranch.)				
Human Eleph	<u> </u>	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 Train		2 TT Officers Masters training; 2 KWS Officer Masters training; 1 TT Officer Bachelors				
TT HQ Rainfa	<u> </u>	5 mm. Total rainfall to date for 2024: 212mm				
Significant notes						

Southern Kenya" initiative to foster environmental stewardship among 2,000 students in three secondary and nine primary schools in and around Kamungi Conservancy

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

FORMAL FIELD CONSERVATION PARTNERS PROGRAM: (Full list of supporters/partners shown on last page)

























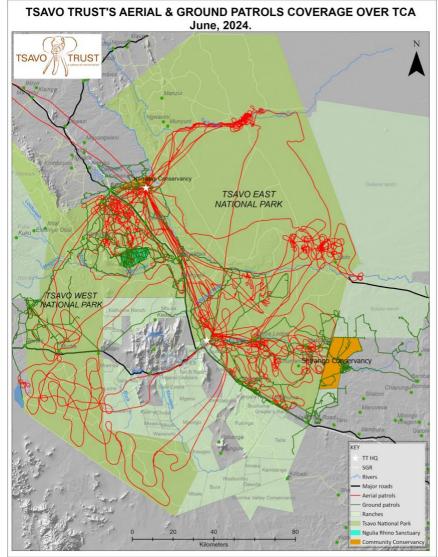






Aerial Reconnaissance and Ground Patrols - Areas Covered:

- 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.



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 Key Notes & Observations:

• Table 2: Elephant Carcasses Observed: Shows fresh, recent and old elephant carcasses observed:

Date	No.	Fresh	Recent	Old	Cause of Death	Location
06/06/2024	1	1	-	ı	Natural, KWS/TT retrieved 2 tusks	TWNP - Ziwani
08/06/2024	1	-	1	ı	Unknown, TT retrieved 2 tusks	TENP – Satao
08/06/2024	1	1	-	-	Unknown, TT retrieved 2 tusks	TENP - Mukwaju
23/06/2024	1	1	-	ı	Natural, KWS/TT retrieved 2 tusks	TWNP – Tsavo River
Month Total	4	3	1	•		
Total 2024	19	12	3	4		

• Table 3: Poachers Activities Observed: Shows fresh and recent poachers' blinds/hides/platforms observed:

Date	No		Recent Poachers hide, blind, camp	Location				
Nil	-	-	-	-				
Month Total	-	-	-	-				
Total 2024	-	-	-					
Not included	ded Charcoalers camps close to TENP boundary – Kulalu Ranch, and cattle bomas outside the Parks							

• Table 4: Illegal livestock grazing: Shows aerial & ground observations - active livestock bomas & estimated number livestock inside the Parks only:

TCA Park	Active Bomas	Cows	Shoats	Donkeys	Herders/People	Others / Notes
TENP	1	1,210	-	-	3	Observed along the Northeastern boundary of TENP.
TWNP	2	5,420	-	5	4	Encountered mostly in the Southern Sector of TWNP
TOTALS	27	6,607	1,840	25	18	

Table 5: Shows some examples of joint KWS/TT activities and outcomes from aerial patrols:

Date	Incident	Location
Routine &	Regular aerial patrols carried out to complement KWS Park field operations &	TENP, TWNP, and
Monthly	management	dispersal areas
01/06/2024	Big Tuskers Monitoring flight. 2 Super Tuskers (BA1 and HA1) located.	TENP – Northern sec.
07/06/2024	Rhino monitoring flight. 17 rhinos sighted within the Ngulia Rhino Sanctuary	TWNP – NRS
08/06/2024	Routine monitoring flight. 2 elephant carcasses (1 fresh & 1 recent located)	TENP – Southern sec.
08/06/2024	Rhino monitoring flight. 9 free-ranging black rhinos located	TENP – TE IPZ
12/06/2024	Collared elephant monitoring. Collared elephant Manolo & Tsavo Bull located.	TENP – Southern sec.
17/06/2024	Illegal livestock monitoring flight. 2,530 cattle and 5 donkeys were seen.	TWNP – Southern sec.
23/06/2024	Big Tuskers Monitoring flight. 1 Super Tuskers & 2 Emerging Tuskers located.	TENP – Southern sec.

Financial Support to KWS & WRTI Activities Inside TWNP & TENP:

Table 6: Shows brief costs of activities carried out by Tsavo Trust to complement KWS in Tsavo:

TT Activity	Cost (\$) Justification	Total \$
Aerial support – ongoing TENP & TWNP	61hrs in Super Cub aircraft @ \$300 all incl.	18,300
Vehicle running costs - Field Mobile Teams (Tembo 1, 2, 3,	11 vehicles covered 28,426 km @ \$1 p/km incl.	28,426
4, 5, 6, 7, 8, 9, 10 & Kamungi S.) ongoing TENP & TWNP	fuel, tires, maintenance, servicing & f/c insurance	
TT Field Staff x 54 (Tembo teams)	Costs not Included	-
TWNP NRS general support	200ltrs diesel – rhino security	270
TWNP IPZ general support	Rations and airtime	185
TWNP IPZ general support	Fire beaters	2,705
TWNP - IPZ tractor monthly support	1 4x4 tractor/trailer/water bowser ongoing support	538
TENP - Dakota Platoon Vehicle Diesel	200ltrs p/month – security vehicle	270
TENP – CC vehicle support	100ltrs p/month – security operations	130
TENP - DSTV Dakota Base - ongoing	Monthly subscription	40
TENP general support	Fire breaks (Grader blades, Fuel & allowances)	2,526
TENP & TWNP – KWS Field Allowances	KWS Rangers attached to TT teams	916
HEC 33km Mtito elephant fence	Ongoing fence maintenance	397
TOTAL MONTH		54,703
TOTAL 2024 to DATE:		\$492,982

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	No.	No. Arrest	No.	No.	Bushmeat	Poacher	No.	No.	Vehicle	Foot
teams	Field		Ivory	Snare	recvd.	equip.	Poacher	HWC	mileage	Patrol
	days		recvd	recvd	Kg	recvd.	camps	Cases	km	km
Tembo 1	30							1	2,984	432
(TENP) &				8			_	1 HEC 12		
Shirango Scouts		-	_	3 small	_	_		elephants		
(6 TT Scouts + 3				5 medium		_		driven from		
KWS Rangers)								farms		
Tembo 3	30	12		7					2,630	121
(TWNP)		3 Illegal	_	All small	_	_	_	-		
(6 TT Scouts + 3		herders & 5								
KWS Rangers)		loggers								
Tembo 5	30								1,998	206
(TWNP)		_	-	-	-	-	_	_		
6 TT Scouts + 3										
KWS Rangers										
Tembo 7	30			42					3,042	148
(Kulalu/TENP)		-	-	15 small	-		_	-		
5 TT Scouts + 3				27 medium		-				
KWS Rangers										
Tembo 9	30								2,933	199
(Kulalu/TENP)		1	2	_	-	_		-		
5 TT Scouts + 3		Illegal	4	_		_	_			
KWS Rangers		herders								
Kamungi	30	4		62	13			2	1,132	203
Scouts		2 illegal		54 small	6 vulturine		-	12 eles & 1 buffalo		
4 Scouts		entry, 1 for bushmeat	-	5 medium 3 bird traps	guinea fowls & 1 crested	_		driven		
		poaching & 1		5 bird traps	& 1 crested			from		
		charcoaler						farms		
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	No. Field	Activities	Endangered species	Operating	Vehicle
teams	days		records/sightings	locations	mileage km
Tembo 2	30	-Tusker monitoring	-Tuskers – 10 sightings	Tsavo East Nat. Park –	3,687
(TENP)		-Hirola monitoring	-Hirola – 1 sighting	mainly southern,	
(3 TT staff +		-Grevy's zebra monitoring	-Grevy's Zebra – 5 sightings	central, and eastern	
2 WRTI)		-Carnivore monitoring	-Large Carnivores – 11 sightings	sections including, Voi	
2 ((11)		-Carnivore scat analysis: hair	-Ground Hornbill – 4 sightings	River & Shirango Conservancy	
		content	-Road & Rail kills – Nil	Conservancy	
MIN		-Highway & SGR roadkill surveys	-Elephant carcasses – Nil		
• • • • •		-Camera trap surveys	- Ivory recovered. – Nil		
		-Fixed point photos	- Collared elephants – 1 sighting		
		-Collared elephant reporting	- Carnivore scats collected - Nil		
Tembo 4	30	-RHINO monitoring – TW IPZ	-IPZ Rhinos – 21	Tsavo West Nat. Park	2,293
(TWNP)		-Camera trap surveys - rhino	-Tuskers - Nil	 IPZ and Triangle 	
(2 TT staff +		-Big Tusker monitoring	-Large Carnivores –1 sighting		
4 KWS)		-Large Carnivore monitoring	-Collared elephants – Nil		
T KWS)		-Collared elephant reporting	-Elephant carcasses – Nil		
N-7C-N			- Ivory recovered. – Nil		
Tembo 6	30	-RHINO monitoring – TW IPZ	-IPZ Rhinos – 21	Tsavo West Nat. Park	3,145
(TWNP)		-Camera trap surveys - rhino	-Tuskers - Nil	 IPZ and Triangle 	
(1 TT staff +		-Big Tusker monitoring	-Large Carnivores – 2 sightings		
4 KWS)		-Large Carnivore monitoring	-Collared elephants – Nil		
4 KWS)		-Collared elephant reporting	-Elephant carcasses – Nil		
N TO			- Ivory recovered. – Nil		
Tembo 8	30	-RHINO monitoring – TW NRS	-NRS Rhinos – 28	Tsavo West Nat. Park	2,583
(TWNP)		-Camera trap surveys - rhino	-Tuskers - Nil	- NRS	
(1 TT staff +		-Big Tusker monitoring	-Large Carnivores – Nil		
4 KWS)		-Large Carnivore monitoring	-Collared elephants – Nil		
4 KWS)		-Collared elephant reporting	-Elephant carcasses – Nil		
177			- Ivory recovered. – 2		
Tembo 10	30	-RHINO monitoring – TW NRS	- NRS Rhinos – 30	Tsavo West Nat. Park	1,999
(TWNP)		-Camera trap surveys - rhino	-Tuskers - Nil	- NRS	
(1 TT staff +		-Big Tusker monitoring	-Large Carnivores – 7 sightings		
4 KWS)		-Large Carnivore monitoring	-Collared elephants – Nil		
		-Collared elephant reporting	-Elephant carcasses – Nil		
NO.			- Ivory recovered. – Nil		
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 Mwende.



<u>COMMUNITY CONSERVANCY</u> <u>PROGRAM:</u>



ACTIVITY	KAMUNGI Conservancy	SHIRANGO Community Conservancy
Ongoing partnership	North boundary of TWNP – Triangle, since 2014.	South boundary of TENP – Voi River area, since 2016.
between Tsavo Trust & KC	Total area approx. 100km ² Makueni County;	Total area 270km ² Kilifi County; Ganze Sub-County;
& SCC	Kibwezi Sub County; Mtito Andei Division; Mtito	Bamba Ward; Mitangani location; Gede Sub-location.
a see	Andei Sub-location; Ngiluni Village.	
Employment	Between Tsavo Trust & partners 45 permanent staff	Tsavo Trust employs 14 staff from SCC including a
(Through Tsavo Trust)	& 15 casual staff employed generating over	Community Liaison Officer (CLO) to spearhead
(======================================	\$12,000 (Ksh.1,320,000) of income into Kamungi	activities. Salaries generate over \$3,000 (Ksh.330,000) of
	monthly.	income monthly.
Community Mobilization	15 community meetings were held.	2 community meetings were held.
and Sensitization Meetings	> 07/06/2024: Kamungi Conservancy monthly	➤ 11/06/2024: Meeting for the handover of 46 home
8	meeting held at Ngiluni water tank.	solar solution kits held at the Shirango ECD
	➤ 14/06/2024: HWC mitigation workshop held	grounds. The Bamba acting Assistant County
	at TW Education Centre, Mtito Andei.	Commissioner, KWS representative, TT Chief
	> 17/06/2024: Local administration meeting	Community Officer, TT Conservancy Manager,
	with the assistant chief, village elders, and	Area Chief, sub-chiefs and Shirango Conservancy
	Nyumba Kumi on general security.	members were present.
	➤ 24/06/2024: Meeting with Exodus Travels	➤ 28/06/2024: Meeting for the handover of 25 water
	Foundation to plan the "Empowering	tanks (3,000ltrs) held at the Shirango ECD grounds.
	Tomorrow's Stewards" project, which aims to	The Ag. Sub County Administrator Ganze, TT Chief
	boost conservation awareness in Kamungi.	Community Officer, Representative of KWS Senior
	> 26/06/2024: Conservation Education	Warden Community Arabuko, TT Conservancy
	Stakeholder Workshop: 23 key stakeholders,	Manager, Bamba Ward Admin, Assistant Chiefs and
	including the Ministry of Education attended.	Shirango Conservancy Members were present.
Membership	Through a registered CBO KC membership	Through a registered CBO SCC membership represents
	represents 385 families & over 3,850 individuals	at least 2,300 individuals from 5 villages, mainly from
	from 13 villages, mainly from the WaKamba	the Watha and Giriama ethnic groups.
Water Davis	community.	Double and olements in also but allow
Water Project	103,190 litres issued at Ngiluni Water Tanks. Additionally, TT provided 110 dam liners and 28	Borehole, pump, and solar panels are in place, but saline
	water tanks. (220,086 litres for the year to date)	water. Construction of an earth dam completed.
	Ngiluni Primary School connected to piped water.	Construction of an earth dam completed.
Basic Health care	284 patients attended for the year to date. Still	There is a need to support this project.
Basic Health Care	waiting for the retired nurse replacement.	There is a need to support this project.
Constructions	KC additional scouts & office units in progress.	SCC additional scouts & office units to commence soon
Constructions	Works for the Kamungi bandas completed.	See additional scouts & office units to commence soon
Education	Paid for 2 teachers (1-Ngiluni & 1-Kamunyu	
<u> Zameunon</u>	School in KC) for the last 9 years. Ongoing.	None at present
Bursary Scheme	6 youth trained in hotel management (certificate).	1
Dursary Scheme	Started on April 22	None at present
	12 needy students selected being supported.	•
Village Saving & Loan	5 women-run VSLAs are in progress: In	None at present
Associations – VSLA's	partnership between ZSL / KC & TT	
Poultry Project	3 poultry projects:	None at present
	partnership between ZSL / KC & TT	1
Training	VSLA livelihoods, HWC Mitigation, Climate	Climate Smart Agriculture by KALRO.
	Smart Agriculture, permaculture	- India of the india.
HWC Mitigation	7 x 1-acre bee fences, total 105 beehives with 2	N/A yet
Elephant Bee Fence	currently occupied.	
•	10% fence plan completed Phase 2 completed:	10% fence plan constructions completed: Total 8 plots
10% Fence Plan	Total 16 plots (HWC electric fencing of 10% of	(HWC electric fencing of 10% of individual land). 100%
	individual land). There are issues with plots/land	effective in keeping elephants and other wildlife from
	being purchased by a local NGO in this area that is	fenced farmlands.
	threatening this innovative project, but mitigating	
Produtor Proof homas	measures are in place	
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	36 cases recorded: 13 elephant; 12 Buffalo; 3	19 cases recorded: All elephant related.
(HWC)	leopard; 2 Baboon; 1 Hyena and 5 Snake.	
Land Tenure	Ongoing	SCC land is currently a traditional communal mode of
	Onsome	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
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 Makueni 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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