



BORANA CONSERVANCY NEWSLETTER NO III





BORANA FACTS

32,000 acres - 13,000 hectares

ALTITUDE: 6,300ft - 1,900m

LOCATION: Laikipia

TIME ZONE: GMT +3

CLIMATE: moderate high altitude equatorial climate, with sunny days and chilly evenings

Average rainfall 500mm per annum spread over two seasons

26km north of the equator





A LETTER FROM THE MANAGING DIRECTOR - MICHAEL DYER

This newsletter details our recent conservation successes and whilst it is primarily focused on Borana, none of what we have managed to achieve would have been possible without the strong partnership and support of our neighbours the Il'Ngwesi, the Lewa Wildlife Conservancy, the Kenya Wildlife Service along with The Northern Rangelands Trust. Over many years Borana has had incredible support from Cathy Dean CEO of Save the Rhino International, who processes most of the funds we raise and also writes all of our USF&W grants. ForRangers continue to provide support to our rangers in the field and in 2018 ForRangers ran the first ultra-marathon with Beyond the Ultimate - Borana Conservancy was one of the five conservancies that runners crossed. It is now hoped that this will become an annual fundraising event. The future looks great for Black Rhino and our Lewa Borana Landscape (LBL) now hosts a key one population of 100 +. The LBL was recently selected to be part of a new and innovative funding mechanism for conservation "The Rhino Impact Investment Project" this is focused on Black Rhino, the scoping exercise has been completed and we are now progressing to implementation.

We have made real progress in sustainable energy and now have three solar-powered boreholes providing water for domestic use, wildlife and also Sanga school. The quest to minimize our impact will continue as we reduce our dependence on fossil fuels and we look forward to solar energy solutions at our HQ along with electric game drive vehicles and more solar and wind powered watering points for wildlife.

Anyone who has watched Sir David Attenborough's recent epic 'Our Planet' should now be on board with the consequences of shrinking habitat. Global conservation of habitats remains a key challenge to wildlife and marine life and the facts are "that only 1.5% of global philanthropy is allocated to habitat conservation, a further 1.5% goes to animal welfare whilst 97% goes to human causes", but habitat is also about people, without intact ecosystems or restored natural capital, we also can not survive. We must continue to work towards a sustainable future and will pursue UNESCO Natural Heritage Status and also hope to have Borana recognised as a Global Ecosphere Retreat - GER® towards the end of 2019. We can celebrate that in this small landscape (our sphere of influence and actions), wildlife numbers continue to increase, biodiversity flourishes, rivers flow and human wildlife conflict is reduced year on year.

Clearly tourism remains the single largest contributor to the cost of underwriting secure habitat and it is hoped that our collective commitment to cycling revenue directly back into the conservancy will continue to guide peoples' decision in choosing Borana as a preferred destination.

CONSERVATION FACTS

The Lewa-Borana Landscape:

92,000 acres of sustainable wildlife habitat
- the largest contiguous rhino conservancy
in East Africa

300,000 acres are safeguarded as part of
the wider eco-system

Home to 14% of Kenya's rhino population

12% of the world's population of the
endangered Grevy's zebra

Zero poaching in 5 years

16 rhino calves born in 2018

72% local employment rate on Borana

A Key One Black Rhino population -
one of three in Kenya



THE BORANA CONSERVANCY

Borana is dedicated to the sustainable conservation of land and wildlife. Our holistic approach commits tourism, ranching, and other enterprise to building local livelihoods and enhancing ecosystem integrity.

Borana's shareholders have demonstrated their commitment to conservation by agreeing to a conservation easement, thereby ensuring Borana management is bound to protect wildlife and the environment, in perpetuity, over and above competing commercial considerations. The shareholders underwrite the core conservation costs and have agreed that all profits are reinvested in the conservancy.

The Borana Conservancy undertakes all of Borana's conservation and community support programmes, and is able to accept donations towards internal conservation costs and in support of conservation and community development beyond Borana. It will continue to work to increase Borana's contribution to conservation and we collaborate on the management of natural resources with the Lewa Wildlife Conservancy, thereby hosting rhino across a wider conservation area.

Borana is able to:

- Make the most of conservation and community support programmes.
- Make sure that we employ as many people as we need, pay our taxes and use all land as productively as possible within the Conservancy mandate.
- Sustain and provide wildlife habitat as efficiently as possible, ensuring that the wildlife has a secure environment in which to breed and thrive.
- Ensure that local communities recognise the economic advantage of wildlife, through employment, community programmes and commercial opportunities on their own land.
- Enter into a collaborative management agreement with Lewa Wildlife Conservancy.

THE SUCCESS OF BORANA WOULD NOT BE POSSIBLE WITHOUT SUPPORT FROM:

Borana Conservancy Trust • Crash & Herd • Cotswold Wildlife Park • Fauna & Flora International • ForRangers • Griffin International Ltd • Human Practice Foundation • Kenya Wildlife Service • Laikipia Forum • Lewa Wildlife Conservancy • Mount Kenya Trust • Ngare Ndare Forest Trust • Northern Rangelands Trust • Save The Rhino International • Sporting Rifle • Tusk Trust • US Fish & Wildlife Services • The Zoological Society of London • Zurich Zoo

WILDLIFE



COMMUNITY



ENVIRONMENT



TOURISM



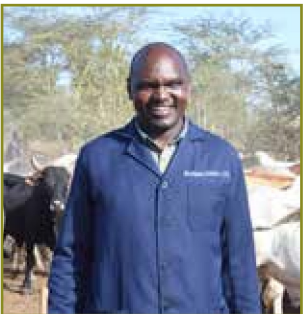
THE FACES OF BORANA



William Kiupe was born close to Kingara's Gate on the northern boundary, where his family still live. He is head of security on Borana and is now in charge of 115 rangers. Kiupe's association with Borana started a long time ago when Michael saved his life after he had been gored by a buffalo. His father also worked for Borana in the past.



Rianto Lokoran is second in command of the anti-poaching team (NPR). He holds a diploma in Wildlife Management from the Amboseli Institute as well as being a member of the Kenya Professional Guides Assoc. He is the link between conservation and tourism, playing a major role in public relations for the Conservancy, regularly talking to the press and potential donors about our role in the wider landscape.



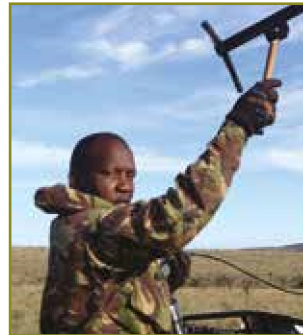
Ochen Maiyani is our Community Liaison and Development Officer. He holds a Diploma in Procurement and Business Management from the Kenya Institute of Management. Born at Sanga Village in Il Ngwesi Group Ranch, he has worked with community and non-profit organisations in Laikipia County. Hailing from Laikipia and with a pastoralist background, Ochen's passion lies in rangeland improvement, protection and rehabilitation as well as wildlife conservation.



Jedidah Kathure is in charge of Human Resources. Having achieved an International Diploma in Human Resource Management from Cambridge International College, Jedidah has been an integral part of the formation of HR department. Jedidah acts as role model to younger girls from her community, engaging them in talks to encourage them to further their studies.



Faith Lengipis, is a member of Borana's Security Team. One of thirteen females recruited in December 2018. Faith is settling into her role as a wildlife ranger well. Currently she is monitoring one of the main gate houses onto Borana, informing the Operations Room of traffic coming onto the Conservancy. Born in Chumvi, Faith's family are very proud of the work she is doing on Borana. We are thrilled to welcome her to the Borana team.



Wilson Sambaine is responsible for monitoring the rhinos and lion on Borana. He tracks them with a telemetry tracker or on foot the old fashioned way. Passionate about his responsibility, he provides a valuable service to the rhino monitors and 'Lion Landscapes' imparting vital data, which is also shared with our local communities, preventing livestock losses to opportunistic lion.



Pauline Kawap has been nursing for the Borana Mobile Clinic since its inception in 2005, seeing others come and go she has been the continuous face of the BMC. She has been on many courses to keep in touch with modern methods of medicine and contraception. Pauline is greatly loved, admired and respected by the thousands of people who she talks to and administers to on a daily basis.



Nicholas Nangunye walked into the Borana stables in 2002 looking for a job. It quickly became obvious that he has a love for a horses, a very gentle way of riding and extraordinary eyes for finding almost anything in the bush. He is now one of our top riding guides. His other love is running and he always competes in the Lewa Marathon. He also took part in the London marathon a few years ago - raising funds for Save the Rhino.



BORANA IS VERY PROUD TO BE A MEMBER OF THE LONG RUN

Founded in 2009, by Jochen Zeitz, The Long Run is now one of the world's largest sustainable development initiatives led by nature-based businesses.

- 13 million acres of nature safeguarded by Long Run members.
- 500,000 people touched by various partners and projects of The Long Run.
- By 2020 The Long Run would like to safeguard 20 million acres and reach out to two million people.
- The vision of Borana and The Long Run is that of a world where business, nature and people are harmoniously working together for a sustainable future.
- In order to pursue this vision, The Long Run seeks to 'support, connect and inspire nature-based businesses to excel in following the highest standards of sustainability encompassing Conservation, Community, Culture and Commerce (4Cs) and collectively influencing others to take up best practices for a sustainable future worldwide'.

www.thelongrun.org

SUSTAINABILITY AND RECYCLING

As part of our commitment to The Long Run and the health of our planet, Borana Conservancy is actively reducing its carbon footprint by using sustainable sources of energy including solar and wind to meet the energy requirements of our lodges, houses and boreholes.

How properties on Borana actively engage in waste reduction and sustainable sourcing:

- Glass waste is either crushed to create eco-concrete or cut into drinking glasses.
- Waitabit Farm provides fresh produce to all guests and employees, reducing food miles.
- Food waste is fed to livestock or turned into compost.
- Beeswax papers are used across the properties to preserve food.
- Firewood is sourced from single-stemming trees or sustainably grown woodlots.
- Cardboard cartons are used for planting saplings in an effort at reforestation.
- Sirai, Arijiju, Borana Lodge and Lengishu's power requirements take advantage of the sun for electricity and hot water. This progressive switch to sustainable energy also includes three solar powered boreholes providing water for domestic use, wildlife and Sanga School. The next phase will be Laragai House, our administrative Headquarters and also electric game drive vehicles.



KEEPING WILDLIFE SAFE

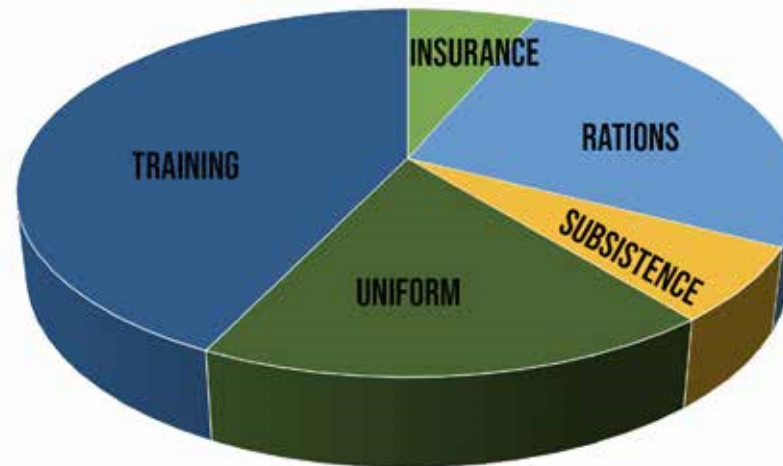
In December 2018, Borana employed thirteen women from within our community as part of Borana's security team. Their roles include patrolling and maintaining fence lines, acting as gate keepers, monitoring wildlife and radio communications, many of which are new skills to them.

These women are gaining first-hand experience working as part of a conservation team and hand in hand with nature. This initiative has created opportunities which could otherwise have been considered unobtainable for women living in small remote villages. They are galvanized and happy to be in their new positions as part of Borana's security team and are becoming the face of conservation within these communities, inspiring local women and girls to take part in conservation.

Borana Conservancy's anti-poaching team is proud to report 100% local employment rate, encouraging local communities to see the value in rhino conservation.



THE COST OF RANGERS - EXCLUDING SALARIES



WILDLIFE STATISTICS:

115 wildlife rangers on Borana Conservancy of which 13 are women

23 armed and registered Kenya Police Reservists

444 km2 covered by the Joint Operations Control Centre (JOCC) at Lewa HQ

45 collared elephant monitored

47 lions monitored

All Borana Rangers received life insurance from Borana Conservancy

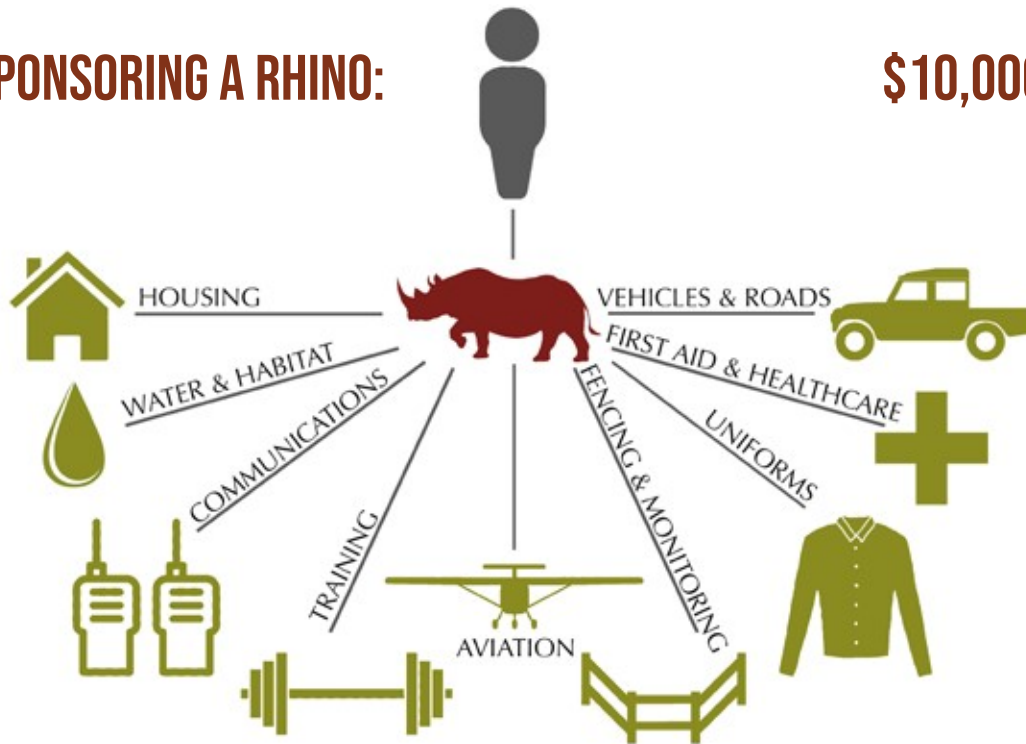
RHINO UPDATE

2018 was a fantastic year for rhinos on the Lewa-Borana Landscape (LBL) with **16 rhino births**, (ten black rhino and 6 white rhino) supported by **over five years of zero poaching!**

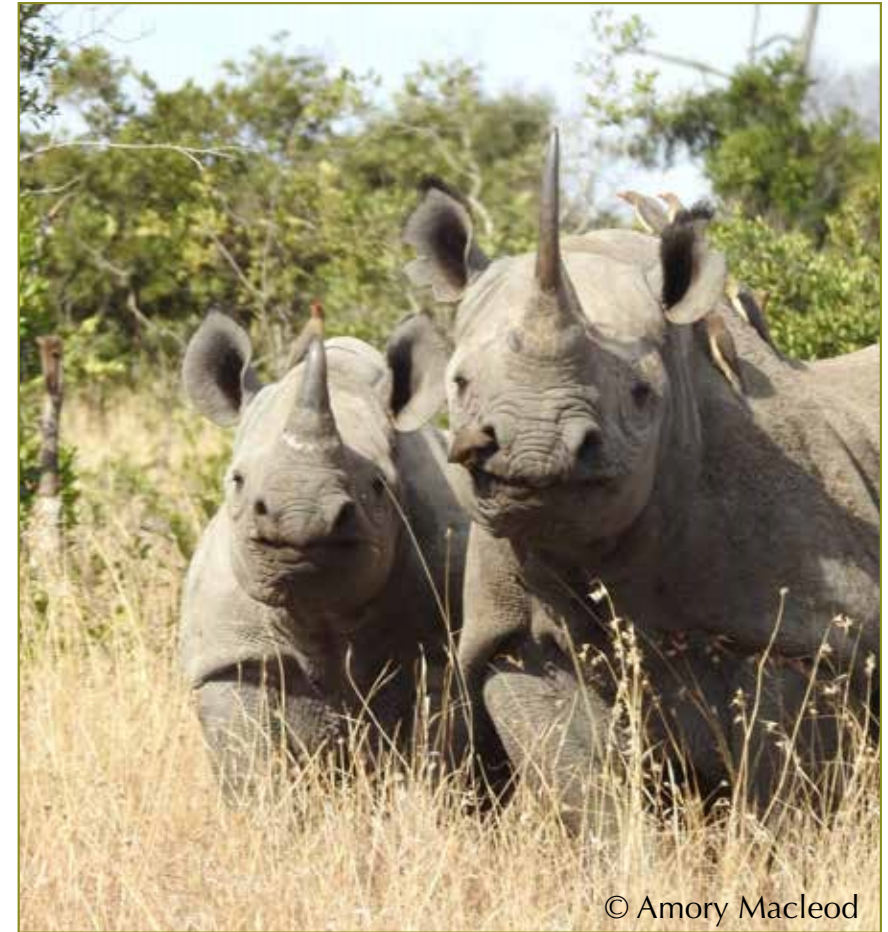
The LBL black rhino population is now a **key-one rhino population** (100+). This is a result of the 6.2% growth rate in their population between 2016-2018, a significant increase from the 3.6% growth rate recorded between 2015-2017. Similarly, the white rhino population grew by 7% in 2018 and now stands at 86 individuals. In February 2018, in partnership with Kenya Wildlife Service (KWS) and World Wildlife Fund (WWF), 25 rhinos (14 Black and 11 White) were successfully ear notched across the Lewa-Borana Landscape in order to include the individual identification of the rhinos in the KWS National Database.

SPONSORING A RHINO:

\$10,000



Leave a legacy on the Borana Conservancy by naming one of our rhinos and receive regular updates on their lives and well-being. The distribution of these funds will have a lasting impact on rhino conservation across the landscape. conservancy@borana.co.ke



RHINO IMPACT BOND:

The Lewa-Borana Landscape was selected to become one of the key Black rhino sanctuaries that will pilot a new model of rhino conservation funding in 2018. This framework, The Rhino Impact Investment Bond, will be outcome based, where funding will be contingent upon the achievement of Key Performance Indicators, which in this case will primarily be increased growth rates and ultimately higher Black Rhino numbers. The Rhino Impact Investment Bond is an initiative of United for Wildlife, a partnership between seven of the world's leading wildlife charities whose implementation is led by the Zoological Society of London (ZSL), Conservation Capital, and Conservation Alpha.

GREVY'S ZEBRAS

The second Great Grevy's Rally took place in January 2018, this time counting reticulated giraffe as well as Grevy's zebras. Over 170 teams took part in the rally generating over 100,000 photographs! These photographs are used to identify individuals as their markings are as unique as fingerprints. The count estimated a total of 2,812 (± 163) Grevy's zebras across northern Kenya. We are very pleased to report that the survey identified the Lewa-Borana Landscape as one of few places where Grevy's foal survival rates increased between 2016 and 2018.

LIONS

The lion population across the Lewa-Borana Landscape has continued to grow. In total, 47 lions were recorded, comprising of 29 adults, 9 sub adults and 9 cubs in 2018. Interestingly, nearly 70% of the adults and sub adults identified were females, indicating a high growth rate in the lion population in years to come. During December, lions were sighted by all our guests.

Borana continues to work with Lion Landscapes, in 2017 a young male named Ntulele was collared on Borana Conservancy as part of Lion Landscapes '**collaring for co-existence**' programme helping communities to learn to live with wildlife. As a young male, Ntulele was the perfect candidate for this study, he would be leaving the protection of the pride and the Conservancy and heading out on his own. Collaring lions and monitoring their behaviour and whereabouts can be transmitted back to the communities - giving them ample warning of predators in their midst causing extra vigilance. This makes it less likely that the lion will kill livestock and therefore the people are less likely to respond to livestock deaths by killing lions!

ELEPHANT CORRIDOR

WHO USED THE UNDERPASS IN 2018?

774 Elephant | 18 Buffalo | 19 Bush Buck | 600 Spotted Hyena | 44 Waterbuck | 21 Mountain Reedbuck | 6 Leopard | 2 Duiker





*secure habitat for
wildlife*

53 different mammal species and 334 different bird species



INCORPORATING THE 4Cs

Commerce

Community

Culture

Conservation



1,983 TRAVELLERS VISITED BORANA



IN 2018

to experience pristine wilderness
and enjoy the abundant wildlife

100% CONSERVATION
poured back into AND
COMMUNITIES

sustaining the conservancy and ensuring the
environment, wildlife and local people
benefit from conservation

tourism generated
\$868,000

ALL FOR CONSERVATION

is 30,000 acres
within 92,000 acres of
protected rhino habitat

in partnership with Lewa Wildlife Conservancy

**TOURISM AND CONSERVATION ON
BORANA MEANT THAT**

647 people employed from the local area

over 10,000 medical treatments

13 teachers and 39 children sponsored

recurrent training for over 115 rangers

protecting 9 highly endangered species

monitoring 47 lions in several prides

health education in 10 schools



COMMUNITY LIVESTOCK TO MARKET PROGRAMME

The objectives of the conservancy are to fund and effectively implement a mutually beneficial co-existence between all components of the living environment - the land, wildlife and communities.

During 2014, the elders from the Il N'gwesi and Makurian communities approached the Borana management team with a request to manage the cattle that they were already leasing grazing for on Borana. This initiated Borana's Livestock to Market Programme in 2016, a social enterprise that is supported by The Kenyan Market Trust and Borana Ranch Limited. To date, this project has generated an incredible KES 46 million worth of sales benefiting over 545 community members.

The selected committee made up of two elders from six neighbourhoods organise and select the cattle to participate in the scheme from their communities. The cattle are brought to Borana where they are vetted to ensure they fit the criteria for the project. The maximum number of cattle one individual is able to bring to the scheme is 20, thereby ensuring a fair distribution of participation amongst livestock owners in the project.

The cattle are weighed upon arrival at Borana and given an identification number and entry value based upon 130/- (approximately \$1.30 USD) per kg live weight. Six to eight months later after grazing on Borana and under Borana management, the animal is sold to market and the owner is paid the original entry value of the animal plus 80% of the weight gain value. Borana keeps 20% of the weight gain value to cover grazing, veterinary and dipping costs.

In 2018 alone the programme made sales worth KES 27,541,492 million. The livestock to market programme is now under a cooperative structure called Oramat Lenaboisho Cooperative Society, encompassing the six neighbourhoods Sanga; Lokusero; Mukurian; Chumvi; Ethi and Ngare Ndare.

Throughout 2018 the project developed good relationships with different suppliers improving access to markets for livestock sales and opportunities for livestock export. It is hoped that during 2019, a further 1500 steers and 500 cows will be added into the programme and that by the end of the year this initiative will run as a business rather than a social enterprise.

DR JOHNSON KIMAIYO LEGEI

Dr Johnson Legei joined the Borana Conservancy team in 2018, born in Makurian one of Borana's neighbouring communities he has recently qualified as a vet from the University of Nairobi.

Where did you go to school?

I studied at Olgir-gir primary school up to class 4 and then at DolDol Primary school to class 8. I had wanted to study at Nanyuki Boys High school but it was right after the post-election violence of 2008 so my father wanted me to stay closer to home, so I joined Dol Dol Secondary school. I was the first in my class's final exam.

When did you decided to become a vet?

Growing up I had a dog called Tera and of course coming from a pastoral community, we always had goats and sheep around. I had always wanted to be a Doctor so when I finished high school I applied to study dental surgery at the University of Nairobi but my grades were not up to it - I had the choice of studying either aeronautical engineering or veterinary medicine! The only choice I had of being a doctor was being an animal doctor. Although I found my degree tough I am very happy with my decision!

I was the second person to study veterinary from our community. A cousin of mine (and Borana Education Support Programme student) was the first. Shepelo is now doing her PHD and is also lecturing at the University of Nairobi - she was one of my lecturers in the last three years.

I am the eldest of 13 kids, my father is polygamous and has two wives. I hope I have set the bar quite high for my siblings to follow, they all attended school and I have some very clever sisters and brothers. One of my brothers will be starting university this year.

What is your role on Borana?

Initially, I was given a 3-month contract by Borana to assess the challenges facing the neighbouring communities in terms of animal health and access to markets. Following this assessment, I have stayed on at Borana in order to implement the recommendations from the study helping to improve the health of animals within these neighbouring communities.

Right now, I am working on a schedule to share the findings of the report with the communities and I am also helping the livestock to market programme and wherever else I am needed on Borana!

Where would you like to go in the future?

I applied for a scholarship for a Masters in Veterinary theriogenology once I had graduated but unfortunately was not successful. One day once I have built enough experience and monetary ability I would like to re-apply. For now, I am hoping to pay back my loan I took for University and keep on learning.





HOW TOURISM SUPPORTS CONSERVATION

The engine fuelling the Borana Conservancy is tourism. Sharing this piece of wilderness we protect with our guests, is essential to Borana's sustainability.

Between the five tourism properties on Borana Conservancy 129 people are employed, 97% of which are from local communities. **87,738,259/-** was generated through 2018 conservation fees which is an invaluable contribution to all core operating costs on the conservancy. This includes the support of a mobile health clinic, an education support programme, a community focused livestock to market programme, a water safety programme along with the training and welfare of over one hundred wildlife rangers. Staying on Borana acts as a direct contribution to safeguarding habitat for critically endangered species as well as building local livelihoods.

BEHIND THE SCENES OF CONSERVATION

Guests of the properties on Borana Conservancy are encouraged to take part in conservation through our "behind the scenes of conservation" activities. These include tracking rhino on foot at first light and accompanying members of our armed anti-poaching team on their evening deployments allowing guests an opportunity to meet the team that keep our rhinos safe and giving a face to our conservation activities.

WHERE TO STAY

Arijiju House - www.arijiju.com | Borana Lodge - www.borana.com | Lengishu - www.lengishu.com
Laragai House - www.laragaihouse.com | Sirai House - www.siraihouse.com



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COMMUNITIES

A conservancy cannot only focus on the protection of the land and wildlife, but also needs to acknowledge the relationship of the environment to its people, and the ever-increasing competition for vital resources – land, food, water – between an increased human population and wildlife populations that are struggling to survive and that we are striving to protect.

Managing the interaction between humans and wildlife is one of the core objectives of the conservancy where a harmonious balance needs to be maintained. Through different projects and our local employment policy; the wider community who are our partners in conservation can realise real benefits from a well-managed contiguous eco-system.

We encourage all the guests to Borana Conservancy to visit our neighbouring Maasai community for a cross-cultural experience - dancing, shooting bows and arrows, drinking tea and trying your hand at beading.

CORPORATE & SOCIAL RESPONSIBILITY FACTS

59% = VALUE OF PURCHASES
WITHIN LAIKIPIA

34% = VALUE OF PURCHASES
IN KENYA,
OUTSIDE OF LAIKIPIA

7% = VALUE OF PURCHASES
OUTSIDE KENYA



ANTASSIA BAGS

Although Borana Conservancy is found at a meeting point of various cultures, there are traditions which run deep within. One of which is bead work. Borana Conservancy is partnered with Antassia, a collective of women in Northern Kenya who create beautiful beaded bags and accessories for sale across the world. These items are sold at the Borana Lodge shop as well as across Kenya and have recently broken into the American market. Over **200 women** are employed by Antassia across the wider eco-system. These beaded items allow these women to make a living through their own trade, rather than a reliance on families or livestock. Over **KES 200 million** was generated through sales in 2018 for various women across the community. This is almost double the amount generated in 2017, an extremely positive step. This project allows Maasai women from the Mokogodo area to work from home, allowing their traditional role as a Maasai mother and wife not to be interrupted. Each bag takes around two weeks to create. The women are paid for the pieces they make, quantifiable by weight, for example **40kg = KES 4,000 or USD \$40 of revenue**.

“Since we are part of the project our lives have improved. We can now decide what we do with our money. We buy food for the family, and we can send our children to school.” *Margaret Napai*

BORANA EDUCATION SUPPORT PROGRAMME

The Borana Education Support Programme has continued to work closely with our local communities, inspiring the lives and futures of children. The focus of the education programme remains on those communities in the immediate surroundings, with investments focusing on facilities, teaching tools and the schools' conservation efforts. Since the inception of the education support programme over 160 children have received 100% scholarships from the programme.

THE EDUCATION PROGRAMME IN 2018

- Employed **11** teachers at 6 different local primary schools.
- Employed **2** secondary school teachers.
- Sponsored **15** scholars at different local secondary schools in the area (2 of whom are students attending schools for special needs).
- Sponsored **24** of the top students in the area with scholarships to university.
- A total of **US \$46,057** was spent on school fees in 2018.

ETHI PRIMARY SCHOOL

2018 saw great developments at Ethi Primary School, located to the south of Borana's main gate. With support from The Human Practice Foundation (HPF) the school was able to build a new administration block, renovate existing classrooms, build a jungle gym and a further two ablution blocks. We are incredibly grateful to the Human Practice Foundation for this support and the additional 1000 library books HPF donated to the school.



TEAM TALK

Team Talk is a UK based charity which has been supporting Borana Conservancy's education programme since 2016. They are working with both Lokusero and Sanga Primary Schools and will start working with Lokusero Secondary School in 2019. Team Talk's primary focus is on gender equality among children in rural areas. They are trying to tackle the problems of gender in these areas through Tag Rugby, a game which can be played by either sex. Borana Conservancy is extremely grateful for their continued support.

WATER

Water is often taken for granted. With support from **Borana Conservation Trust** the borehole at Sanga, located on the southern side of Il N'gwesi Group Ranch was converted from wind to solar power in 2018. This one borehole now provides clean water to the **70 households** of Murua Naishu Village in Sanga. This translates to over **400 individuals plus the 166 pupils and 11 teachers at Sanga Primary School!**

Tusk Trust provided support for Borana Conservancy to purchase a new tractor and water bowser in 2018. This has been used to supply water to villages adjacent to Borana facing serious water challenges. Women living on our boundaries are also encouraged to come to the gate houses to collect water - Fox 3 on the western boundary supplies water to around 50 households a day. During the dry season water is pumped to different tanks and troughs throughout the Conservancy supplying water to wildlife especially rhino and elephant.

Over **500,000 litres** of water was provided to Borana's neighbouring communities in 2018.

EUNOTO AGE GROUP CEREMONY

In July 2018 there was a celebration within the local Maasai culture, to mark the transition of a group of men from warriors to senior warriors. The 'ilmeoli transition' marks those who are of age now taking full responsibility for protecting their societies.

The celebration took place at a manyatta at Ol'arijiju Village in Makurian, to the north of Borana Conservancy, and lasted for three months. After the many ceremonies these senior warriors may now marry.

The manyatta village was used constantly by 29 families for 3 months.

During that time over 16,000 litres of water was sent in a water-bowser every week from Borana.



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BORANA MOBILE CLINIC

The Borana Mobile Clinic (BMC) provides basic health care, health lectures, HIV Aids awareness, antenatal advice, child immunisation programmes and family planning to all members of the local community.

The Borana Mobile Clinic continued to visit the neighbouring communities during 2018, treating on average **160 patients every week**. The mobile clinic was started in 2005 and was endorsed by the Ministry of Health and The National Hospital Insurance Fund, the clinic offers vital healthcare to our neighbouring communities.

The team consisting of Pauline a qualified nurse, Julia a community nurse and the driver Patrick, visit 10 communities on a two week rotation. As well as carrying out campaigns on trachoma, polio, measles, screening of the cervix, HIV awareness and antenatal counselling, the nurses also treat common conditions such as colds, flu and give family planning advice.

Early in 2018 Borana Conservancy, with the support of **Cotswold Wildlife Park** and the **Borana Conservation Trust** invested in a new vehicle for the BMC. The previous one had covered many miles and spent rather too much time in the workshop so we are very grateful for the kind donation from the Cotswold Wildlife Park that enabled us to purchase the new one. Over US \$32,670 was spent on community healthcare in 2018, with full support from the Ministry of Health.

HEALTHCARE PROGRAMMES 2018

Curatives	4272
Family Planning	1094
Immunisation for under 5s	309
Antinatal	92
Deworming	5983
Malnutrition Screening	416
Attending school talks	1176

HIV / AIDS

Counselling	6190
Testing	4598
Positive	70
Positive + ARVS	47
Children under 5	7



IRENE LERUSA'S STORY:

During a routine visit by the clinic to Ngare Ndare village, the nurse found a young girl called Irene living with an incredibly painful condition called Encephalocele. Encephalocele is a birth defect caused by the skull not fusing correctly and therefore part of the brain or the fluid surrounding the brain protrudes through the forehead. If left untreated Irene would not only continue to suffer from the pain and social stigma but would also have been left with brain damage. Fortunately, at three years old, Irene was the right age to receive treatment. In May, she visited Kijabe Children's Hospital where she was examined by an ENT specialist, a plastic surgeon and a neurosurgeon. Once the funds for the operation had been raised Irene underwent surgery in September. The operation was extremely successful and Irene is now out of pain and preparing to go to nursery.



THE LEWA SAFARICOM MARATHON / THE 10 - 4 MOUNTAIN BIKE RACE / THE FORRANGERS ULTRA

For guests who would like to get involved in a fund raiser for conservation, the **Lewa Marathon** takes place each year during the last weekend of June. This is one of the toughest marathons in the world, being on dirt tracks, at altitude and with high temperatures. Runners often see wildlife, such as zebra and rhino, on their way around the course.



For more information contact conservancy@borana.co.ke

© Jeff Waweru

The **10-4 Mountain Bike Race** happens in mid-February, it is a very fast downhill chase through some spectacular country, finishing at Waitabit Farm on Borana Conservancy.



Taking place in September the **ForRangers Ultra** is a 230 km race split into 5 stages crossing 5 conservancies, encountering diverse wildlife and scenery under the watchful eye of the Rangers.

WAITABIT REGENERATIVE FARM

In October 2017 the fields at Ngare Ndare, known as Kabati Farm, were leased by Waitbit Farm Limited (WFL). Owned and operated by Llewellyn Dyer, Waitabit Farm is now the largest permaculture project in East Africa.

Nestled on the eastern bank of the Ngare Ndare River its primary focus is to add value to Borana's existing livestock operation through an irrigated and integrated grass fed livestock finishing programme. WFL also produces fresh fruits, vegetables, eggs, cream, fodder and sustainably sources firewood and charcoal for the Borana properties as well as the ranch and conservancy.

Over 20 individuals are employed on the farm and farm tours are offered to learn about permaculture and the regenerative farming techniques used at WFL. A trip to Waitbit leaves one with a wealth of knowledge along with a passion for food and where it comes from.

The idea of Waitabit is to reduce the gap between farm and fork, ensuring all the guests of Borana eat local, fresh food, which is not only good for one's health but also good for the soul.



WAYS TO GET INVOLVED

- \$5 - school desk for a primary school student
- \$25 - one classroom desk
- \$50 - school uniform for one pupil
- \$80 - one month fuel for the Borana Mobile Clinic vehicle
- \$130 - full ranger uniform including boots
- \$400 - secondary school fees for one term
- \$650 - nurse's salary for one month
- \$800 - secondary school teacher's salary for one month
- \$2,200 - primary school teacher's salary for one year
- \$10,000 - sponsor and name a black rhino

BORANA CONSERVANCY LTD

TO DONATE IN USD:

2190006372

TO DONATE IN GBP:

2190006373

BANK: GT BANK LTD

BRANCH: NANYUKI

SWIFT CODE: GTBIKENA

For more information: conservancy@borana.co.ke

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CONSERVATION PARTNERSHIPS WORKING TOWARDS A CONTIGUOUS ECOSYSTEM

BORANA CONSERVANCY firmly believes in collaboration, and has forged long-lasting and beneficial relationships with various other conservation agencies and initiatives within Laikipia and across the Kenyan landscape. Here are a few of our key conservation partnerships:



KENYA WILDLIFE SERVICE

The KWS is the government agency tasked to protect and manage the fauna, flora and eco-systems of Kenya. The KWS Conservation and Management Strategy (2012) for Black Rhino underlined a long-term target of conserving a viable metapopulation of 2000 Eastern Black Rhino (*Bicornis michaeli*) in situ in Kenya, with a short-term goal of achieving 700 Black Rhino by 2011. This was dependent on a minimum 6% growth increment of the population. Borana is part of the KWS strategy officially launched in December 2018.



LEWA WILDLIFE CONSERVANCY

The LWC works as a catalyst for the conservation of wildlife and its habitat. This is achieved through the protection and management of species, the initiation and support of community conservation and development programmes, and the education of neighbouring areas in the value of wildlife. LWC borders Borana to the east and was one of the first rhino conservancies in Kenya. Borana and Lewa have become one large contiguous ecosystem, giving rhino additional secure habitat.



NORTHERN RANGELANDS TRUST

NRT's mission is to develop resilient community conservancies, which transform people's lives, secure peace and conserve natural resources.

The highest governing body is the Council of Elders, Chairs of the conservancies make up the majority and are joined by others who represent, county councils, wildlife forums, KWS and the private sector. The success of NRT has already helped to shape new government regulations on establishing, registering and managing community conservancies.

North Kenya faces a host of challenges, transport corridors, oil discoveries, population growth and climate change - NRT is helping the conservancies to understand what these threats and benefits mean for them and how they can develop a resilience to cope with the changes.



LAIKIPIA FORUM

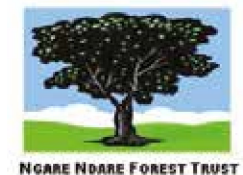
Borana and LWF have been integral partners in this landscape since the formation of LWF in 1992. They have consistently worked together to assure that people and wildlife continue to benefit from programmes and activities that support the broad goals of landscape contiguity and wildlife conservation.

This work includes support for wildlife conservation strategic planning at county level, participation in support for the future of the Mukogodo Forest, rangelands management, and the expansion of black rhino conservation habitat. Strong neighborhood engagement has always been a cornerstone of their working relationship.



MOUNT KENYA TRUST

Mount Kenya is 'one of the most impressive landscapes of Eastern Africa, with its rugged glacier-clad summits, Afro-alpine moorlands and diverse forests that illustrate outstanding ecological processes'. The forest zone is the largest remaining in Kenya and its ecosystem as a whole plays a critical role in water catchment for two main rivers in the country, the Tana and Ewaso Nyiro. Millions of Kenyans depend directly on these rivers for their livelihoods. The Mt Kenya Trust was founded to protect these forests. Projects put in place to achieve this goal include planting seedlings, fencing and patrolling the forests on ponies to protect wildlife and deter loggers.



NGARE NDARE FOREST TRUST

Borana Conservancy is a Trustee of the Ngare Ndare Forest Trust and has been significantly involved since its inception. The trust is run entirely by the Ngare Ndare community in partnership with the Kenya Forest Service, their aim being to protect the forest and its vital water-catchment for future generations. The Ngare Ndare Forest Trust emphasises the community ownership of the forest, thus fostering a sense of responsibility for this vital resource and ecosystem. Borana supports this community as well as the trust's conservation efforts by sending guests on forest visits.



EMBRACING THE PRINCIPLES OF THE 4CS - COMMUNITY - CONSERVATION - CULTURE - COMMERCE

ALL FOR CONSERVATION