

MAASAI WILDERNESS CONSERVATION TRUST

IMPACT REPORT
JAN - MAR 2022



Q1

FOUNDER'S MESSAGE

Dear MWCT supporter,

2022 has not started with the best auspices, but apart from the challenges, we also have great news. What is not good, is that rains were very poor, and we are heading towards an awful drought.

It will affect wildlife and livestock.

You will see in the report that poaching is high. This is pot poaching, by people who are poor and in desperate need of an income and/or food.

It does not make it more tolerable, but, humanly, it makes it more understandable.

We have done all we could to restore pre-Covid salaries and keep all employed, but the unemployment in Kenya, especially in this ecosystem, is dramatic.

Hence the poaching pressure.

The good news:

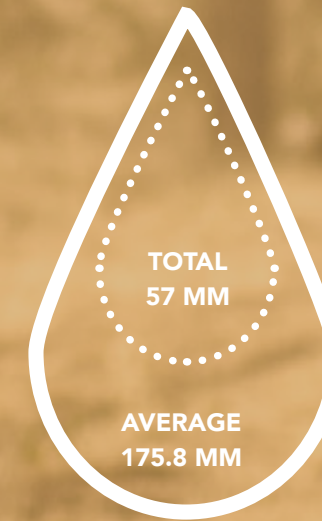
1. Rangers are getting trained to operate better and deal with the new challenges.
2. SMART is assisting us to get better use of their tool, helping us become more effective in anti-poaching.
3. A fantastic car manufacturer has chosen MWCT as their conservation partner, and we are about to receive their electric vehicles. An official announcement will be made soon.

These three factors are expected to increase our efficiency and contain poaching.

The Chyulu Hills REDD+ Carbon Project continues to thrive and we are expecting our second lot of 3,100,000 credits to be validated soon. This PES has proven fundamental to support conservation in the ecosystem during the Covid emergency.

Best regards,

Luca Belpietro
MWCT Director



RAINFALL

CONSERVATION

Wildlife Security & Habitat Protection
Ranger Patrol
Incidents & Conflicts

Wildlife Monitoring
Species Sighting
Simba Scouts
Camera Trap Results

Predator Protection
Wildlife Pays

Land Restoration
Bee-Keeping
REDD+ Carbon Project

LIVELIHOODS

JustDiggIt
Restoration Projects

HEALTH

Outreaches
Family Planning

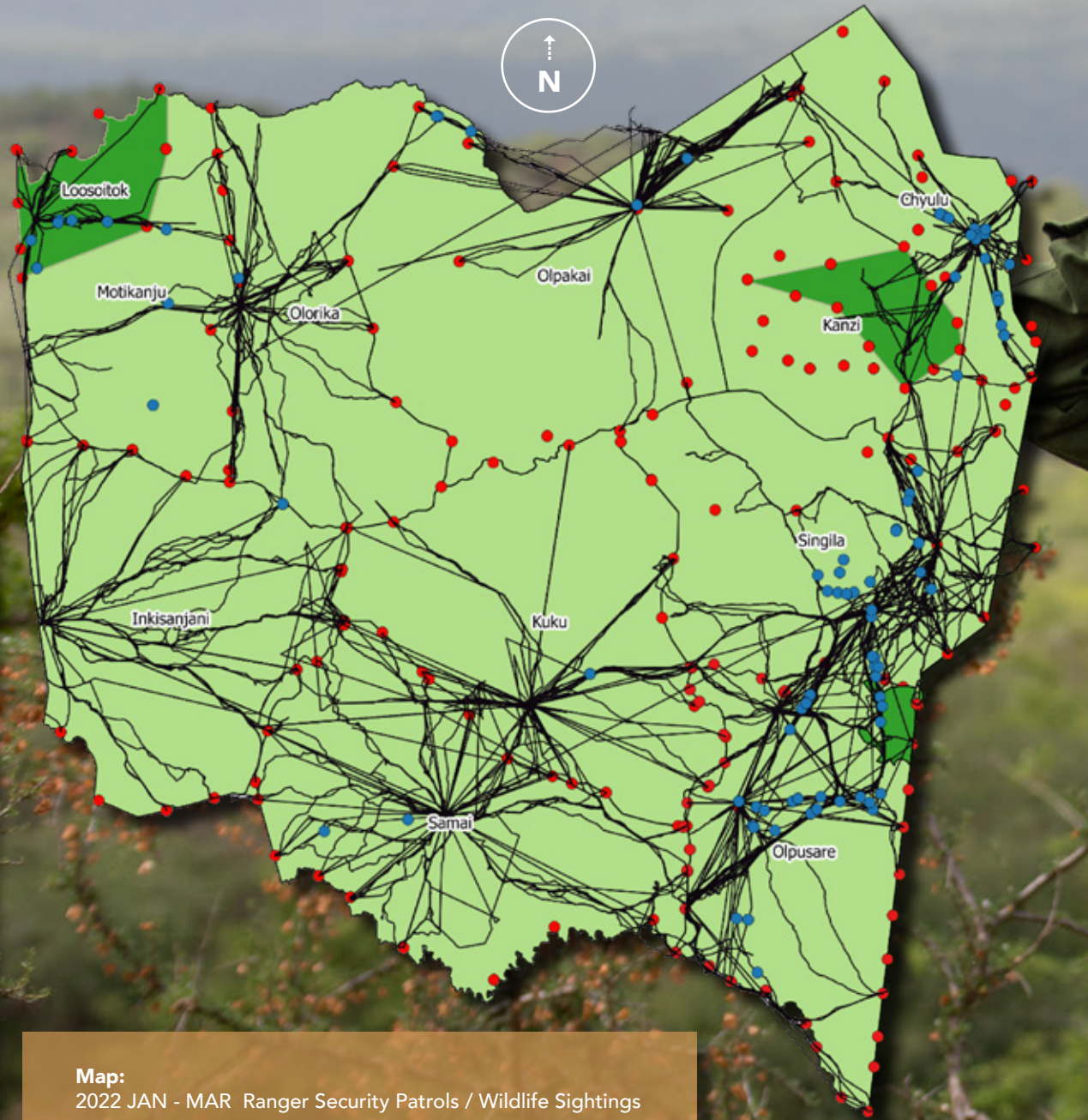
EDUCATION

Achievements
Challenges

PARTNERS & SUPPORT



WILDLIFE & HABITAT PROTECTION



Map:
2022 JAN - MAR Ranger Security Patrols / Wildlife Sightings

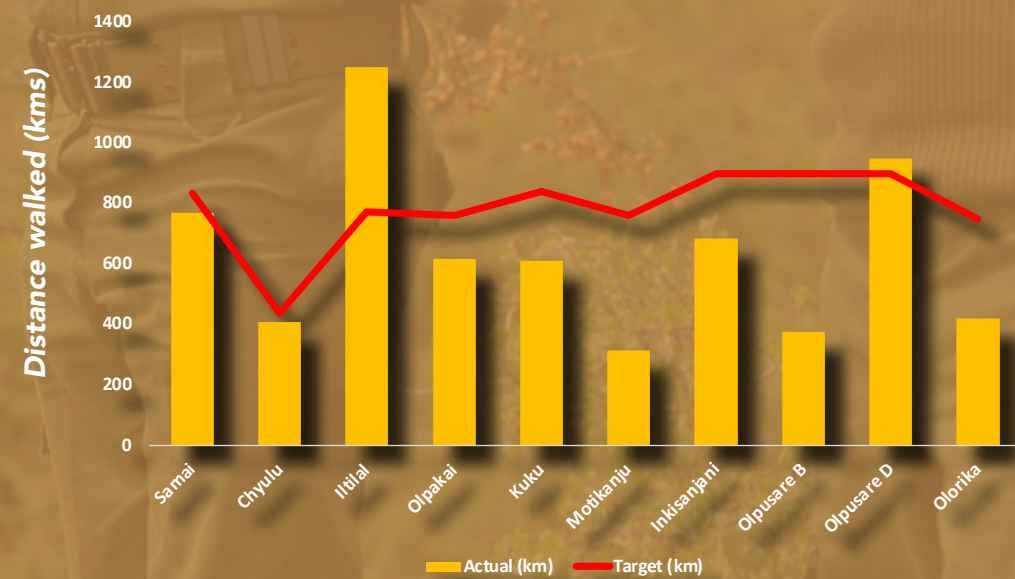
- WILDLIFE SIGHTINGS
- PATROL POINTS
- RANGER PATROLS
- KUKU GROUP RANCH SECTORS
- CONSERVANCY

Ittilal sector covered the greatest distance (1,250 km). The team faced some technological challenges with SMART (connect), which had contributed to some data delays and lower statistics.

SECTOR	ACTUAL DISTANCE (Kilometers)	TARGET DISTANCE (Kilometers)
Samai	769	834
Chyulu	409	438
Ittilal	1,250	774
Olpakaai	617	762
Kuku	611	840
Motikanju	314	762
Inkisanjani	686	900
Olpusare B	377	900
Olpusare D	948	900
Olorika	420	750

Total **6,401** **7,860**

Ranger patrol targets and actual distances reached. Distance targets vary depending on the size of the sector.



179
RANGERS

SMART & Cybertracker

Data Collection Trained



14

Sectors



6 to 8

Rangers per sectors



123

Dedicated Rangers for daily Kuku Group Ranch patrols



6,401

Total kilometers on foot



↓35%
vs. Q1 2021

INCIDENTS & CONFLICTS

JAN

JAN 8 - GIRAFFE POACHING

Reported by: Muentet Natang'oyo
Report received by: Assistant Ranger Commander
Area covered: Ilerai Nanyokie

Summary: A community member from Kuku village reported that he had come across a giraffe carcass while herding. The Assistant Ranger Commander instructed the Kuku rangers to report to the site and confirm the incident. Once confirmed, the incident was also shared with Kenya Wildlife Service. Consequently, an operation was planned in the Kuku-Samai area in efforts to capture the perpetrators. The investigation is ongoing.

JAN 10 - GIRAFFE POACHING

Reported by: Kalai Sainepune – Community Member
Report received by: Samai Ranger Sector
Area covered: Samai

Summary: A community member went to Samai ranger station and informed our rangers about a dead giraffe she came across, while collecting firewood. The rangers accompanied the woman to the site, where they found a fresh semi-adult giraffe carcass. Our rangers noticed that a sizable chunk of flesh had been extracted from the carcass. The ranger in command shared the information with the Assistant Ranger Commander, who in consultation with the Conservation Manager, decided to increase night observation post teams in the west of Kuku Group Ranch. The investigation is ongoing.

JAN 13 - GIRAFFE POACHING AND ARREST

Reported by: Matasha Melita (Ranger in Charge)
Report received by: Assistant Ranger Commander
Area covered: Samai

Summary: Jan 12 – Matasha Melita assembled a team of 6 rangers from Kuku and Samai Sectors with the directions of the Assistant Ranger Commander. The team was assembled in response to an increase of poaching incidents in the area. The team set an observation post at Mkulenda Hill that evening. They monitored the area until around 3am the next day.

Jan 13 – The rangers noticed motorbike lights and 2 torches down the hill moving into the bushes. Immediately, the ranger in charge informed the Admin Sergeant to organize for a vehicle to support the operation. Upon the arrival of the vehicle, the team split in two and they successfully intercepted the motorbike. They found the suspect carrying a sack with 120 kgs of giraffe meat, and a black torch.

The suspect was taken to KWS Loitokitok Station where he was booked with the exhibit recoveries at Loitokitok Police Station and recorded statements. He was taken to court on 14/01/2022.



Jan 13: The giraffe carcass with suspect and MWCT rangers (left), sack of giraffe meat (right).

FEB

FEB 18 - GIRAFFE POACHING

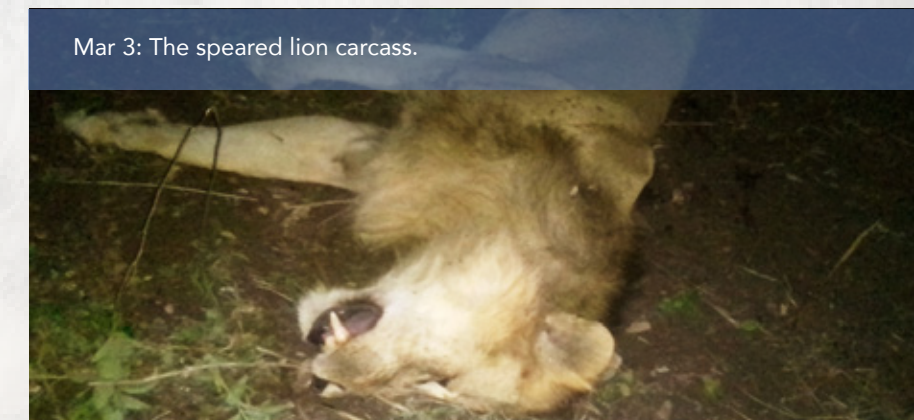
Reported by: Jackson Lemiti - Community Member
Report received by: Radio room operator
Area covered: Enkii

Summary: Jackson Lemiti reported to radio operator, Beatrice Nabulu, that some herdsmen in his area had found a giraffe carcass, while looking after their livestock. Our Motikanju rangers went to visit the incident site and found the carcass, confirmed the poaching incident, and assessed the carcass to be two days old from the day it was killed. Investigation on finding the suspect is ongoing.

FEB 26 - GIRAFFE POACHING

Reported by: Lenkerai Sereka – Motikanju sector Sgt. In-charge
Report received by: Radio room operator
Area covered: Olorika area

Summary: Lenkerai reported that he had come across a freshly killed giraffe carcass, while on their normal foot patrol in Olorika area. Both Motikanju and Olorika Sector Rangers were instructed by the Ranger Operations Commander to remain more vigilant and be on the lookout for any suspicious activity within the area. Investigation on finding the suspect is ongoing.



Mar 3: The speared lion carcass.

MAR

MAR 3 - LION SPEARING

Reported by: Lepilal Lekeri - Olpakaai Sector Ranger
Report received by: Radio Operator
Area covered: Center

Summary: Lepilal received information from a community member, Joseph Murua, that a lion had been speared in Center area. Joseph reported that his herder speared the lion after it attacked one of his cows. The cow had some injuries on its back and neck but did not die from the attack. The herder had speared the lion while it was attacking the cow. The lion died that same day.

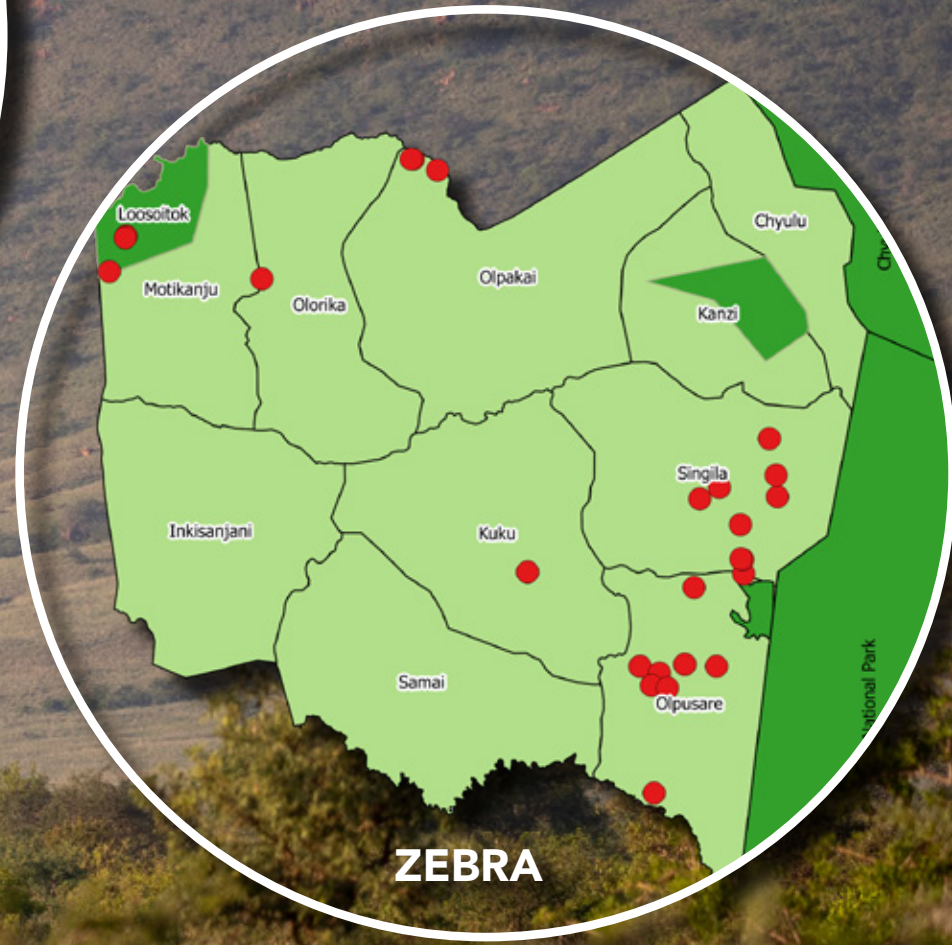
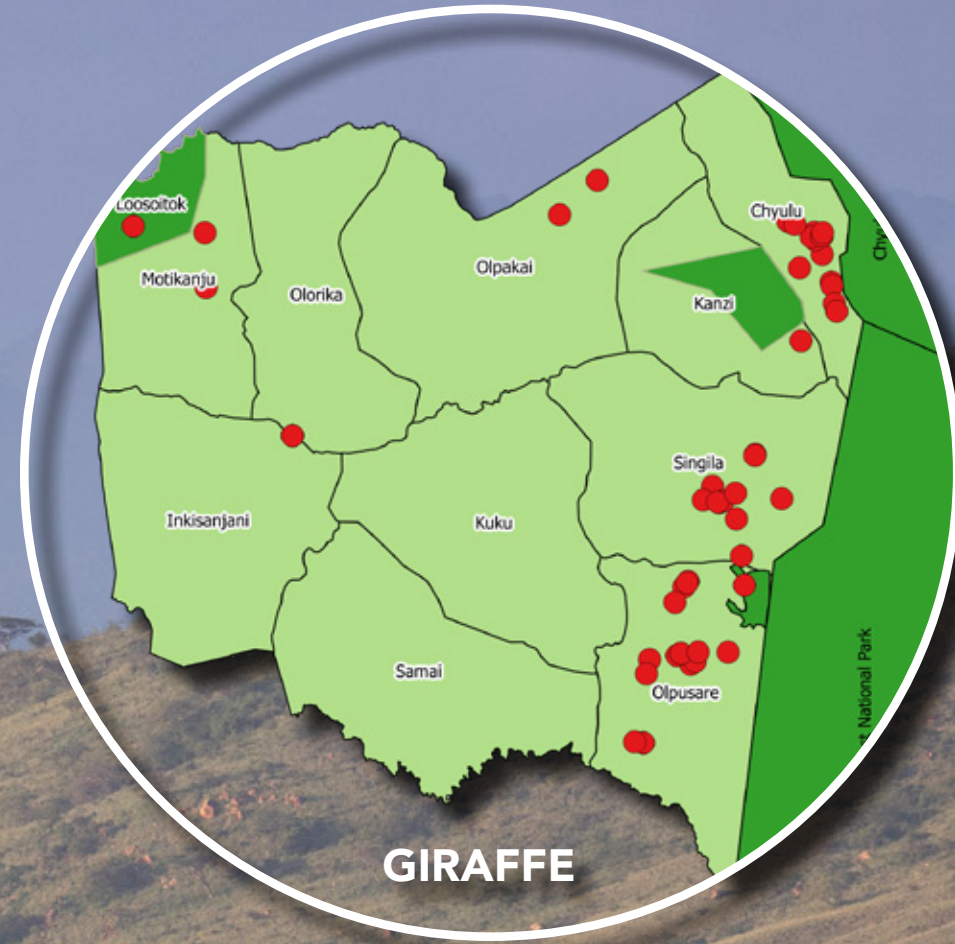
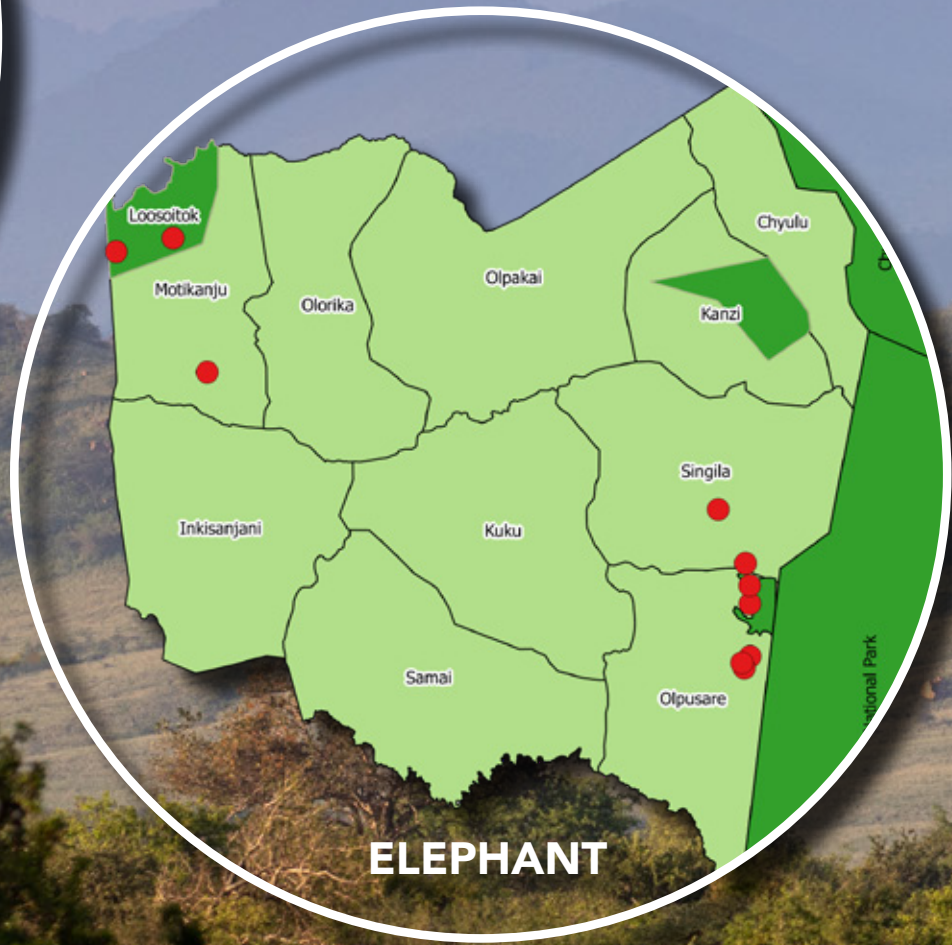
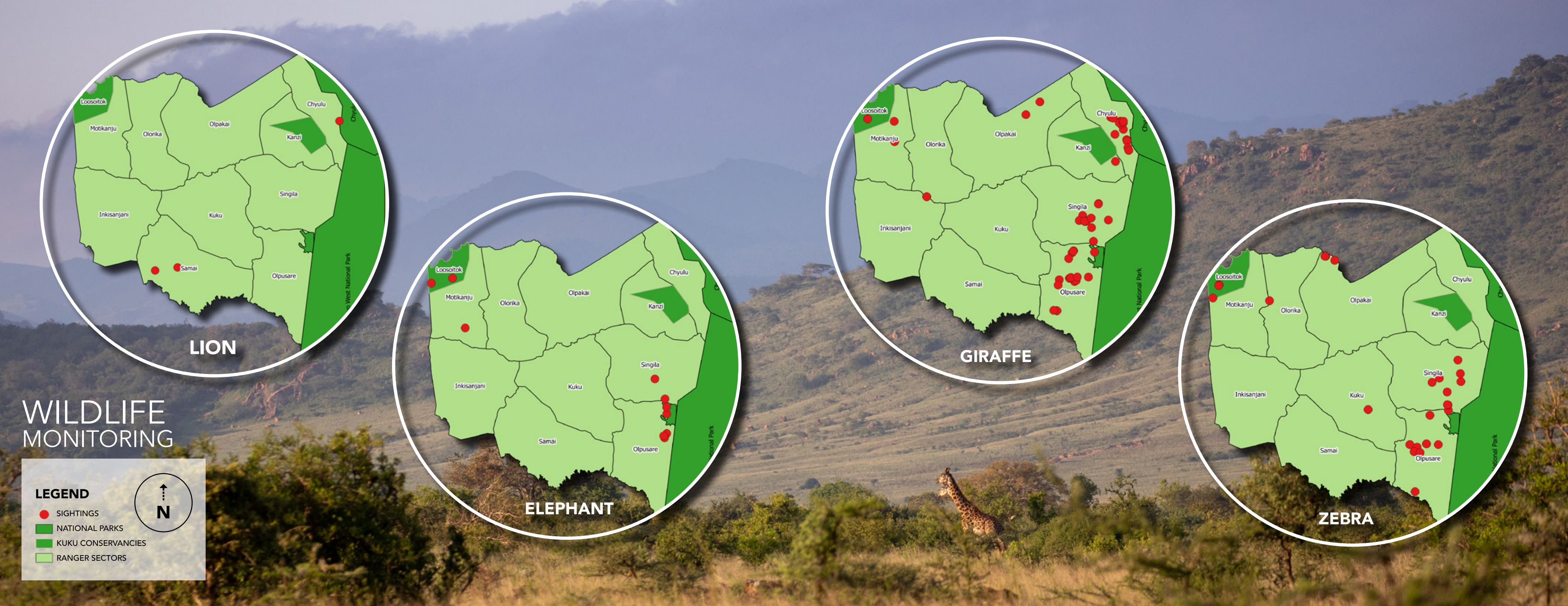
The MWCT Operations Commander immediately sent a team of 5 rangers to collect more details of the incident. The team arrived at Joseph's boma, then proceeded to the incident site to investigate the speared lion, where they found the carcass with visible spear wounds on its back.

All the information collected was shared with Kenya Wildlife Service (KWS), who reported to the incident later that evening. KWS investigators concluded that the incident was in self-defence as the herder initially had the intention of scaring the lion away from their livestock.

MAR 14 - GIRAFFE DEATH

Reported by: Musa Ntiraai, Iltlal Airstrip In-charge
Report received by: Radio Operator
Area covered: Moilo


Summary: When our team received information of a dead giraffe in Moilo, the Ranger Operations Commander, Assistant Commander and Conservation Manager all reported to the incident site. Our team concluded that the giraffe died of natural causes, as it looked like it had fallen and drowned inside a water channel. There were no signs of human-induced cause of death to the body of the giraffe. The incident was then reported to Kenya Wildlife Service (KWS), and with their permission, our rangers removed the carcass from the channel, as it was blocking the waterway used for irrigation in Moilo.



WILDLIFE MONITORING

LEGEND

- SIGHTINGS
- NATIONAL PARKS
- KUKU CONSERVANCIES
- RANGER SECTORS





SIMBA SCOUTS

This is a **dedicated team of 18 Maasai warriors** (morani), who day in and day out monitor GPS collared lions & other wildlife species. Data collected is analysed and used to gauge various aspects of different wildlife species such as their eating habits. The monitoring is also a very significant measure to mitigating human-wildlife conflict within the local Maasai communities.

LION KILLING / MORTALITY

There were several lion depredations this quarter. There were retaliatory hunts on:
 Jan 15th in Moilo
 Feb 12th in Oldonyo Sambu
 Feb 17th in Elangata Enkima

In all incidents, the Simba Scout team, in collaboration with our Wildlife Pays Officers, and Community Rangers responded quickly and successfully prevented the hunts from happening.

On Mar 25th, our Simba Scouts found a lioness carcass in Tsavo WNP, less than a kilometre from the KGR boundary. It was reported to KWS and their Veterinary team concluded that it was a poisoning incident. The carcass was burned. Further investigation is ongoing.

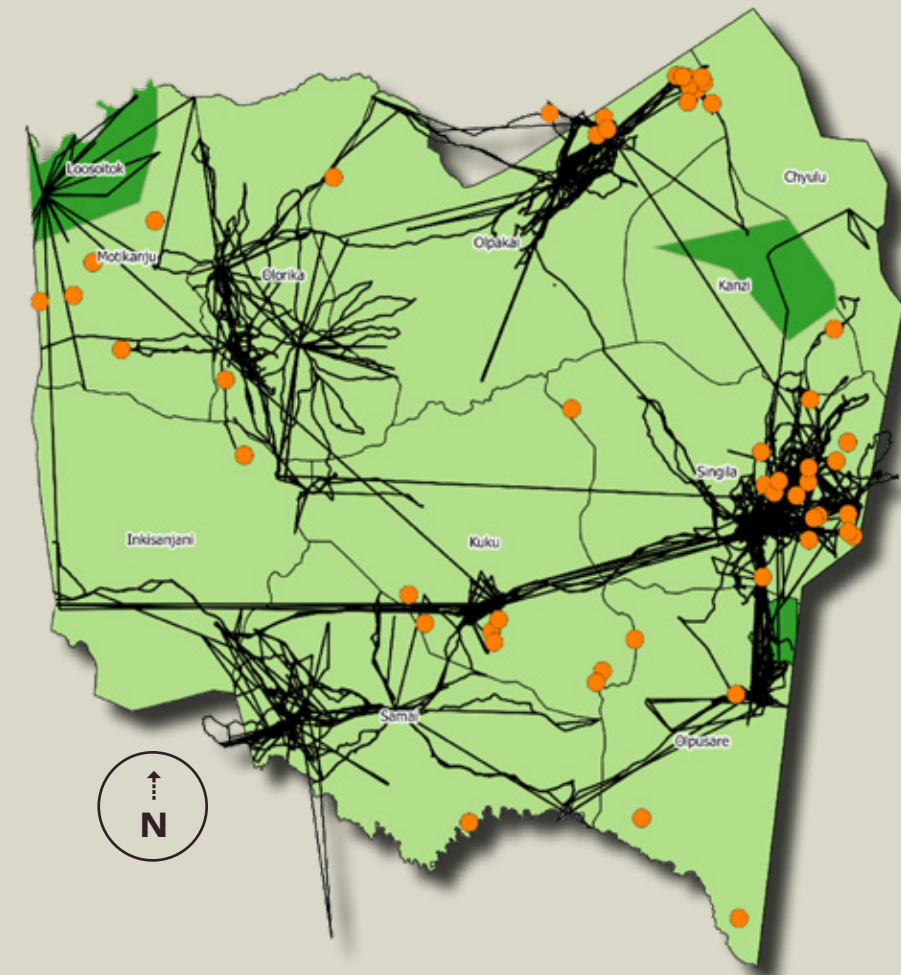
4,455

Total kilometers covered on foot this Quarter

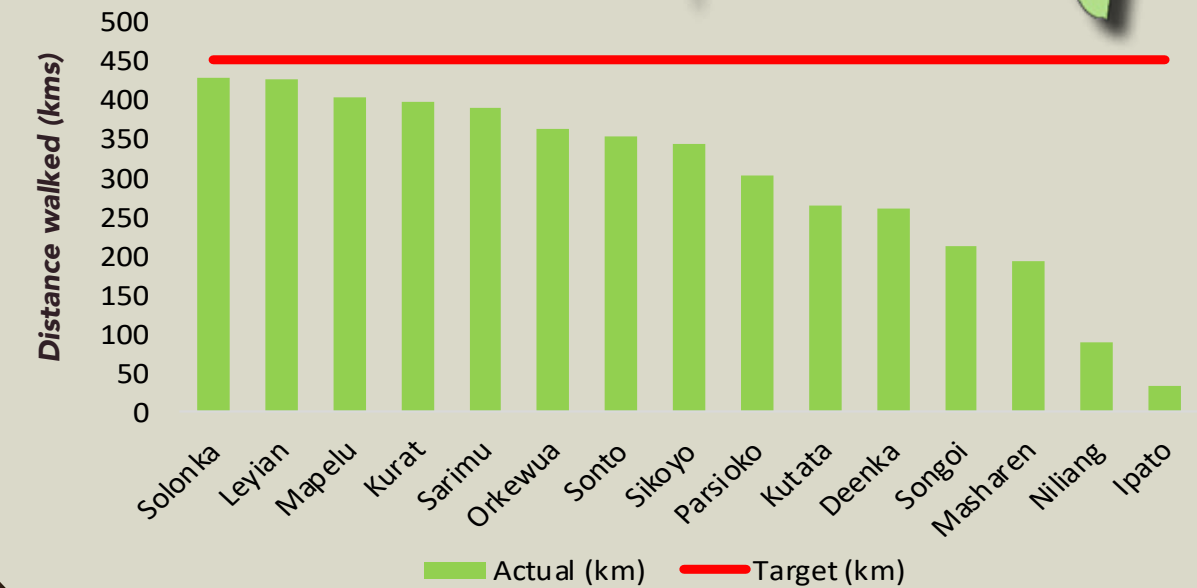
↓51%
vs. Q1 2021

MAP: Simba Scouts Patrol Points reached
 GRAPH: Overall graph depicting target distances and actual distances covered.

**Those that did not reach their targets had experienced health issues and SMART download issues or were concentrated on lion/wildlife conflicts in certain areas.*



- LION WILDLIFE PAYS CLAIMS ●
- SIMBA SCOUT PATROLS —
- KUKU GROUP RANCH SECTORS ■
- CONSERVANCY ■



CAMERATRAP SIGHTINGS

- ✓ GIRAFFE
- ✓ ELEPHANT
- ✓ HYENA
 - ✓ Spotted
 - ✓ Striped
- ✓ WARTHOG
- ✓ LION
 - ✓ Female
 - ✓ Male
 - ✓ Cubs
- ✓ LEOPARD
- CHEETAH
- GAZELLE
 - Grant's
 - Thomson's
- BABOON
- IMPALA
- HARTEBEEST
- WILDEBEEST
- ✓ ZEBRA
- BUFFALO
- DIK DIK
- ✓ JACKAL
- ✓ CARACAL
- ✓ KORI BUSTARD
- ✓ HONEY BADGER



\$16,453
TOTAL PAY OUT
OF CLAIMS
FOR Q1

275
INCIDENTS

↑ 20%
vs. Q1 2021

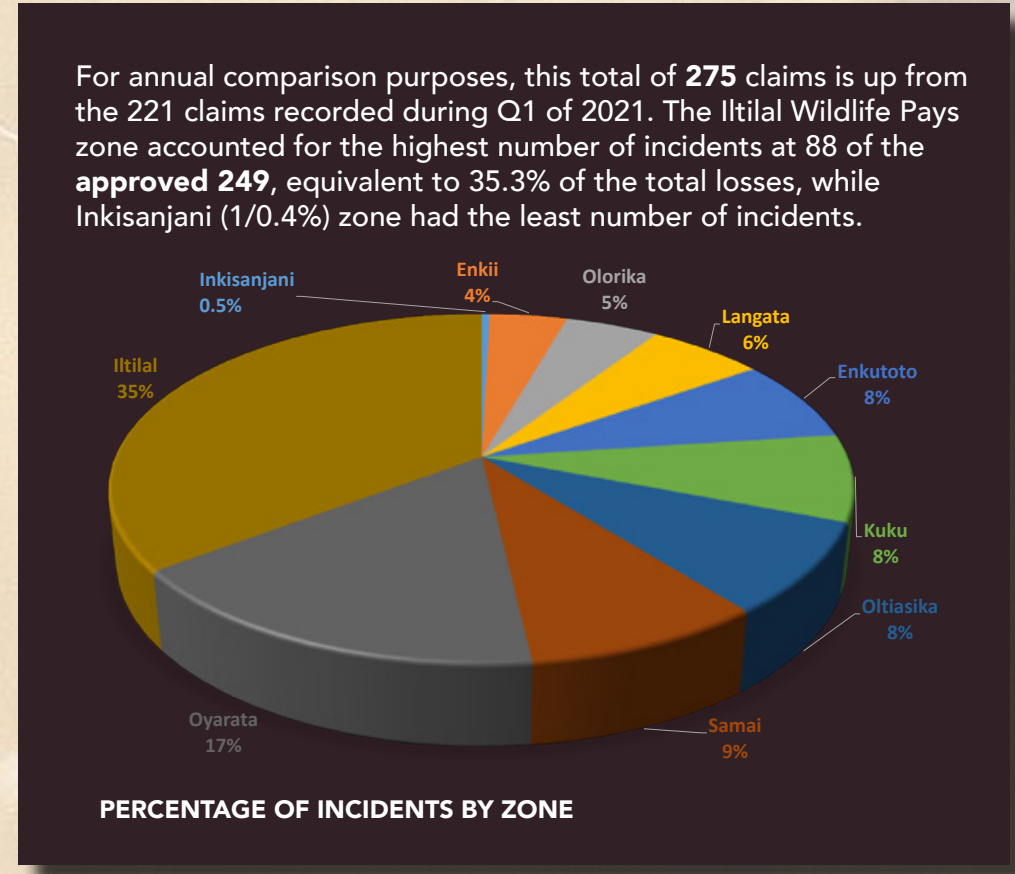
4
AVERAGE NUMBER
OF INCIDENTS
PER DAY

1,300
AVERAGE MONTHLY
KMS TRAVELLED PER
VERIFICATION
OFFICER

WILDLIFE PAYS

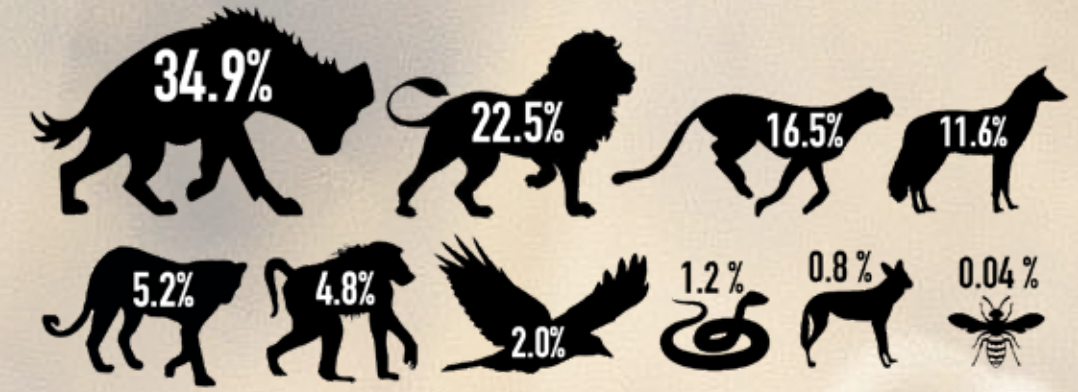
MWCT, in conjunction with the employment of Rangers and Simba Scouts, protects the major predators of our ecosystem in Kuku Group Ranch, through the Wildlife Pays Compensation Programme.

Through a rigorous multi-layer system of verification and dedicated officers, Wildlife Pays is able to detect and prevent possible cases of fraud that might undermine the programme. Payments are made quarterly and compensation is based on four types of livestock losses to ensure the Maasai pastoralists utilize good husbandry practices to prevent greater or further losses. Community outreaches and meetings are also an integral part of our predator protection strategy. Rangers, along with prominent community figures and MWCT staff, conduct meetings with communities that are feeling increased pressure of predation, as well as with the young Maasai warriors (Morani), to prevent the groups from any lion killing in retaliation to livestock losses.



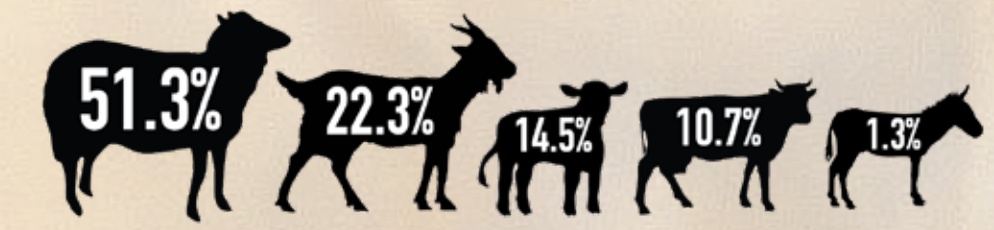
PREDATORS / WILDLIFE SPECIES

The most livestock taken in relation to predators were due to Hyena (87) followed by Lion (56), Cheetah (41), Jackal (29), Leopard (13), Baboon (12), predatory Bird (5), Snake (3), Wild Dog (2), and Bee (1). Specific percentages for the amount accounted for from each predator are reflected in the info graphic below.



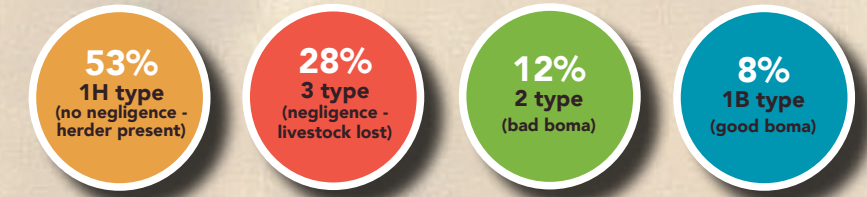
HEADS OF LIVESTOCK

A total of 318 heads of livestock were killed this quarter. The majority of livestock killed by predators were sheep (163/51.3%), followed by the other livestock species seen in the info graphic below.



CLAIMS & LOSS TYPES

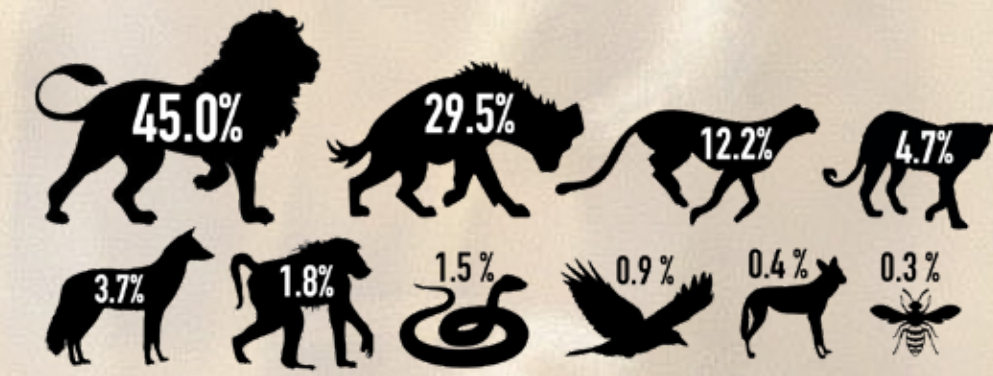
The total pay-out of claims was 1,909,900 Ksh (USD 16,453), which is higher than the amount paid in Q1 2021 (1,473,700 Ksh /USD 13,670).



Loss type 1H - The livestock was killed while a herder was present.
Loss type 1B - The livestock was in the boma when the predator attacked and the boma is well constructed and maintained.
Loss type 2 - Livestock was in the boma when the predator attacked but the boma was not of sufficient quality to protect the livestock within from predators.
Loss type 3 - The livestock was lost when the predator attacked. No herder was present.

Claims with loss type 1H or 1B receive the highest level of compensation. Loss type 2 claims have the second highest level of compensation and loss type 3 has the lowest level of compensation.

PREDATOR PAY-OUT VALUE PERCENTAGES



LAND RESTORATION / BEE-KEEPING

OLPUSARE CONSERVANCY

Olpusare Conservancy is a 2,000 acre landscape with a 450 acre wetland which has suffered from unsustainable farming techniques for many years. Our land restoration project aims to restore the wetland, its soil and its spring, with sustainable farming and reforestation activities. This quarter, the following activities were achieved:

ORGANIC FARM PROGRESS

This quarter, we harvested beets, carrots, spinach, eggplants, sukumawiki, cabbage, and plenty of cooking herbs (lemongrass, mint, oregano, coriander, and rosemary). Seedlings planted included chillies, baby spinach, lettuce, rocket, green pepper, and spring onion.



HIVE CHECKS

SAVE THE ELEPHANTS HIVES

- Enkii** - 6/15 hives colonized
- Inkisanjani (Women's Group)** - 11/15 hives colonized
- Inkisanjani (Farmer)** - 15/15 hives relocated
- Moilo** - 22/30 hives colonized

MWCT HIVES

- Campi ya Kanzi** - 3/3 hives colonize
- CCRC** - 17/19 hives colonized
- Chyulu** - 3/3 hives colonized
- Naga D & B** - 4/4 hives colonized

REDD+ HIVES

- Northern Kibwezi** - 25/80 hives colonized
- Southern Kibwezi** - 37/80 hives colonized
- Rombo** - 106/150 new hives delivered
- Mangaleta** - 25/100 new hives delivered

INDIVIDUALLY OWNED HIVES

- Enkii** - 2/3 hives colonized
- Inkaraatak** - 5/10 hives colonized
- Olpusare** - 14/20 hives colonized

REDD+ CARBON PROJECT

The Chyulu Hills REDD+ Project aims to protect the Chyulu Hills landscape, its forests, woodlands, savannahs, wetlands and springs, and its wild populations of Africa's best known animals. It is 100% owned and managed by local institutions that either own the land or manage conservation and community programmes on behalf of the land owners.

The nine owners include **4 indigenous Maasai community groups**, Kenya's national parks authority (**Kenya Wildlife Service - KWS**), its national forest service (**Kenya Forest Service - KFS**) and three NGOs, **Maasai Wilderness Conservation Trust (acting Project Office - PO)**, **Big Life Foundation**, and **Sheldrick Wildlife Trust**. This quarter, the following activities were achieved:

JAN

- Education committee meeting held in the East to discuss allocation of bursaries.
- The PO procured 250 desks for Rombo GR primary schools.
- The PO consolidated documents for Aster Global & South Pole pertaining to how the project is meeting specific indicators on climate, community and biodiversity project design standards.
- The PO implemented environmentally friendly menstrual kits for 3/5 Rombo GR primary schools.

FEB

- Conservation Manager, David Okul, attended the REDD+ Nesting and Carbon Markets two-day workshop hosted by Conservation International, and the Ministry of Environment and Forestry and Pollination.
- The East African Safari rally (Feb 10-18) is committed to environmental sustainability and have offset their emissions directly through the Chyulu Hills REDD+ Carbon Project.
- In the bursary allocation program, 329 students benefitted from Mbirikani Group Ranch. The PO team, with Big Life Foundation (BLF), visited homesteads of the beneficiaries of the bursary funds.
- The PO Eastern representative, Wilbur Mutua, accompanied MWCT's new Ranger Commander, Paul Onyango, for an introductory meeting to formally introduce him to Capt. Ochieng'.
- Steve Zwick, the host of Bionic planet podcast (sponsored by Verra), visited the PO to cover a summary of the various impacts achieved by the project.
- The PO distributed 250 desks for Rombo GR primary schools.

MAR

- The PO distributed 150 more desks for 3 Rombo GR primary schools.
- Conservation Manager, David Okul, attended a workshop on VCM integrity access in Kenya organized by Climate Focus.
- New Ambassador for the Magical Kenya Tembo naming festival, Edward Norton together with Acting Deputy Director General for Kenya Wildlife service Mr. Edwin Wanyonyi, who was sitting in for the Director General, joined the CHCT board meeting at Chyulu Wilderness Camp to discuss key issues and the future for the CHRP.

LIVELIHOODS PROGRAMME

MWCT supports **13 Maasai Women's Groups** to explore other income generating activities. While widespread illiteracy poses a challenge, MWCT pursues creative ways to build financial understanding and grow the capacity of the Maasai – especially women – to run profitable enterprises.

JUSTDIGGIT

In collaboration with JustDiggIt, a total of 18,600 bunds were dug in Olorika and Ilchalai. The two projects not only support the livelihoods of 234 community members who were hired as casuals to dig the bunds, but will also help in restoring over 500 acres of degraded land. This provides pasture for the livestock, cooling down the environment and healthy rangelands for the current and future generations. We also conducted a series of community meetings with an objective of creating more awareness on land degradation and the possible interventions, such as bunds, grass seedbanks, sustainability of the projects, and new potential sites to be restored.

From Mar 28th to Apr 1st, the Moilo grass seedbank women's group hosted SOLARO & AET organizations together with their community and leaders from Magadi & Amboseli. The objective of their visit was to learn the process of establishing restoration projects like ours, the challenges we faced, and the sustainability of the projects.

RESTORATION GRASS SEED BANKS

Enkusero

25 Women members
10 Acre project area
Project area is under grass cover
Weeding and fence maintenance

Olkaria

19 Women members
10 Acre project area
Project area is under grass cover
Weeding and fence maintenance
10 bags of grass seeds harvested

Inkisanjani

16 Women members
10 Acre project area
Project area is under grass cover
Weeding and fence maintenance
482 kg of grass seeds harvested

Langata

23 Women members
10 Acre project area
Weeding and fence maintenance
580 kg of grass seeds harvested

Enkii

20 Women members
10 Acre project area
85% Project area fully restored
Weeding and fence maintenance
210 kg of grass seeds harvested

Moilo

10 Women members
10 Acre project area
90% Project area fully restored
Weeding and fence maintenance
517 kg of grass seeds sold
15 new bee hives were installed
500 tree seedlings transplanted



To ensure that the community benefits from our Health Programme, MWCT employs health staff, runs and supports several dispensaries and supplies medical equipment and essential drugs to the community.

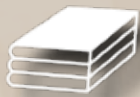
*there were reductions in numbers due to mobility and access difficulties.



↓ 9%
PATIENTS REACHED
VS. Q1 2021
JAN - MAR 2022

HEALTH PROGRAMME





25
Schools supported



61
Teachers employed



13
Support staff



8,638
Students enrolled
53% Boys **47%** Girls



64
Scholarships
18
Active



207
Bursaries
54
Active

ACHIEVEMENTS

Ittilal and Elangata Enkima primary schools have the highest enrolment of pupils, each stands at **871** enrolments.

We continue to meet all the operational costs of Ittilal Kanzi Primary School, which includes but not limited to employment of **13** teachers, supply of school stationery, provision of tapped water, provision of solar power etc.

CHALLENGES

Some schools in Kuku Group Ranch such as Inkisanjani, Ittilal and Elangata do not have adequate classrooms to cater for their high enrolments. They are also experiencing shortage of teachers.

ENROLLMENT

	School Name	Boys	Girls	Total
1	Ittilal Secondary School	40	90	130
2	Enkii Boys Secondary I	374	0	374
3	Oyarata Primary School	134	143	277
4	Nolasiti Primary School	114	156	270
5	Neiti Nursery School	58	40	98
6	Marlal Primary School	223	180	403
7	Enkii Primary School	260	303	563
8	Shokut Primary School	165	154	319
9	Enkolili Primary School	170	142	312
10	Leinkati Primary School	78	69	147
11	Elangata Enkima Primary	450	421	871
12	Olorika Primary School	246	217	463
13	Oltiasika Primary School	190	145	335
14	Inkisanjani Primary School	415	400	815
15	Olkaria Primary School	355	263	618
16	Kuku Primary School	155	190	345
17	Enkusero Primary School	187	163	350
18	Moilo Primary School	95	104	199
19	Ittilal Primary School	421	450	871
20	Loosoitok Primary School	96	96	192
21	Kaitoriori Nursery School	81	90	171
22	Samai Primary School	149	162	311
23	Oldonyo Lenkai Nursery	40	32	72
24	Manyata Nursery	10	8	18
25	Esoit Nursery	44	70	114
Total		4,550	4,088	8,638

EDUCATION
PROGRAMME

PARTNERS & SUPPORT



THANK YOU - ASANTE SANA

We are grateful for the continuous support that we receive from our donors and partnered organizations that aid us in achieving our goals.



MAASAI WILDERNESS CONSERVATION TRUST

WORKING WITH THE COMMUNITY FOR THE PROTECTION AND
PRESERVATION OF CULTURAL HERITAGE, THRIVING WILDLIFE
AND A VITAL ECOSYSTEM.

PASSIONATELY WORKING SINCE 1996

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