

MAASAI WILDERNESS CONSERVATION TRUST

IMPACT REPORT
APR - JUN 2022



Q2

FOUNDER'S MESSAGE

Dear MWCT supporter,

2022 is going to be a very challenging year for both livestock and wildlife: the rains failed.

This is not a drought as dramatic as the 2009, but quite similar. There will be repercussions on pot poaching, as lack of income from livestock will drive people to feed on wildlife meat.

Agricultural outputs will also be scarcer, deteriorating an already difficult situation.

We hope fires will be fewer.

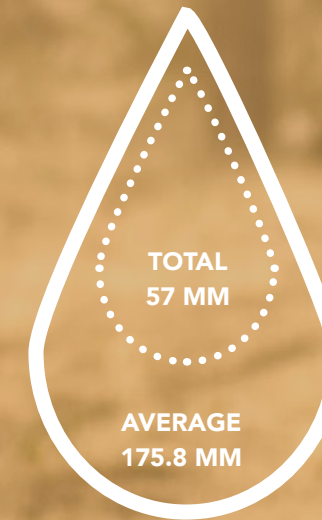
Rangers are better at patrolling the Group Ranch and SMART data collection has been improved, we expect full efficiency in the next quarter.

We had a more limited field presence, especially in health, because of a challenge with our vehicles. The wonderful news is that the Rivian Foundation came to our help, providing 4 R1Ts for testing. They are already allowing more community outreaches and better implementation of the health and conservation programs.

Poaching is contained and rangers training should enable us to face the challenges we expect.

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

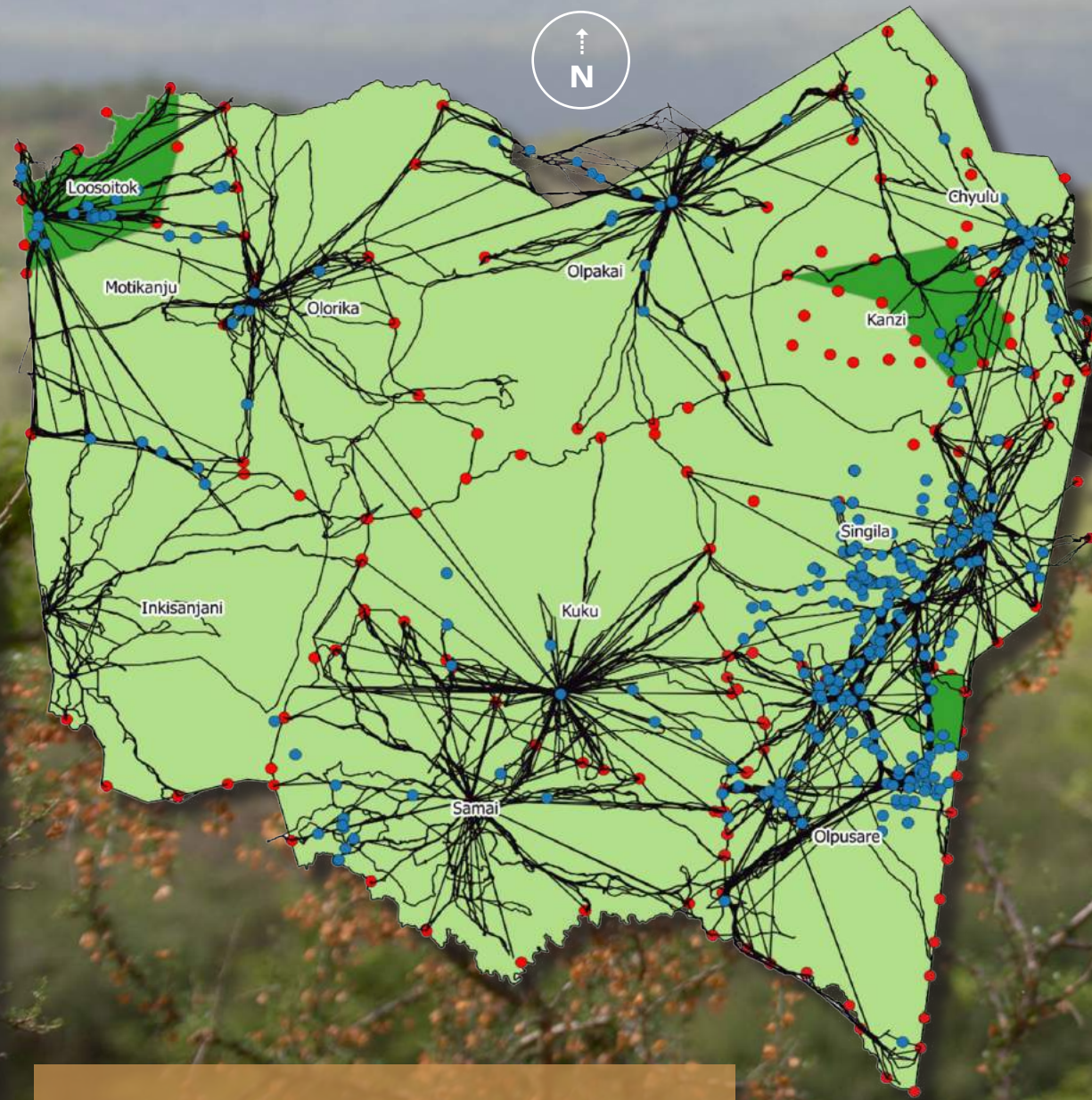
PARTNERS & SUPPORT



WILDLIFE & HABITAT PROTECTION

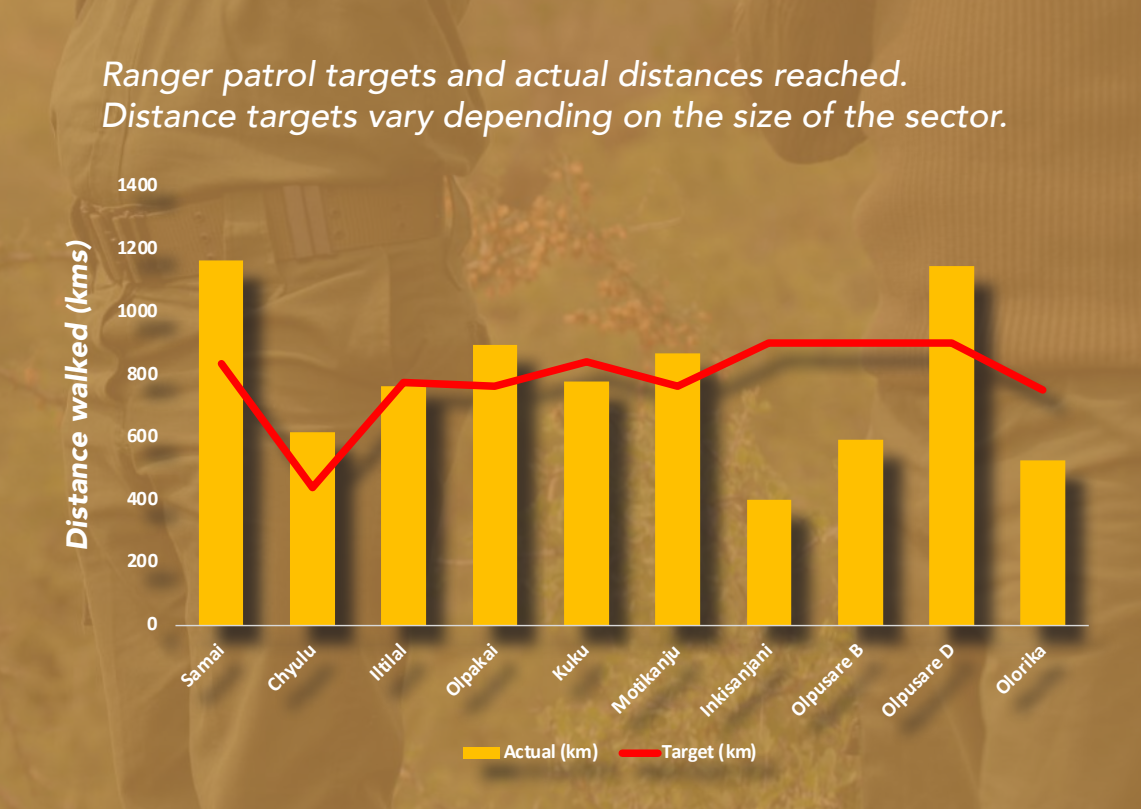
Samai sector covered the greatest distance (1,162 km). The team faced some technological challenges with SMART (connect), which had contributed to some data delays and lower statistics.

SECTOR	ACTUAL DISTANCE (Kilometers)	TARGET DISTANCE (Kilometers)
Samai	1,162	834
Chyulu	616	438
Ittilal	760	774
Olpakaai	892	762
Kuku	777	840
Motikanju	865	762
Inkisanjani	400	900
Olpusare B	591	900
Olpusare D	1,144	900
Olorika	525	750
Total	7,732	7,860



Map:
2022 APR - JUN Ranger Security Patrols / Wildlife Sightings

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



179
RANGERS

SMART & Cybertracker
Data Collection Trained

14
Sectors

6 to 8
Rangers per sectors

123
Dedicated Rangers for daily
Kuku Group Ranch patrols

7,732
Total kilometers on foot
↑4%
vs. Q2 2021



INCIDENTS & CONFLICTS

APR

APR 12 - ZEBRA POACHING

Reported by: Zakayo Motoa, Inkisanjani Ranger
Report received by: Radio Operator
Area covered: Center

Summary: One of our Inkisanjani rangers reported a freshly poached zebra carcass. Upon further investigation of the carcass and the incident site, our team deduced that the giraffe was poached by 2 suspects, with one motorbike. Our rangers followed the footprints and motorbike tracks but were unable to find a credible lead. In the subsequent evenings, our rangers laid ambushes, but no poacher was observed or arrested in the area. Further investigation is ongoing.



Apr 12: The zebra carcass.

MAY

MAY 10 - GIRAFFE POACHING

Reported by: Daniel Munke, Olorika Sergeant
Report received by: Radio Operator
Area covered: Enkaroni oo Siruai

Summary: One community member went to the Olorika ranger station and reported that his herdsman found a giraffe carcass while looking after their livestock. Immediately, our rangers responded and arrived at the site of the incident and found a one-day old giraffe carcass. Investigations are ongoing on finding the suspect(s).



May 10: The giraffe carcass.

JUN

JUN 13 TO 14 - PANGOLIN POACHING & ARREST

Reported by: Morinke Kipaa, Corporal Rombo
Report received by: Radio Operator
Area covered: Njukini town

Summary: Corporal Moringe reported to the MWCT Control Room that they were conducting a joint operation with Big Life rangers that evening, on the basis that two people at Njukini Town were poaching pangolins. Our teams conducted an ambush that night, until our rangers caught two men carrying a suspicious yellow sack. When our team intercepted the two men, they found that the sack had fresh pangolin scales. The suspects were arrested and taken to Taveta Police Station.

JUN 25 - ELEPHANT MORTALITY

Reported by: Morinke Kipaa, Corporal Rombo
Report received by: Radio Operator
Area covered: Lolbarie area

Summary: A joint operation was conducted with Rombo and Big Life Rangers of tracking an injured elephant. When the elephant moved inside Tsavo West National Park, KWS rangers joined the tracking team. Unfortunately, by the time the team found the elephant, it was dead in the park at Lolbarie area. The team managed to remove the tusks which were taken to KWS Oltinka Station. KWS determined that the elephant died from natural causes as its wound was not from a spear or arrow.

JUN 29 - GIRAFFE POACHING

Reported by: Beatrice Nabulu, Esampu Ranger
Report received by: Radio Operator
Area covered: Enkaroni area

Summary: Ranger Nabulu was informed that there were spotlights in Enkaroni area and immediately reported it to our team. Our Chief Security Officer responded immediately and set an ambush at Leresho area that evening, without success. The following morning, the team headed back to the area and found a fresh giraffe carcass poached, with a significant amount of meat taken out of it. Investigations are ongoing to identify the suspected poachers.

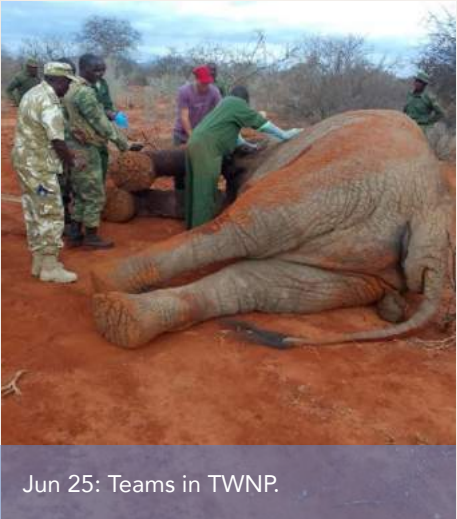
JUN 29 TO 30 - ATTEMPTED POACHING & ARREST

Reported by: Morinke Kipaa, Corporal Rombo
Report received by: Radio Operator
Area covered: Lenkopito area

Summary: During an ambush conducted in Lenkopito area by our Rombo rangers, they saw a motorbike with two people directing their spotlight towards a herd of zebra. Luckily, the zebras managed to get away from poachers. The poachers then started moving towards the road to locate other wildlife. When they came close to our ambush point, our rangers intercepted the motorbike. One suspect jumped off the motorbike and managed to escape, while the other rider fell and injured his head. The rider was taken to Loitoktok Hospital for treatment and then arrested. He was taken to Illasit Police Station. The items confiscated include: 1 motor bike, 2 spotlights, several sacks, and 8 rubber ropes.



Jun 14: Pangolin scales.



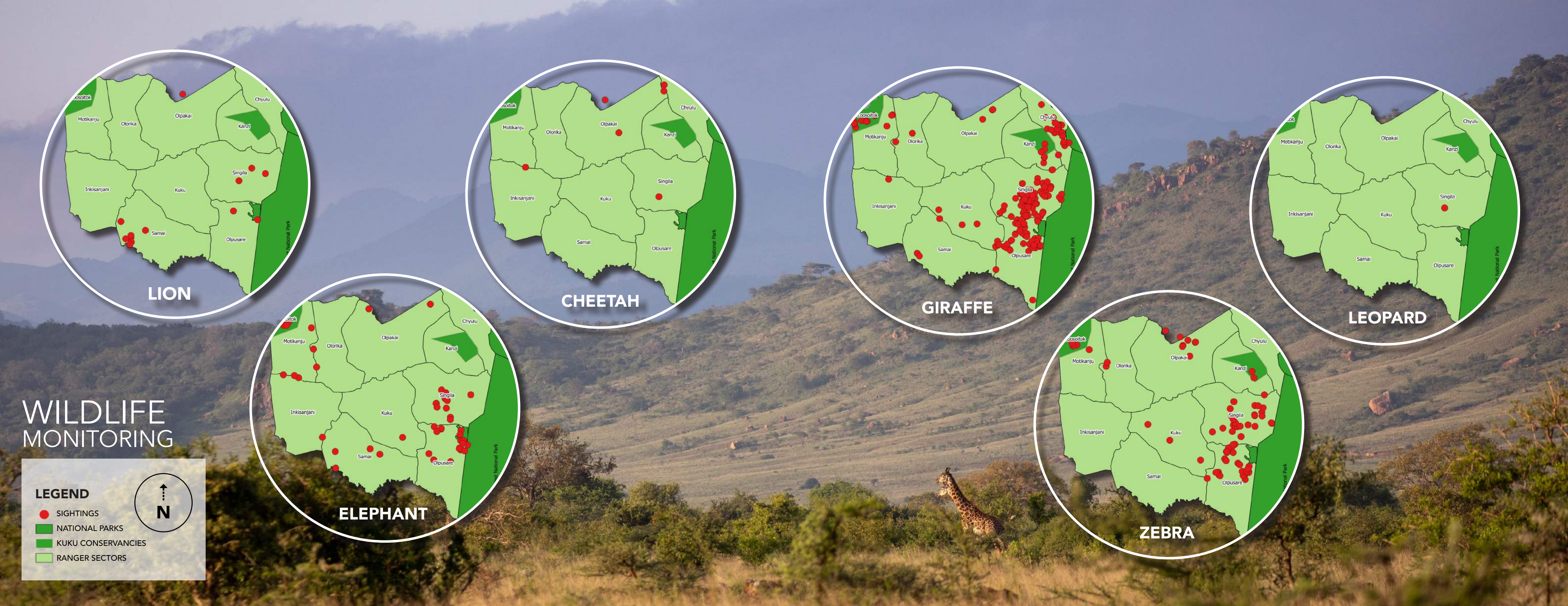
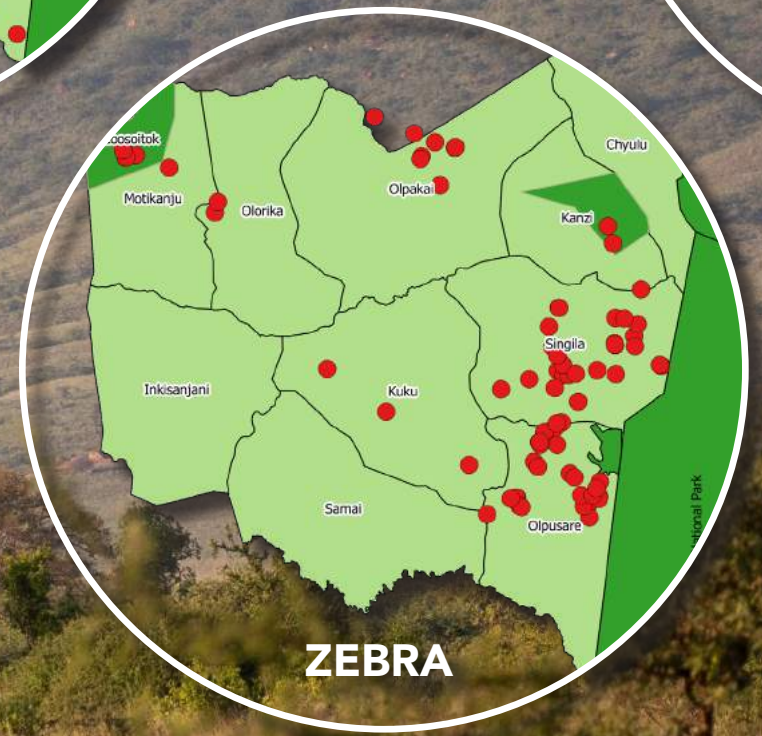
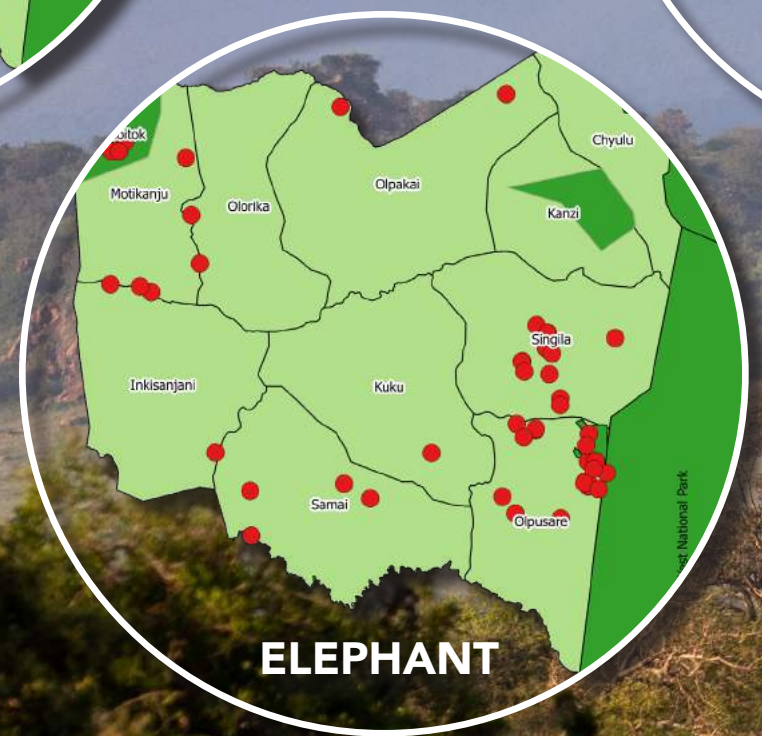
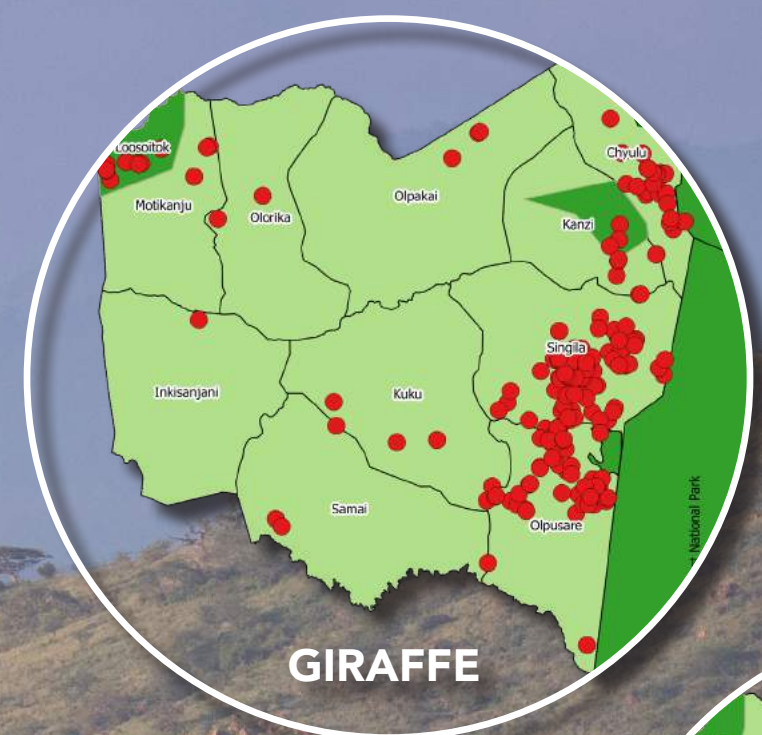
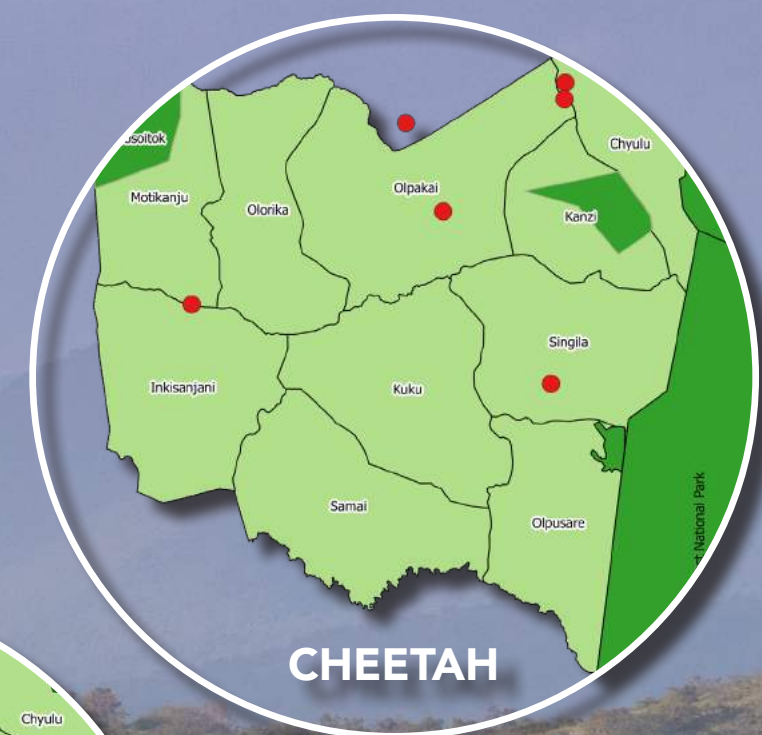
Jun 25: Teams in TWNP.

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

There were several lion depredations this quarter. There were retaliatory hunts on:
Apr 16th in Ittilal
Apr 19th in Langata
Jun 28th in Oltiasika

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.

6,405

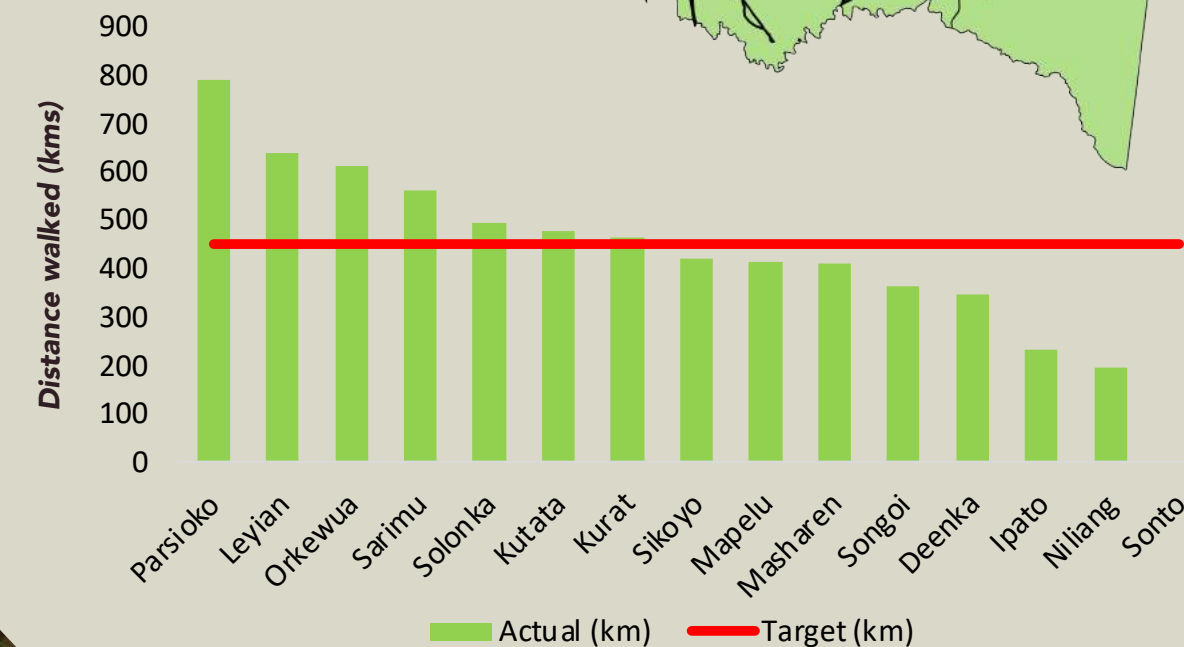
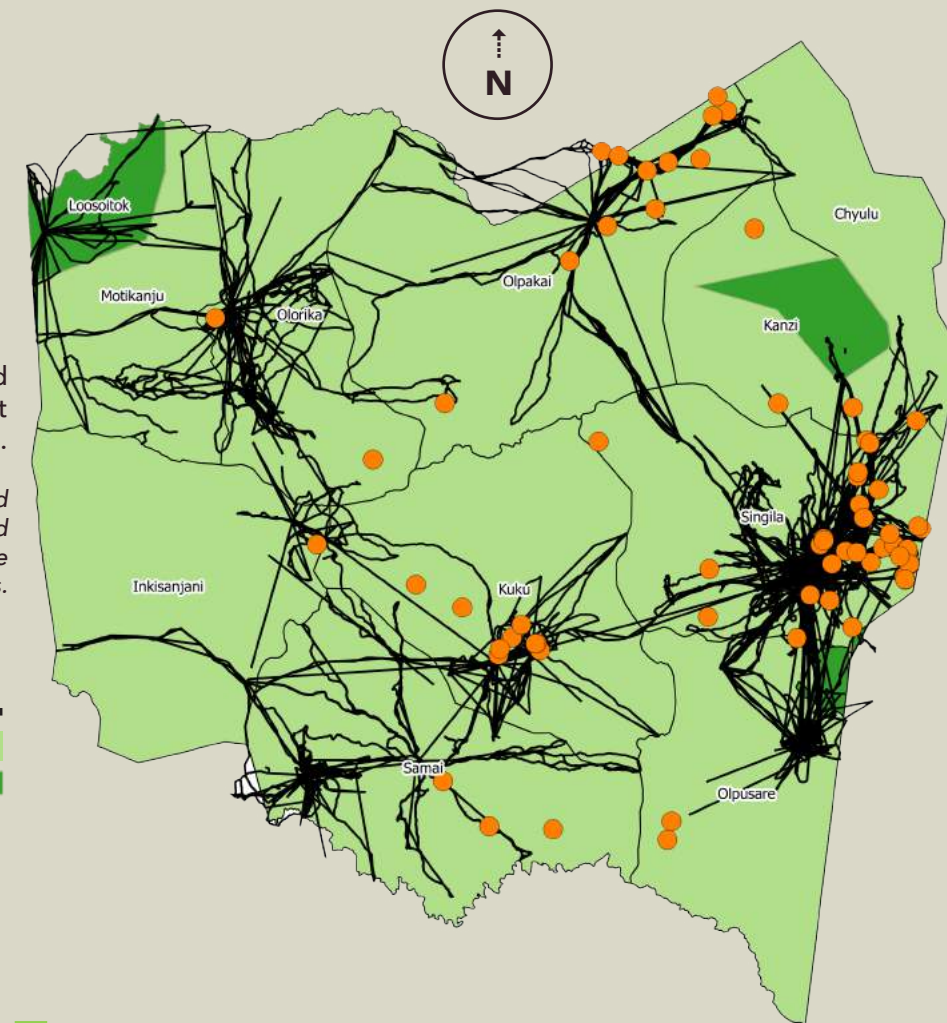
Total kilometers covered
on foot this Quarter

↑ **0.1%**
vs. Q2 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



\$16,615

**TOTAL PAY OUT
OF CLAIMS
FOR Q2**

288
INCIDENTS

↑ 18%
vs. Q2 2021

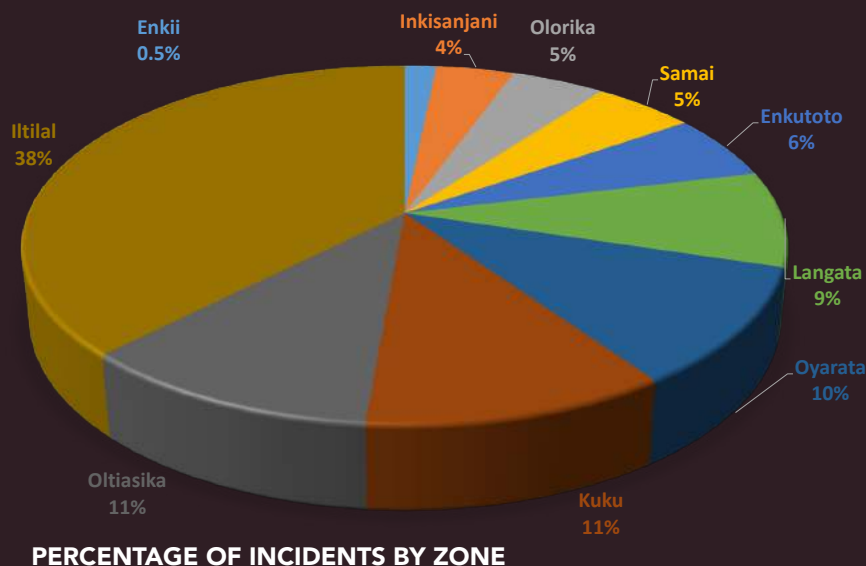
4
**AVERAGE NUMBER
OF INCIDENTS
PER DAY**

1,300
**AVERAGE MONTHLY
KMS TRAVELLED PER
VERIFICATION
OFFICER**

WILDLIFE PAYS

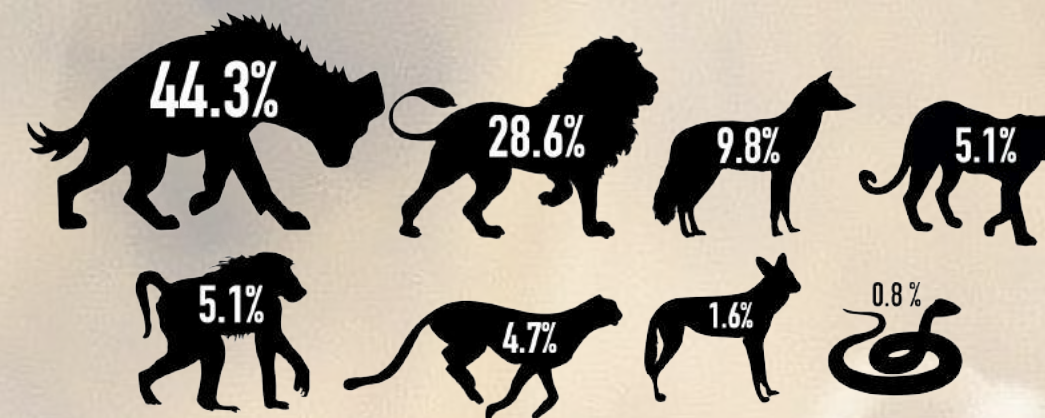
MWCT, in conjunction with the employment of Rangers and Simba Scouts, protects the major predators of our ecosystem in Kuku Group Ranch, through the Wildlife Pays Compensation Programme. Through a rigorous multi-layer system of verification and dedicated officers, Wildlife Pays is able to detect and 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.

For annual comparison purposes, this total of **288** claims is up from the 237 claims recorded during Q2 of 2021. The Ittilal Wildlife Pays zone accounted for the highest number of incidents at 96 of the **approved 255**, equivalent to 37.6% of the total losses, while Enkii (4/1.6%) zone had the least number of incidents.



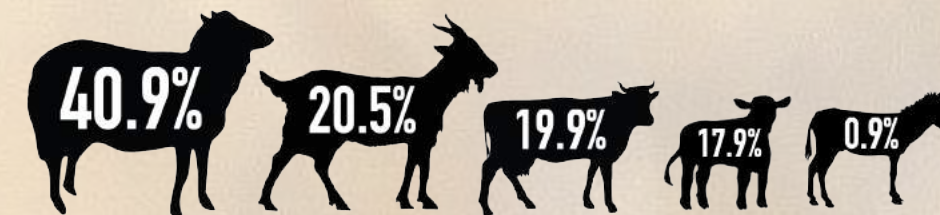
PREDATORS / WILDLIFE SPECIES

The most livestock taken in relation to predators were due to Hyena (113) followed by Lion (73), Jackal (25), Leopard (13), Baboon (13), Cheetah (12), Wild Dog (4), and Snake (2). Specific percentages for the amount accounted for from each predator are reflected in the info graphic below.



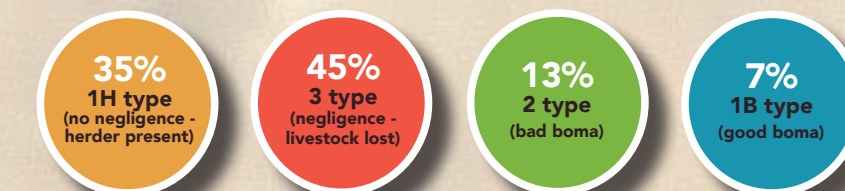
HEADS OF LIVESTOCK

A total of **352** heads of livestock were killed this quarter. The majority of livestock killed by predators were sheep (144/40.9%), followed by the other livestock species seen in the info graphic below.



CLAIMS & LOSS TYPES

The total pay-out of claims was **1,969,600 Ksh** (USD 16,615), which is higher than the amount paid in Q2 2021 (1,821,400 Ksh /USD 15,363).



Loss type 1H - The livestock was killed while a herder was present.

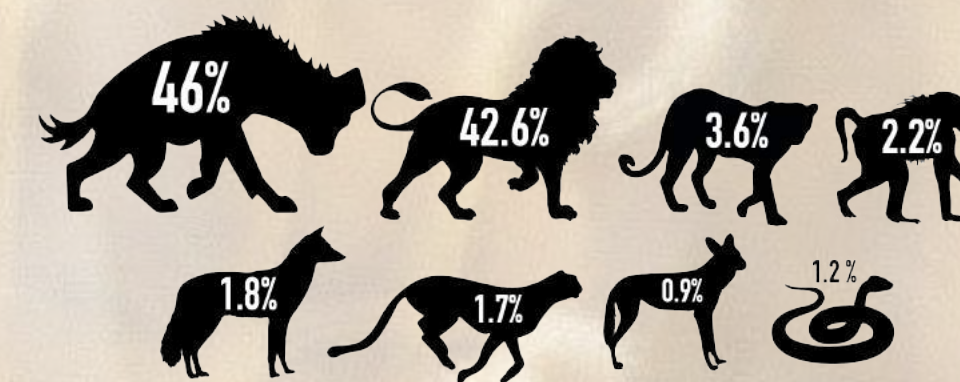
Loss type 1B - The livestock was in the boma when the predator attacked and the boma is well constructed and maintained.

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. We also planted a variety of fruit trees including mango, banana and passionfruit.



HIVE CHECKS

SAVE THE ELEPHANTS HIVES

Enkii - 12/15 hives colonized
Inkisanjani (Women's Group) - 15/15 hives colonized
Inkisanjani (Farmer) - 15/15 hives relocated
Moilo - 22/30 hives colonized

MWCT HIVES

Campi ya Kanzi - 2/3 hives colonize
CCRC - 17/19 hives colonized
Chyulu - 3/3 hives colonized
Naga D & B - 2/4 hives colonized

REDD+ HIVES

Northern Kibwezi - 49/80 hives colonized
Southern Kibwezi - 31/80 hives colonized
Rombo - 101/150 new hives delivered
Mangaleta - 12/100 new hives delivered

INDIVIDUALLY OWNED HIVES

Enkii - 2/3 hives colonized
Inkaraatak - 5/10 hives colonized
Olpusare - 16/20 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:

APR

- A 2-day meeting was held in Northern and Southern Kibwezi to discuss challenges being faced by the groups, their mitigation measures, maximizing production, and benefits to the community.
- The Education Committee of Eastern Chyulu conducted interviews with 96 students that applied for bursaries from the CHRP.
- The PO attended the Kenya Wildlife Conservancies Association (KWCA) Climate Carbon Finance Workshop to bring together different stakeholders to share insight on carbon financing.

MAY

- East Coordinator, Wilbur Mutua distributed CHRP bursary commitment letters to the local Chairman on the Eastern side of the project area.
- The PO visited Matepes and Boma primary schools, and conducted a workshop aimed at educating girls on puberty and menstrual health.
- The Northern and Southern beekeeping groups, which benefited from 630 hives, received a 6-day training on beekeeping by Bees Abroad (UK) - Kenya facilitated by KFS.
- Education Committee Chair, Silvia Wangeci, KWS and our East coordinator, visited 3 schools in Southern Kibwezi to address their concern of underperforming students benefiting from the CHRP bursary program.

JUN

- A pre-fire management meeting was done internally at Chyulu Wilderness Camp (CWC) on the 6th, followed by a subsequent meeting in Voi on the 7th.
- A meeting organized by KFS was attended by the CHRP East coordinator with an objective of sensitizing the groups, build capacity, and revive the Community Forest Association registration process.
- The PO visited Orrgira primary school, to conduct feedback surveys from all the girls who received sustainable menstrual kits.
- Beekeeping training was conducted in Rombo GR for 10 new groups that benefited from an extra 100 hives distributed in October 2021.

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

A total of 18,600 bunds were dug and seeded in Olorika and 42,000 in Ilchalai. Leaders and community meetings were conducted to create more awareness to the community on the importance of the projects. The communities agreed not to graze in the restored areas for 2 years to let the areas fully recover. Each of the two projects provided a direct income to 117 community members, who were hired as casuals during the digging period and in the long term the projects will provide available pasture for livestock and wildlife. Also, 4 community rangers have been engaged in each of the sites to work closely with the areas grazing committees and the communities in protecting the restored areas.

Due to delays of rainfall, we experienced a lot of pressure on the sites from both livestock and wildlife from outside and within the group ranch. However, this issue is continuously being addressed with the rangers and the grazing committee through meetings and engagements.

RESTORATION GRASS SEED BANKS

Enkusero

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

Langata

23 Women members
10 Acre project area
Weeding and fence maintenance

Inkisanjani

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

Enkii

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

Olkaria

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

Moilo

10 Women members
10 Acre project area
90% Project area fully restored
Weeding and fence maintenance
400 kg of grass seeds harvested
15 new bee hives were installed



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.

↓ 8%
Vs. Q2 2021

+

11
Outreaches

↓ 30%
Vs. Q2 2021

♀

269
Ante Natal Clinic

↓ 7%
Vs. Q2 2021

👨‍⚕️

3,358
Patients

↓ 22%
Vs. Q2 2021

👶

76
Hospital births

↓ 10%
Vs. Q2 2021

🔬

1,400
Lab tests

↑ 100%
Vs. Q2 2021

👩‍⚕️

588
Immunizations

↓ 30%
Vs. Q2 2021

🏠

261
Family planning

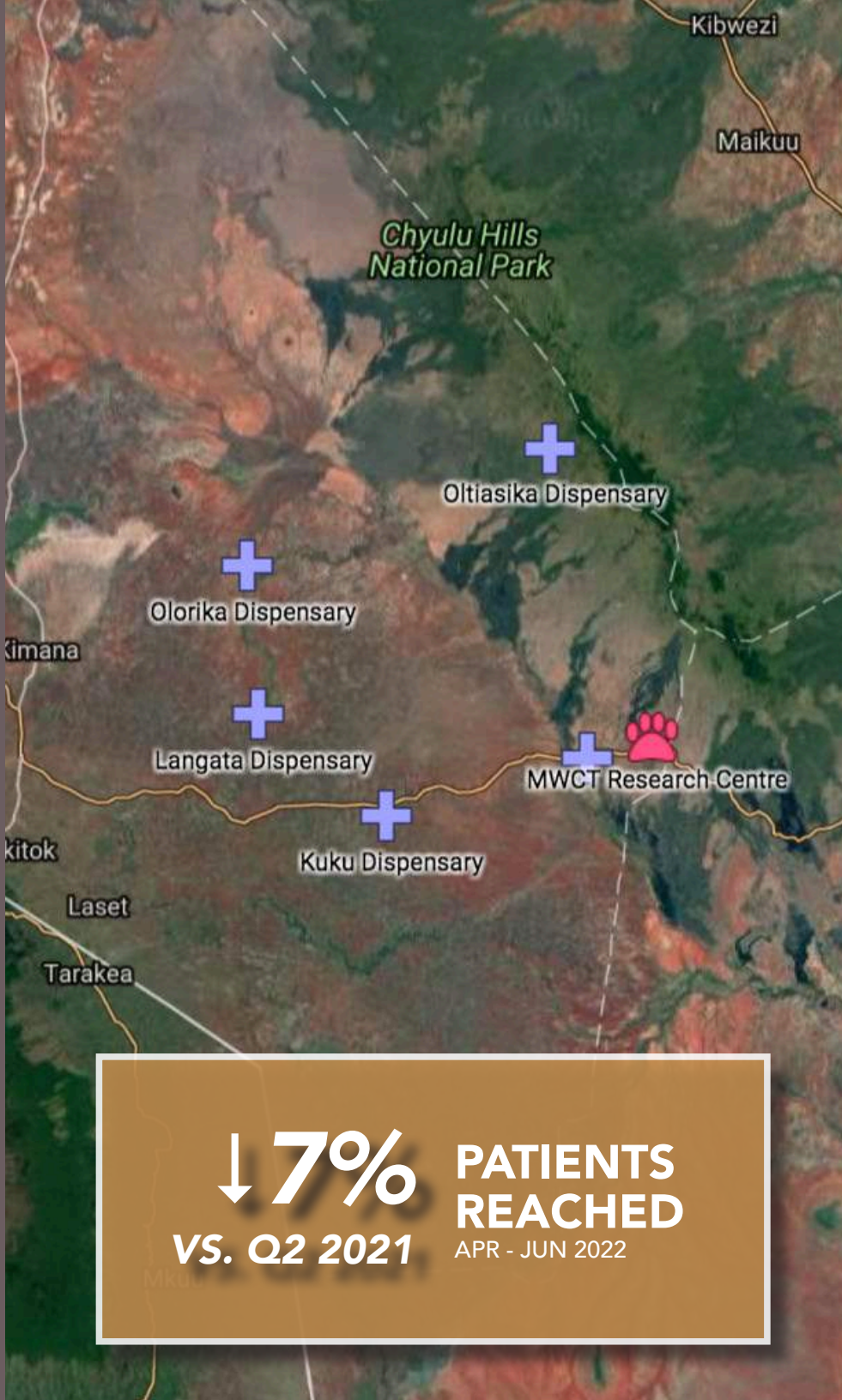
18 homesteads

were visited as part of our community outreaches.

8 schools
recieved Puberty Education and Menstrual Hygiene Management sessions. 547 girls and 462 boys attended.

269 girls
recieved sanitary products.

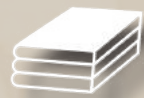
5 community
Sexual Reproductive Health & Rights meetings were conducted with 56 men and 60 women.



↓ 7%
VS. Q2 2021

**PATIENTS
REACHED**
APR - JUN 2022





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

Itlilal 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 Itlilal 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.

We were able to provide an additional **35** students with scholarships through a grant from Apple. As well as **3** of the students we support at Naisula School have been granted admission to further their education at Strathmore University.

CHALLENGES

Some schools in Kuku Group Ranch such as Inkisanjani, Itlilal 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	Itlilal 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	Itlilal 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

LEONARDO DICAPRIO FOUNDATION

KENYA WILDLIFE SERVICE

newCourse

IFAW

CAMPI YA KANZI

ZSL LET'S WORK FOR WILDLIFE

SAVE THE ELEPHANTS

THE WILDCAT FOUNDATION

CONSERVATION INTERNATIONAL

Jubilee INSURANCE

gofundme

UNDP

TSAVO TRUST

MAASAI WILDERNESS CONSERVATION FUND

LE ROSEY INSTITUTE

FON FOCUSED ON NATURE

mabel

Hiltz FOUNDATION

gef

GLOBAL WILDLIFE CONSERVATION

EIF

Roy A Hunt Foundation

Georg Waechter Memorial Foundation

Microsoft

Google

Dropbox

TCS NEW YORK CITY MARATHON

Marshall Family

Leila and Mickey Straus Family Foundation

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

MAASAIWILDERNESS.ORG