

#### Dear MWCT supporter,

We have the pleasure to share with you the truly remarkable achievements for 2018. Let us get rid of the bad news first: we did lose 4 lions this year. Three were poisoned by the usual culprit who was released by the judicial system, and one was speared. The speared lion was because of severe predation and this incident was practically unavoidable. The poisoning is unacceptable, but until we engage prosecutors and judges properly, we will still face this deadly challenge. We are working on it...

What is encouraging is the positive, profound and meaningful engagement of the whole community, who understand how their natural resources, from wildlife to forests, are producing services and income. This attitude is the real reason of the successes I am celebrating with you:

- zero poaching of elephants (in Africa, 100 are killed daily)
- increased lion population
- zero fires in the Chyulu Hills, thanks to the REDD+ rangers & community involvement
- better grazing management
- overall increased wildlife population
- restoration of grassland, in partnership with JustDiggit

We also celebrate the sales of our carbon credits to Tiffany&Co (at \$12/credit), as well as a very good performance from both the education and health programmes; last but not least, we celebrate Muterian Ntanin (MWCT Head Rangers Commander) being appointed the East African GRAA (Game Rangers Association of Africa) Representative serving on their Africa Committee.

A milestone achievement which is really extraordinary is having secured, by partnering with Rosey Aventures and Le Rosey Foundation, the Olpusare spring. In late December we signed a 30-year contract to secure 450 acres of critical wetland. Olpusare is where Greta Garbo, Hemingway, Ruark, Holden and others were camping in the 1950s. The spring was home to rhinos, hippos, elephants and wild dogs, to mention just a few iconic species. It will be protected for the next generation, through a student camp. We will ecologically and botanically restore it. We will reintroduce the crocodile. Hippos will naturally come back. It took Edward, Samson and Luca more than 10 years, but we did it! The community is equally ecstatic. They know this choice gives them a better future. A special thanks goes to the visionary educator Philippe Gudin, who decided to create the conservancy (with just a little bit of convincing by Luca...).

The whole MWCT team is grateful to our donors, particularly to the Leonardo Dicaprio Foundation, for their amazing support. It is thanks to their donations that we are able to continue our success in protecting the wildlife, wilderness and cultural heritage of the Tsavo-Amboseli Maasai community.

We thank all of our supporters and the whole amazing team of MWCT women and men,

Antonella, Samson and Luca

# CONSERVATION

Wildlife Security & Habitat Protection Ranger Patrol Incidents & Conflict

Wildlife Monitoring
Species Sighting
Lion Monitoring
Simba Scouts
Camera Trap Results

**Predator Protection**Wildlife Pays

Aerial Count
Collaborations & Events
Chyulu Hills REDD+ Carbon Project

# HEALTH

Outreaches Immunization Reproductive Health Public Health Ante Natal Care Susan Komen

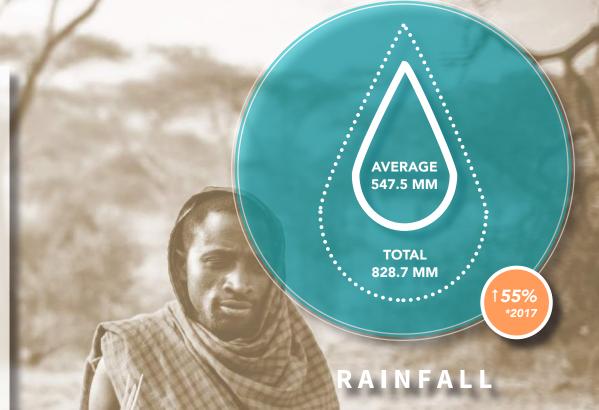
# LIVELIHOODS

Grass Seed Banks/Beading/Anti-FGM Hippo Rollers

# EDUCATION Key Notes

Challenges

FINANCIALS
PARTNERS & SUPPORT

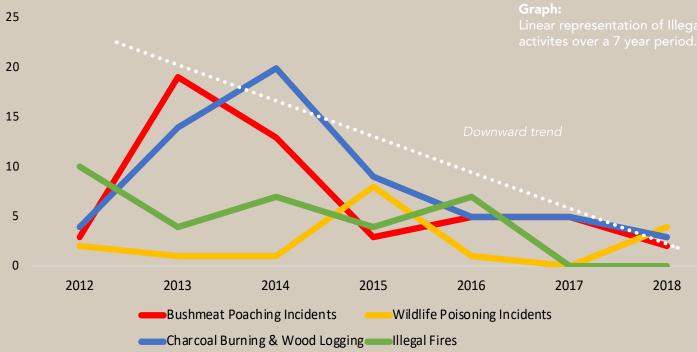


PASSIONATELY WORKING TO PROVE THAT NURTURING WILDLIFE AND THEIR ECOSYSTEM BENEFIT THE LOCAL COMMUNITY AS A WHOLE

MWCT NATURE WORKS







# **KEY NOTES**

#### Feb 24th

ion Spearing - Kuku Area Lion killed - Livestock predatior

#### Community Retaliation

2 Lions + 1 Hyena killed Goat carcass laced with poison

#### Feb 25th

\*Lion Poisoning - Oltiasika Ard

Goat carcass laced with poison

#### Mar 19th

Elephant Mortality - Olorika Are Natural death

Tusks recovered and taken to MWCT then to Komboyo

#### Apr 8t

Sandalwood harvest - Sii San MWCT laid an ambush

#### 2 Culprits arrested

#### Apr 14th

Charcoal burning - Inkisanjani Area 3 kilns found

#### 2 Culprits arrested

#### Oct 9th

Wildlife Spearing - Moilo Area

1 Hyena killed - Livestock Predation

#### Killed inside boma - Self Defense

#### Oct 17

Charcoal burning - Inkisanjani A

1 Culprit arrested

#### t 21ct

ushmeat Poaching Giraffe carcass

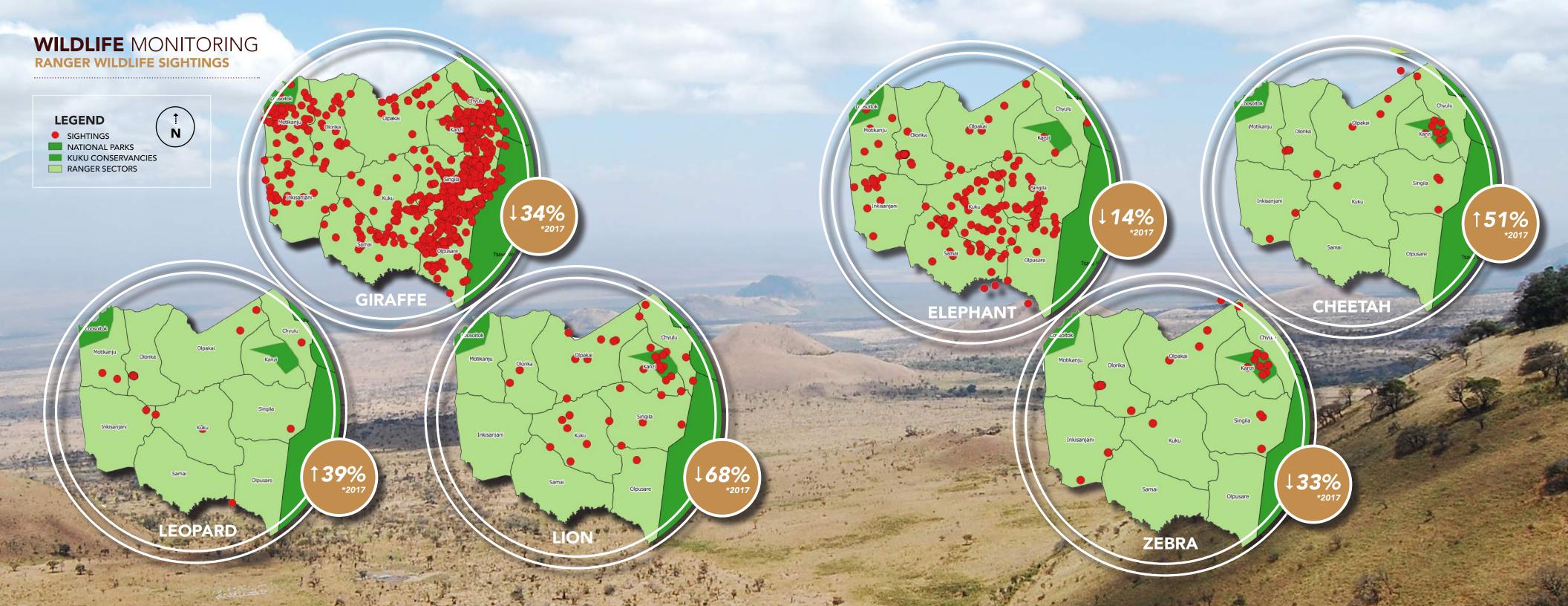
Culprit at large, currently hiding in Tanzania. MWCT investigation ongoing

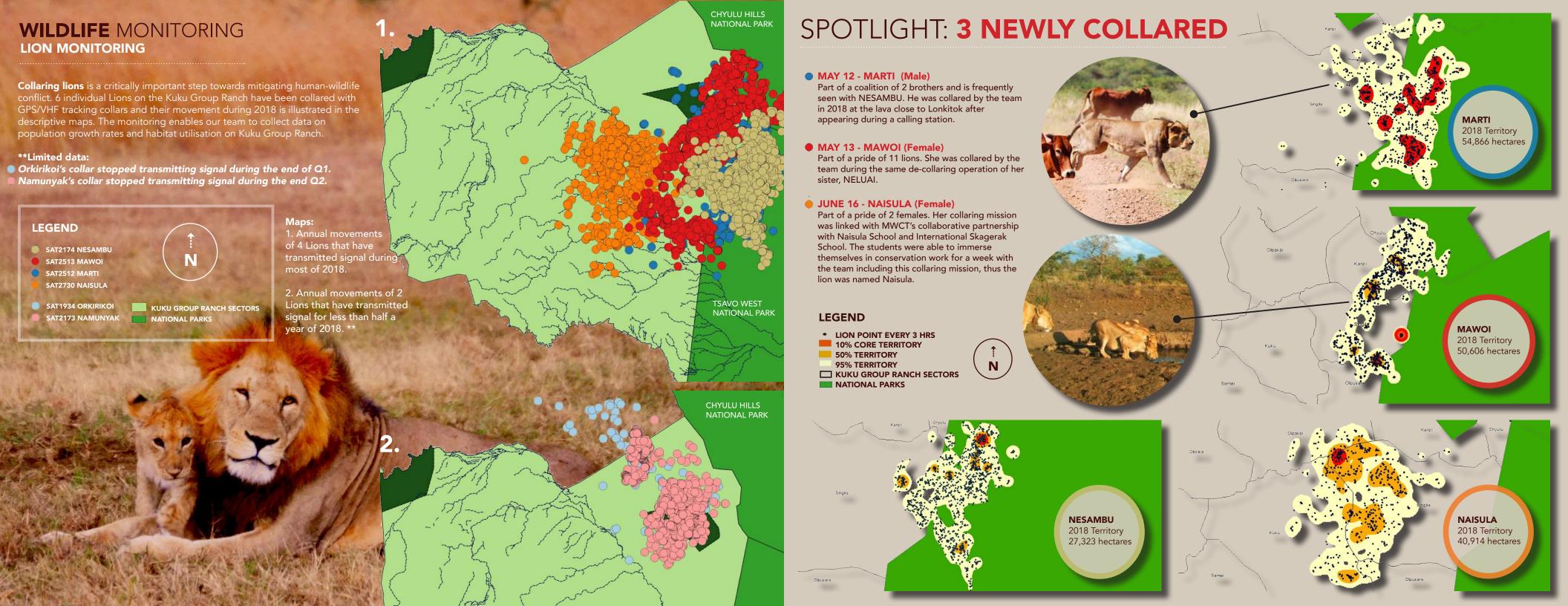
#### oughout Q4

Elephant Conflicts
Iltilal, Samai, Kuku & Enkutoto Areas
1 Elephant translocated from Laikipi
to Tsavo NP has moved through to

MWCT Rangers have mitigated any potential retaliations from the damages

MWCT collared lion Normani pride





# WILDLIFE MONITORING

#### **SIMBA SCOUTS**

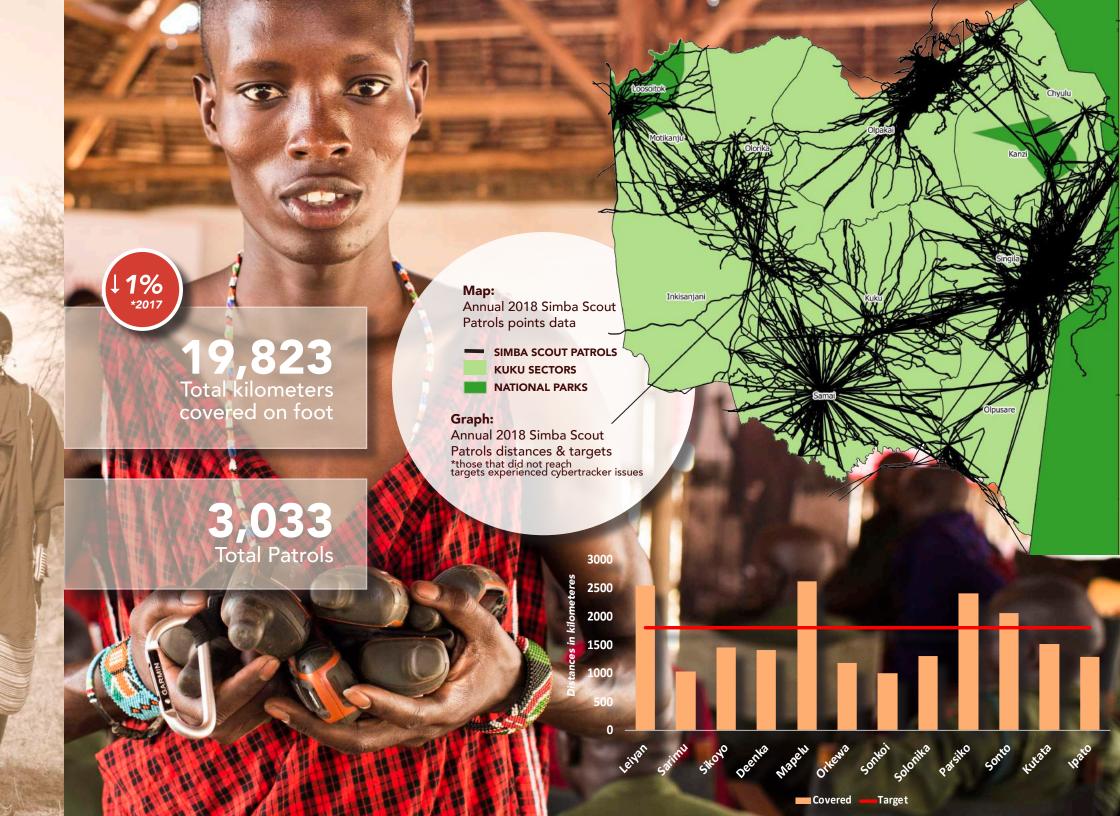
This is a **dedicated team of 15 Maasai warriors** (Moran), who day in and day out monitor GPS collared lions and other wildlife species. 14 Moran gather data & the 15th, Peter Sompol (Chief of Kuku Moran) educates the community on lions within the area and is key in helping persuade against lion hunts. 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

2nd Quarter
3 Lioness + 1 Male
Marti (male): New
Mawoi (female): New
Naisula (female): New
Neluai (female): de-collared

Joint operations with DSWT (David Sheldrick Wildlife Trus KWS (Kenya Wildlife Service)

Photos:
Teeth measurement
during collaring operations.







# **PREDATOR** PROTECTION

WILDLIFE PAYS COMPENSATION PROGRAMME

PES (PAYMENT FOR ECOSYSTEM SERVICES)

Protecting the major predators of our ecosystem in Kuku Group Ranch

#### **FULLY SUSTAINABLE**

FUNDED BY CONSERVATION SURCHARGES THROUGH ECOLODGE PARTNER, CAMPI YA KANZI

#### THE PROCESS

- Multi-layer system of Verification and 4 dedicated Officers
- Detects and prevents fraud that might undermine the programme
- Payments made quarterly
- Compensation is based on 4 types of livestock losses
- Ensures Maasai pastoralists utilize good husbandry practices
- Prevent greater or further losses

#### **COMMUNITY OUTREACHES**

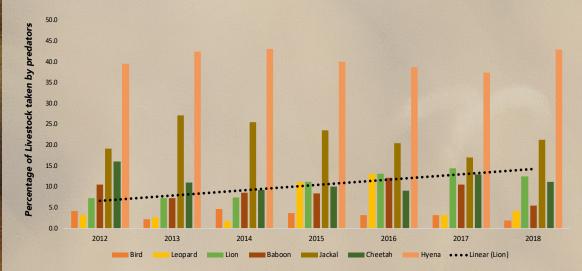
Rangers, prominent community figures and MWCT staff, conduct meetings with communities that are feeling increased pressure of predation, as well as with the young Maasai warriors (Morans), to prevent the groups from any lion killing in retaliation to livestock losses.

During 2018, we observed a minimal decrease in the number of Wildife Pays incidents recorded and approved for compensation since 2017. Similar to last year, there were significant increases in livestock depredations most evident in the last two quarters of the year and can be attributed to drought conditions and an influx of livestock from areas outside of Kuku GR. This, coupled with the increasing lion population in Kuku, can lead to raised levels of depredation caused by lions. Even more positive to note is the number of "no negligence" claims, (implying good husbandry), exceed the number of negligent claims. A truly positive sign.

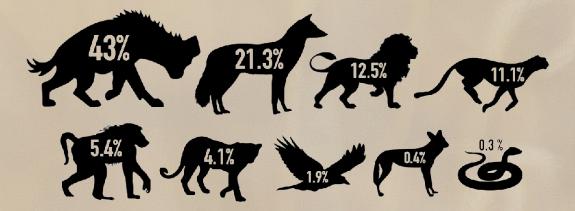
Overall percieved trends are depicted in the graph on the right over a 7 year period.



#### **PREDATORS**

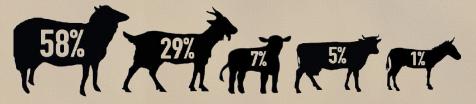


The most livestock taken in relation to predators were due to Hyena. Over the course of 7 years there has also been an overall increase in incidents by lions, this could be due to the recovering lion population in the area. Although there was a decline in lion sightings for 2018 compared to 2017, the overall number for lion sightings over a 5 year period (2013-2017) increased by 19%. Specific percentages for the amount of incidents accounted for in 2018 from each predator are reflected in the info graphic below.



#### **HEADS OF LIVESTOCK**

A total of 2,017 heads of livestock were killed this year. The majority of livestock killed by predators were sheep followed by the other livestock species seen in the info graphic below.

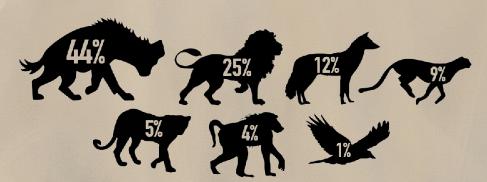


#### **CLAIMS**

The total pay-out of claims was **7,718,000 Ksh** (77,175 USD), a decrease to the amount paid in 2017 (7,798,050 Ksh / 78,912 USD). However, the number of no-negligence claims still outweight that of negligence claims.



#### PREDATOR PAY-OUT VALUE PERCENTAGES



# KUKU AERIAL CENSUS WILDLIFE / LIVESTOCK COUNT

AIM: To understand wildlife and livestock distribution/abundance on Kuku Group Ranch MWCT began aerial surveys in 2010 as part of a long-term ecological monitoring plan for the group ranch, and to inform decision making going forward. We monitor trends and changes over time, which is an important part of being able to develop appropriate conservation management strategies to effectively implement adaptive management.

#### 2018 - JUN 4 (Wet Season) & NOV 26 (Dry Season)

Transects were flown systematically between 2 planes, following a north to south bearing at a height of approximately 500 ft and at a speed of approximately 110 mph with an approximate cumulative 7 hours of flight time. Overall the wildlife population remains stable with both reductions and increases in various species population sizes.

6,445

1 **20**% \*2017

68,515
TOTAL LIVESTOCK

†**40**% \*2017

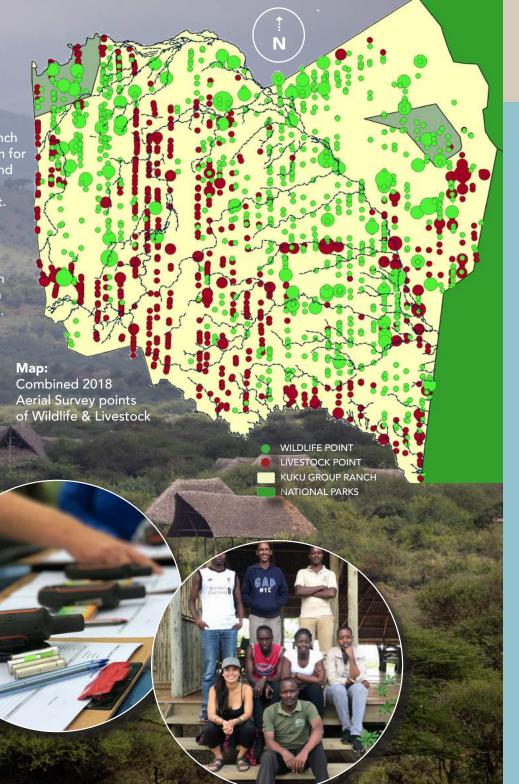
WE SAW POSITIVE RESULTS, ONE BEING THE 48% INCREASE IN ELEPHANT SIGHTINGS THIS YEAR...

#### **Photos:**

Jun Aerial Count: Preparation of GPS and wildlife recording sheets.

Nov Aerial Count Team: (L-R Ishmael, Muterian, Lenayai, Tricia,

David, Lydia, Soffiya & Emmanuel)



## **COLLABORATIONS** & EVENTS

MWCT MEETINGS | NEW YORK CITY MARATHON

#### **KEY MEETINGS**

#### 1ST QUARTER

WCS (Wildlife Conservation Society)

**SMART Connect Training** 

Tsavo Carnivore Stakeholders Workshop Carnivore research and community involvement

Chyulu Hills Conservation Trust
REDD+ Carbon Project Board Meeting

#### 2ND QUARTE

MWCT and KWS (Kenya Wildlife Service)
Quarterly Meeting

REDD+ Carbon Project Leaders meeting + 33 Outreaches

#### 3RD QUARTER

World Ranger Day - Nairobi

Meeting and celebration to commemorate the work and dedication of all rangers globally

African Ranger Congress - South Afric Leadership & Ranger support system wokshop for all of Africa

Conservation International Indeginous negotiation workshop

#### 4TH QUARTER

Peregrine Fund

Wildlife Poisoning workshop & training

College of African Wildlife Management SMART Adaptive Management workshop

# TCS NEW YORK CITY MARATHON

Young Maasai Warriors traditionally go out to hunt lions as an act of displaying their manhood and coming of age. We provide an alternative avenue for young Maasai boys and girls to exercise and showcase their skills, rather than traditional practices. This year we sent our Head Commander, Muterian Ntanin & Our Head of Simba Scouts, David Kanai to run in the NYC Marathon with several other supporters from all over the world. We surpassed our goal for MWCT and couldn't be more grateful with the amount of support we received throughout the year and during our stay in New York City.

Special thanks to NYRR, The Moxy Hotel Time Square, Spoon Table Bar, NYMF, ModoYogaNYC and our incredible team of runners for their passion and fundraising efforts, we couldn't do it without you!

Mark Somen (MWCT Board Member)
Muterian Ntanin (MWCT Head Commander)
David Kanai (MWCT Simba Scouts)
Nancy Fudacz (US Supporter)

Victoria Herbert (US Supporter) Brooke Aders (US Supporter) Christine Smith (US Supporter)

# TOTAL RAISED for MWCT

# **QUICK FACTS**

- OUR 10TH YEAR
- \$50,000 GOAL
- 8 AMAZING WILD RUNNERS
- GRAND PRIZE STAY AT CAMPI YA KANZI



## CHYULU HILLS CONSERVATION TRUST

**REDD+** CARBON PROJECT

#### WHAT IS REDD+

The main drivers of forest destruction are economics and poverty. **REDD+** is a mechanism that has been developed through the UN Framework Convention on Climate Change (UNFCCC) to provide economic incentives to protect forest rather than destroy it.

By protecting forests, greenhouse gas emissions are avoided. The international carbon markets recognise that carbon emissions result in real costs and risks to the planet as a result of the damage caused by climate change - droughts, extreme weather, sea level rise, loss of glaciers, ocean acidification, etc.

Payments to REDD+ projects enable individuals, companies and institutions to reduce their net emissions and receive "carbon credits" that offset their carbon footprint.

#### **CHYULU HILLS -** a critical corridor

The Chyulu Hills sit close to Kenya's southern border with Tanzania nestled in front of Mount Kilimaniaro, which towers over this iconic African landscape. The hills themselves, like the great mountain, are the result of the violent volcanic history of this region. They gently rise nearly 4000 ft above the surrounding dry plains and savannah, just high enough to capture the clouds and provide conditions for the growth of a lush tropical montane cloud forest along its ridge tops. The landscape (nearly 4000 sq. km) forms a critical "bridge", linking together two of Kenya's most important wildlife areas, the greater Tsavo Ecosystem and Amboseli Ecosystem.

This area is home to Kenya's largest surviving population of elephants and one of its foremost large-scale wildlife and wilderness areas. 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 lions, cheetahs, wild dogs, rhinos, elephants, and various antelopes.

5200% Carbon footprint of the average American compared to the

**1400%** in CO<sub>2 EMISSIONS</sub> since 1960

#### **CREDIT STANDARDS**

- HIGHEST **GOLD RATING** DUE TO EXCEPTIONAL BENEFITS

### **9 STAKEHOLDERS** CHYULU HILLS CONSERVATION TRUST

- KUKU B

- MAASAI WILDERNESS CONSERVATION TRUST
- DAVID SHELDRICK WILDLIFE TRUST

# HOW IT WORKS







100% OWNED AND MANAGED BY LOCAL INSTITUTIONS

## average Kenyan's.

15-20%

of Greenhouse Gases are caused by Forest destruction (more than cars, planes & trains put together)

# **QUICK FACTS**

**ACRES OF LAND** 

**2**million

**CREDITS** 

**NATIONAL PARKS CONSERVED & A** VITAL DISPERSAL AREA FOR AMBOSEL NATIONAL PARK

**MAASAI PEOPLE** 



PRESERVING A CRITICAL WATERSHED, **FEEDING WATER TO MOMBASA** (2ND LARGEST CITY IN KENYA)

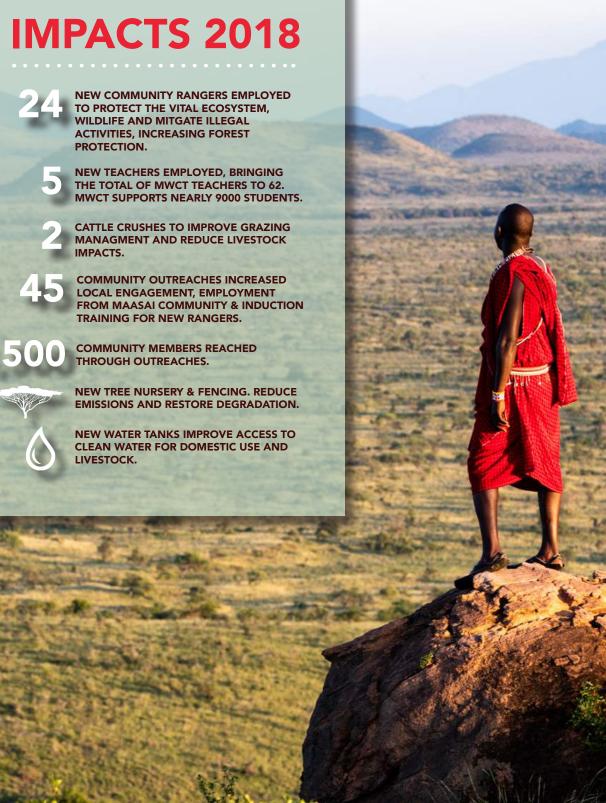


**PROTECTING ICONIC & ENDANGERED WILDLIFE** 

"The Chyulu Hills REDD+ Project represents a model partnership between government, local communities, and the private NGO sector to build a much needed sustainable funding model for conservation."

- JUDI WAKHUNGU (Former Cabinet Secretary for Ministry of Environment, Water & Natural Resources of Kenya)





# **HEALTH** Programme

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.





Outreaches









3,612



10,546
Patients



































Through the Susan G Komen Foundation grant we were able to promote breast cancer awareness in the Kuku community.







Breast health talks to community

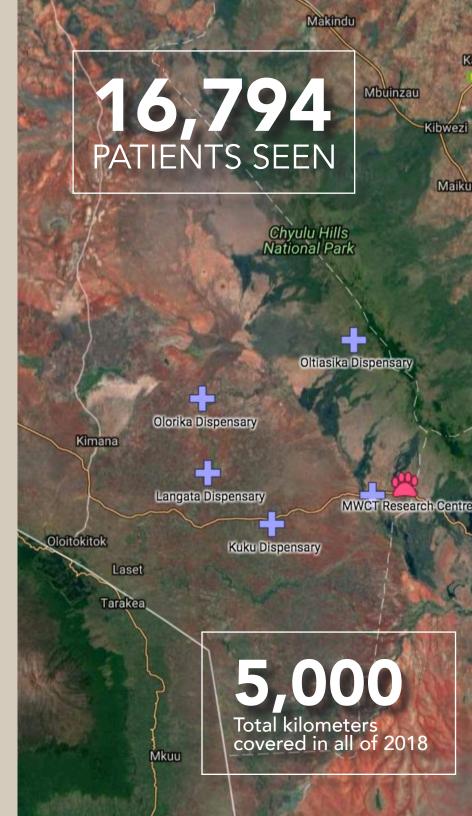


Community Health Education Programme sessions conducted\*





28 Clinical Breast Exams given





# LIVELIHOODS PROGRAMME

MWCT supports the Maasai 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.

#### **GRASS SEED BANKS**

Moilo, Enkii, Inkisanjani, Langata

10 Local Women in Charge for each area

10 hectares Project area

1.5 high electric fence

1,300 kgs Grass Seeds Harvested

10 bales Hay Sold

400 Kshs (4 USD) Per Hay bale sold

#### **CHRISTMAS ORNAMENTS**

A NEW COURSE Sponsor

**250** Ornaments sold

**NYC MARATHON: THE MOXY** 

**40** Jewelry Items sold

FGM (Female Genital Mutilation Outrea

A NEW COURSE Sponsor

Trained Anti-FGM Influencers

**620** Young Maasai Girls reached

#### HIPPO ROLLERS

Marshall Family Donor

The purpose of a hippo roller is to reduce the burden of carrying water back and forth for multiple trips. It is a rolling water device that carries 4x the amoung of water normally carried on the backs of Maasai women and children. This device not only saves the women time but also relieves the load on their bodies throughout the day.

10 Hippo Rollers Distributed

Iltilal Ilchalai Kuku **Enkusero** Enkutoto Moilo

Langata (beading group)
Langata (grass seed bank group) Women's Groups





# **EDUCATION PROGRAMME**



Teachers employed

Support staff

Students enrolled 53% 47%



## **KEY NOTES**

1 Teacher - 50 Pupils

5 NEW Teachers employed

Lower classes, Iltilal Primary School (1230 students)

MWCT purchased branded pens & notebooks for every student in Kuku Group Ranch.

**7,076** students in **20** schools were given supplies. MWCT will continue to distribute the supplies to the remainig 6 schools in the new year.

During these 20 outreaches, parents were invited to be updated on the programmes of MWCT. **4,988** parents were reached.

Iltial Mixed + Enkii Boys

4 pupils were given scholarships at

1 student: St. Lukes

varying levels. 2 students: Brooke House

236/500

Iltilal Primary School

1st - Social Studies 2nd - Math 3rd - Science

AGNES BENDA SIYAMET (373/500 score) Iltilal Kanzi Primary School

ANDREW MUUYA MUTIA (411/500 score) Iltilal Kanzi Primary School

Celebrate exam performances

Maasai Elder also teaches cultural classes

# CHALLENGES Some schools in Kuku Group Ranch such as Ministry of Education Loitoktok Subcounty Education Office Government Education Office Inkisanjani, Iltilal and Elangata do not have adequate classrooms to cater for their high enrolments. They are also experiencing shortage of teachers. Naisula School Skagerak International School Le Rosey Institute

# **MWCT** FINANCIALS

**PROGRAMMES & ACTIVITIES** 

#### **GRANTS**

MWCT is extremely grateful for all of the generous grants we have recieved throughout the year. A special thank you to the Leonardo DiCaprio Foundation for their grant of \$1 Million, as well as MWCT's U.S arm, The Maasai Wilderness Conservation Fund, for continuing to help sustain the varying MWCT programmes for 2018.

# **ANNUAL EXPENSES**

**CONSERVATION** \$1,469,409

**EDUCATION** \$421,973

HEALTH \$89,422

**ADMIN** \$187,868

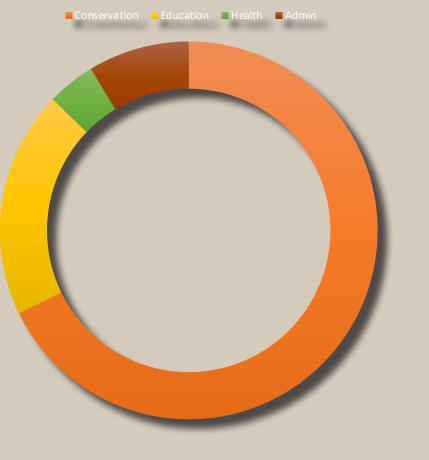
TOTAL \$2,168,672













# PARTNERS & SUPPORTERS 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 the goals and work expressed above.



