





CONTENTS

Inside front cover: 'In Honour of Lions' by Emily Lamb, as featured in 'Remembering Lions', the fourth book in the highly acclaimed Remembering Wildlife series of charity books created by photographer Margot Raggett. Oil on canvas. 120 x 90 cm.

Front cover: 'Efemena - Here is my wealth', a graphite pencil drawing by David Filer from a photograph by Adrian Steirn's 'Pangolin Men' series. Steirn, working with the Tikki Hywood Trust, photographed a group of men at the organization who protect and rehabilitate pangolins in Zimbabwe. With his striking but tender portraits and a three-minute documentary-style video, Steirn hopes to spread awareness and evoke affection for an animal many do not know exist. 100 x 70 cm.

INTRODUCTION

Foreword	5
Make a Difference	7

AFRICA

Elephants for Africa - Botswana	20
Travel for Impact - Botswana	23
Agohelma Orphanage - Ethiopia	26
Big Life Foundation - Kenya	28
Kinondo Kwetu Trust Fund - Kenya	32
Local Ocean Conservation - Kenya	35
Mara Elephant Project - Kenya	38
OI Lentille Trust - Kenya	41
Time + Tide Foundation - Madagascar	43
Green Safaris Conservation Foundation - Malawi	46
Mayamiko Trust - Malawi	48
Ripple Africa - Malawi	51
AfriCat Foundation - Namibia	54
Cheetah Conservation Fund - Namibia	58
Have-a-Heart - Namibia	61
Lionscape Coalition - Namibia	64
Conservation Heritage -Turambe - Rwanda	68
Rwanda Wildlife Conservation Association - Rwanda	72
Grootbos Foundation - South Africa	75
Uthando - South Africa	80
Foxes' Community and Wildlife Conservation Trust - Tanzania	83

The Plaster House - Tanzania	86
Paper Craft Africa - Uganda	89
Ride 4 a Woman - Uganda	92
The Chimpanzee Trust and Sanctuary at Ngamba Island - Uganda	95
Chipembele Wildlife Education Trust - Zambia	98
Zambian Carnivore Program - Zambia	101
African Bush Camps Foundation - Zimbabwe	105
Mother Africa Trust - Zimbabwe	109
Painted Dog Conservation - Zimbabwe	112
Victoria Falls Wildlife Trust - Zimbabwe	116
African Parks	120
Excellent Development	124

ASIA

Reality Gives - India	132
Rehwa Society - India	135
Salaam Baalak Trust - India	137
Self-Employed Women's Association - India	140
Sumba Foundation - Indonesia	143
Sumba Hospitality Foundation - Indonesia	147
Shree Kumrung Baraha School - Nepal	150
The Cultural Sanctuaries Foundation - Bhutan and Mongolia	152
Contributors	160



*'The King' by David Filer.
Graphite Pencil.
50 x 37 cm.*

FOREWORD

When I started The Explorations Company in 1989, I committed to helping the people and wildlife in countries where the company operates. Having been born in India and raised in Southern and Eastern Africa, the vast continents of Africa and Asia have been a lifelong personal passion. Over the decades, I have witnessed ever-increasing pressures within the countries I love: on people's lives, the land and the wildlife. More recently, determined to scale up our previous philanthropic efforts, I established a charitable foundation on the company's 30th anniversary.

PHILANTHROPY PLUS is a channel for you to help, through your travel experiences, our efforts in financing community improvement and biodiversity conservation. As a donor, you can visit projects we support and, crucially, see the direct impact of your contribution. It is my experience that the very act of making a donation and investing in a project in Africa, Asia or South America superbly enhances and rewards the overall travel experience whilst, at the same time, establishing a truly lasting personal connection.

The range of organizations included in this handbook deliver sustainable initiatives on-the-ground in nearly all the countries and areas visited by our clients. We do not select organizations according to own favoritism or proclivities, instead focusing primarily on little-known entities at the lower end of the income scale. All demonstrate high impact and value through established community outreach activities and/or conservation efforts. We have carried out our due diligence, formed committed relationships and, in most cases, had first-hand experience of these projects; this latter is of course an ongoing process. During the next two years will continue to select additional entities, especially in Asia and South America.

Based on your philanthropic interests, we will make recommendations for viable (often small 'sharp-end') projects for you to consider as a donor and, we hope, to visit as part of your travel. In this handbook, therefore, we highlight a range of global "partners" and the challenges they work to solve, citing recent

achievements from their annual reports. In essence, we offer some fantastic opportunities for your support.

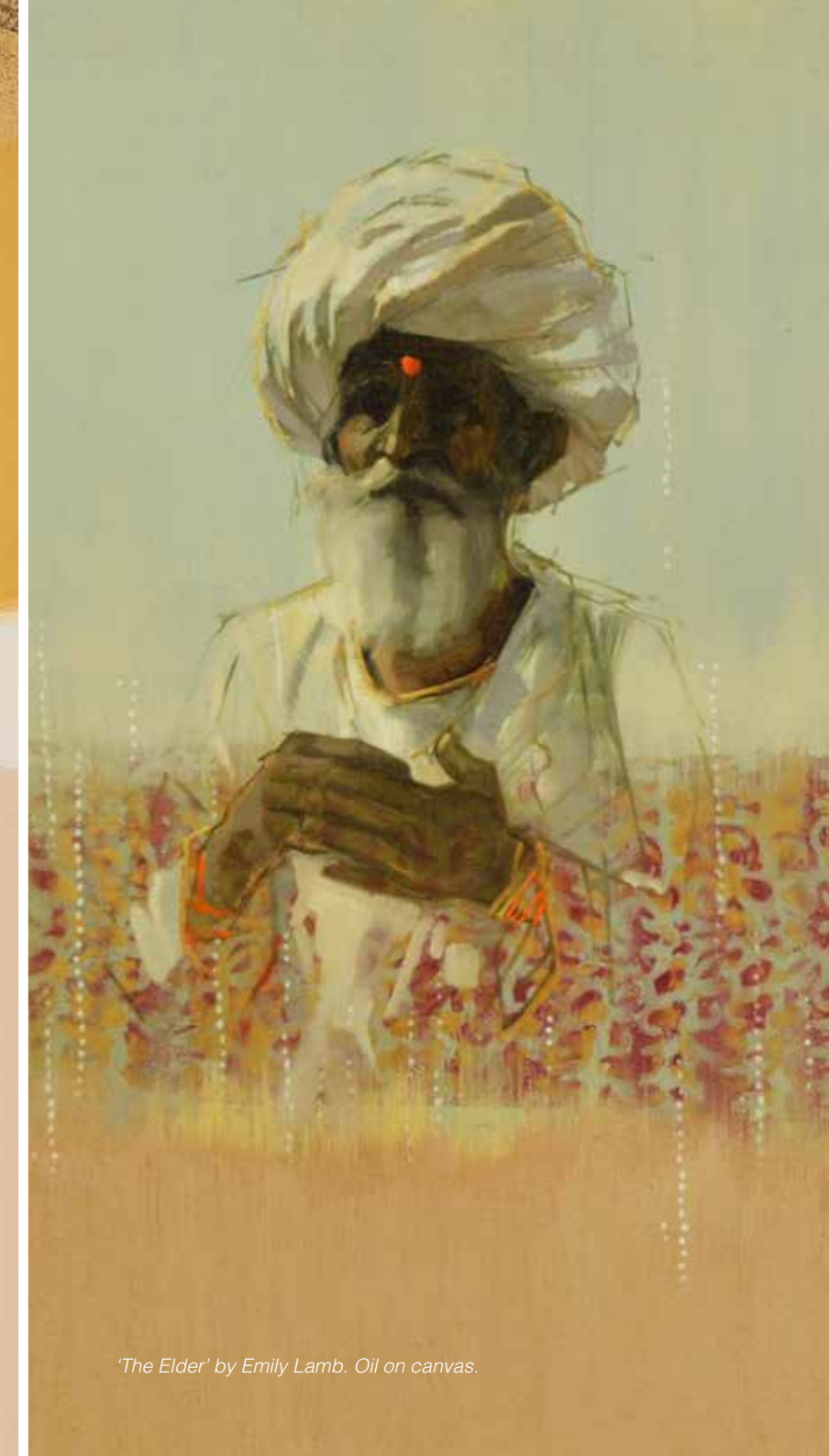
Furthermore, we have created unique activities for you and your family. These range from helping to build a chili plot or fuel-efficient stoves in Botswana through releasing sea turtles and planting mangrove seedlings in Kenya to helping with micro-commercial sewing and craftwork projects in Uganda and India. Alternatively you might also like to track and collar a lion, elephant or rhino; we have a wonderful range of possibilities where the aim is for you and the project to both benefit in different ways; a "win-win" situation! To learn more about the crucial work of our partners we can also arrange for you to meet founders, researchers, beneficiaries and members of local communities. Some clients have even decided to start their own charity or foundation to further the help started when on their travels. In such cases we can often assist and provide at least initial advice.

Philanthropic travel, through the combined auspices of The Explorations Company and PHILANTHROPY PLUS, offers an opportunity to leave an inspiring personal legacy in areas that are increasingly threatened or challenged. Collective action is very powerful; I truly hope you will join us on this highly rewarding journey.

Nicola Shepherd
Founder and Director



*'Mountain Leopard' by artist and conservationist, Keith Joubert. Oil on canvas.
76.2 x 101.6 cm. Sold at Rountree Tryon Galleries, UK*



'The Elder' by Emily Lamb. Oil on canvas.

MAKE A DIFFERENCE

One can make a difference in two core ways. Firstly, you will be supporting one of our nominated projects through our long-established practice of levying a small voluntary contribution within your overall itinerary cost. These collective funds are designated to projects at the end of each financial year and The Explorations Company also directly contributes from profit. Projects to benefit from these funds are determined based on our charities' urgent or immediate requirements, often in less-traveled geographical areas on the basis that charities in the more favored destinations will have benefitted more from direct client support.

Secondly, therefore, we encourage you to visit and, we hope, participate in the work of one or more of our charity projects as an integral part of your vacation. We can help choose - and brief on - the project according to your own interests so that more generous donations can be made through our foundation. Such donations, after due discussion and elaboration, will normally be made to the recipient before travel so that visiting and participating in project activities is far more meaningful. Naturally donations can also be made after the event.

The following pages in this handbook illustrate work already being done and the impact that can be achieved thanks to your contributions. We will share an annual review about our combined philanthropic accomplishments.

To make a contribution, or to discuss the organizations and projects in further detail, telephone **+44 (0)1367 850566** or email **philanthropy@explorationscompany.com**.

Donations can be made by credit card or wire transfer. PHILANTHROPY PLUS is a registered 501(c) (3) in the United States where your gift is tax-deductible as provided by law. PHILANTHROPY PLUS will become a registered foundation within the United Kingdom during 2020 so that Gift Aid can be applied to your donation.



FAR LEFT: A young elephant visits the remains of a family member who succumbed to a poacher's poison arrow in the Maasai Mara, Kenya. © Charlie Hamilton James



LEFT: A worker cuts down trees from an illegal palm oil plantation in Gunung Leuser National Park, Indonesia. © Steve Winter / National Geographic Creative

RIGHT: Taken from a series of photographs highlighting water scarcity in Kakamega, Kenya. A young boy drinking dirty water in an area affected by deforestation. Lack of clean water greatly increases the risk of diarrhoeal diseases, such as cholera, typhoid fever and dysentery as well as other water-borne tropical diseases.
© Dharshie Wissah



FAR RIGHT: Due to population growth, plastic management is becoming harder to control. In developing countries, such as here in the Kathmandu Valley in Nepal, open dumpsites are common due to low budget spend on waste disposal and the lack of skilled labor. In the Sisdol landfill, 20 kilometers from Kathmandu, men and women search garbage in search of materials or valuables to sell. These workers are exposed to chemical and biological substances as well as disease. In addition, as waste decomposes, buried organic matter releases methane which contributes to global warming.
© Valerie Leonard





FAR LEFT: Amina Suleiman Gas, 45, stands by the carcasses of her dead animals, piled for burning outside the compound where she has lived for 10 years in Barwako village, 20 kilometers into the desert from Anaibo Town, central Somaliland, April 2017. In November 2016, she sent most of her livestock west with her neighbor when the drought began to get worse and feared they had not survived. Barwako was a village of 100 families but an additional 245 arrived from the surrounding area because of the drought. As a member of the Village Savings and Loans Association (VSLA), Amina shared all her savings with the displaced families. "We shared everything with them," Amina said. At least 6.2 million people, more than half the population, were in need of assistance after four consecutive seasons of failed rains. This left the region depleted of its resources. They experienced a drought on a scale not seen since 1974 and which brought them to the verge of famine. © Georgina Goodwin

LEFT: Khusboo is from the Musuhar caste, one of the most marginalized communities in India. The threat of child marriage and trafficking is critically high amongst these communities. Female empowerment organizations, like Nari Gunjun, provide support, safe houses and education for young girls. Khushboo now lives at Sari Gunjun's boarding school in Biha and has won nationally in karate. © Emily Garthwaite

RIGHT: 'A whale shark swims beside a plastic bag. A recent scientific study revealed that filter feeding marine animals accidentally ingest considerable amounts of micro-plastics. At less than five micrometers in size, micro-plastics are similar in dimension to a whale shark's regular plankton meals. Unlike the plastic bag in this picture which was easy to spot, grab and put into my wetsuit, removing micro-plastics from our oceans is much more difficult. At present, the only real solution is preventing plastics from getting into the ocean in the first place.'
© Thomas Peschak / National Geographic Creative



FAR RIGHT: Sumeena, 13, leaves her home to meet her groom, Prakash, 15, in Kagati Village, Nepal. Sumeena's image was featured in international exhibits and helped inspire governments to end child marriage. With the support of Too Young to Wed, a US-based charitable organization, Sumeena and her husband are now advocates working to end the practice in their community.
© Stephanie Sinclair / Too Young to Wed



Tamara, nine and Talandila, 12, at their school in Chikwawa, south Malawi. For all intents and purposes they are sisters. Talandila is the daughter of Alefa and Dyson. Tamara is adopted by Alefa and Dyson, her father - their son - died in a car accident and her mother died of asthma-related complications, making Tamara an orphan. Of the 15.9 million Malawians, about 12 million live below the international poverty line of \$1.25 a day, according to the Rural Poverty Portal. Children account for over half of the country's population and yet their rights and needs are often seen as marginal to development efforts. There is a concept of 'child poverty' which is based on deprivations such as health, water, nutrition, shelter, information and education. In Malawi, one in three children do not even start primary school which is free. Girls' education is a power for development. It is also an area that offers some of the clearest examples of the discrimination women suffer. Among children not attending school there are twice as many girls as boys, and among illiterate adults there are twice as many women as men. The Convention on the Rights of the Child and the Convention on the Elimination of All Forms of Discrimination against Women establish girls' education as not a luxury but a basic human right. Tamara and Talandila are part of a new spirit of togetherness in Africa where girls are now getting to go to school, a basic education that generates future progress. By empowering girls with education they are enabled to make genuine choices over the kinds of lives they wish to lead thereby supporting the progress of our entire society. © Georgina Goodwin



In 2014, Ami Vitale witnessed a group of Samburu warriors encountering a rhino for the first time in their lives at Lewa Wildlife Conservancy in northern Kenya. Despite it being the most perfect habitat for black rhino, most of these young men had not even seen a photograph of a rhino because they had been poached to local extinction decades earlier. These young warriors have committed to being protectors of the last rhinos and all other precious wildlife they coexist with today. © Ami Vitale



John Nkuus Leriye, a Samburu warrior, watches the sun rise over the Matthews Range in Northern Kenya's Namunyak Wildlife Conservancy. The Samburu are part of a wave of new thinking about wildlife, the environment and the community that surrounds them. It goes beyond traditional conservation methods and dives deeper into the core value of what nature represents where they are proud stewards of the land and the wildlife it holds. Learn more about community-based conservation by following the work of Sarara Camp and Kenya's Reteti Elephant Sanctuary. © Ami Vitale

AFRICA

With its diverse landscapes, impressive wildlife and a wealth of cultural heritage, the world's second-largest continent has something to absorb any traveler.

However, Africa is facing considerable challenges. Most significantly, these relate to the adverse impact of climate change and human population growth, which is projected by the United Nations to nearly double by 2050. According to the United Nations on Sustainable Development, Africa will be most affected by climate change due to its low adaptive capacity. Persistent loss of biodiversity and ecosystems are also a major issue, primarily caused by climate change but also expanding agriculture, the clearing of forests for charcoal and firewood as well as desertification. Furthermore, climate change threatens the availability of water and food, particularly in areas of drought in grain-producing countries. In addition, Africa faces challenges on gender inequality and human rights, health security and sanitation, political instability, education poverty and lack of employment opportunities.

Our partners, listed on the following pages, address many of these threats through the development and implementation of long-term initiatives. These include the installation of a village health clinic on the island of Madagascar and signing the first fisheries by-laws in Nkhotakota District in Malawi, to the largest ever airlift of 17 black rhinos from South Africa to Malawi and the introduction of a multi-purpose Goats for Education project in Zimbabwe.

We encourage you to work with us to support our partners' activities so that, together, we can help achieve a prosperous Africa. Our work aims to help threatened wildlife and ecosystems thrive in harmony with local communities and to enhance the potential of its women and youth through education and the creation of more jobs. Furthermore, safe drinking water and food can be made readily available and Africa, overall, can be helped to find a more balanced long-term role in a new global economy.

ELEPHANTS FOR AFRICA

BOTSWANA

WORKING TOWARDS HUMAN-ELEPHANT COEXISTENCE IN THE MAKGADIKGADI ECOSYSTEM

Elephants remain under severe threat. There are just 415,000 elephants across Africa. This is down from as many as five million in the early twentieth century. An estimated 38,000 elephants are killed every year to supply the illegal ivory trade, which equates to one killed every 15 minutes. Elephants also face threats from variable weather patterns due to climate change, as well as land use adjustments such as agricultural and housing expansion, and deforestation to meet the demands of a growing human population.

Established in 2007 by award-winning behavioral ecologist and conservation biologist, Dr. Kate Evans, Elephants for Africa is a small charity that is working towards human-elephant co-existence in rural farming communities. This is accomplished through research, collaboration with local and international researchers to deliver scientific data to local decision-makers, as well as a series of community outreach and environmental education programs. These programs focus on empowering local communities and developing the conservation leaders of the future, such as through monthly EleFun activities in local primary and junior-secondary schools.

Elephants for Africa focus their research on male elephants, which present more challenges to conservation than breeding herds. Bull elephants cover greater distances, often stepping over fences. Bull elephants are higher risk takers as they do not have the responsibility of young. Therefore, they are more often the first to re-colonize historical rangeland and explore human landscapes.

Elephants for Africa work in the Makgadikgadi Pans National Park and the surrounding communities in Botswana, which is home to a predominantly bull population (98 percent of sightings to date). Botswana is home to approximately 130,000 to 150,000 elephants, the largest population in the world.

© James Kydd

DONATE

\$10,000

could buy a second-hand vehicle for the Community Outreach Officer; provide one satellite collar and collaring, as well as data downloads for three years; or provide 80 farmers with a year supply of chillies.

\$5,000

could enable a five-day training workshop for five environmental education club leaders to understand how to teach in outdoor environments, or buy a one-year subscription to SnapShotSafari, a citizen science platform that enables the verification of camera trap images.

\$2,000

could enable one month of field research, including park fees, fuel and vehicle maintenance; provide two months of environmental education classes for three primary schools, or provide six weeks of community outreach workshops for up to 500 people.

\$1,600

could provide an energy-efficient solar panel and batteries for the research camp office and kitchen.

\$1,200

could provide a satellite phone and air time for one year, essential for the safety of researchers working in remote locations.

\$800

could buy a tent to accommodate up to three students.

\$400

could provide a farmer with a chili plot for use as a cash crop and to create chili dung bricks; or provide a workshop for 20 people on how to build a fuel-efficient stove, or buy one battery-operated camera trap.

© Elephants for Africa



© Jason Edwards

ENGAGE

Meet staff, students and visiting students at the research camp on the banks of the Bottle River. Please contact us for further details.

ACHIEVEMENTS

- ★ 42 farmers were enrolled in the Community Coexistence Project in Khumaga.
- ★ Continued workshops on chili production, harvesting and use, as well as new workshops on improving crop yields through conservation agriculture. These workshops hosted 142 participants.
- ★ 10 farmer-owned chili plots were built on farmers' lands, allowing them to produce their own, local supply, of chili. This takes the total to 16 farmer-owned chili plots.
- ★ Following the success of a careers workshop for the youth of Khumaga, co-run with the University of Oxford's Wildlife Conservation Research Unit (WildCRU), four young people traveled to Maun for five-day workshops held by the Local Enterprising Authority; two attended a workshop on record keeping and two attended a business plan development workshop.
- ★ Continued working with the teachers of Khumaga Primary School and Mogolokwane Primary School to deliver 46 environmental education club activities to 105 children.
- ★ 41 students from Khumaga and Mogolokwane primary schools made an overnight visit to Makgadikgadi Pans National Park and Nxai Pans National Park, accompanied by nine parents and teachers.
- ★ Hosted Soccer in the Community, a multinational group of soccer coaches who travel to rural communities to teach soccer, while imparting conservation knowledge. Four coaches engaged with approximately 150 children and young people.

These were the achievements from the 2018/19 year.

TRAVEL FOR IMPACT BOTSWANA

PROVIDING CARE FOR THE DISADVANTAGED ELDERLY AND ORPHANED CHILDREN IN MAUN

POLOKONG (meaning place of rest), works with volunteer caretakers, offering friendship to elders in the community. Support workers visit the elderly with meals as well as to help with bathing and cleaning. POLOKONG has made strides in supporting the destitute elderly in Maun when they have no means or family members to support their long-term care. Not only do support workers help with household and personal care, but they also take the elderly to and from clinics and encourage stronger relationships with their relatives. POLOKONG also works within the larger community, organizing Christmas meals to encourage interaction. With a mandate of compassionate care, POLOKONG significantly influences the lives of the destitute elderly, ensuring that they are fed, clothed and loved. In August 2019, the construction of a day center in Maun was completed. This center offers a comfortable place for the elderly to interact with each other through storytelling, exercise and other activities, as well as to receive counselling care.

Established in 2011, Shelter Botswana is a home-based care non-profit organization involved in HIV/TB awareness campaigns and the running of a pre-school established for Orphans and Vulnerable Children (OVC). Shelter Botswana's pre-school provides care for children aged two to six years, of which 20 percent are HIV positive. The center provides three meals a day and supports three teachers. The pre-school integrates OVC into learning environments with high achieving non-OVC students and since 2015, has increased its enrolment by 60 percent. In 2016, Shelter Botswana initiated a garden to support people living with HIV/AIDS to acquire good nutrition.

Travel for Impact, a social enterprise that links the travel industry with local projects in Northern Botswana, is involved with these community-based initiatives.



© Tania Muche / AGLOW POLOKONG



DONATE

- \$10,000**
could buy a container house for day center volunteers to live in.

\$5,000
could build a small house for the day center gardener/watchman.

\$2,000
could cover five staff salaries for the pre-school, for two months.
- \$1,600**
could enable the pre-school to connect independently to water and electricity, and cover subsequent bills for six months.

\$1,200
could buy a climbing frame, slide and shade netting for the playground area as well as additional educational toys.
- \$800**
could provide food for 48 children at Shelter Botswana pre-school, for two months.

\$400
could enable POLOKONG to provide one older person with meals, nutritious drinks for seven older persons and the allowance for an assistance volunteer, as well as a supply of water, for one month.

ENGAGE

Enjoy morning or afternoon tea with the elderly residents; assist with activities in the day center and kitchen; join elderly residents for sewing, craftwork and woodwork; take part in maintenance activities at the day center, or engage in cooking, singing and games with children at Shelter Botswana pre-school. There is no minimum age. Please note that photography at Shelter Botswana pre-school is not permitted.

© Travel for Impact

ACHIEVEMENTS

- ★ Provided ten hot meals per week to the elderly who are confined to their home.
- ★ Provided a daily nutritious drink to 40 elderly.
- ★ Finished construction of a day center for the elderly.
- ★ Provided two elderly with a bed and mattress.
- ★ Led a community awareness campaign for 17 suburbs in Maun for TB and HIV/AIDS.
- ★ Renovated Shelter Botswana pre-school.
- ★ Shelter Botswana provided pre-school education and care for 48 children.

These were achievements from the 2018/19 year.

AGOHELMA ORPHANAGE

ETHIOPIA

SUPPORTING ORPHANED CHILDREN AND VULNERABLE COMMUNITIES

Ethiopia has one of the largest populations of orphans in the world, with more than 13 percent of children missing one or both parents. This represents an estimated 4.6 million children, 800,000 of whom are orphaned by HIV/AIDS. Over the past 40 years, AGOHELMA (Abebech Gobena Yehetsanat Kebekabena Limat Mahber) Orphanage has provided a range of inspiring child welfare, women empowerment, education and health programs in the city of Addis Ababa and Oromia, the largest regional state in Ethiopia. It is Ethiopia's largest orphanage and founded by Abebech Gobena, often considered Africa's 'Mother Theresa'.

DONATE

\$10,000

could sponsor 16 children for a year.

\$5,000

could provide 10 desks with seats, doors to six toilets, textbooks, five blackboards, chalks and other stationery material for Burayu School.

\$1,200

could provide an annual salary for one teacher.

\$800

could provide school materials for 87 children.

\$400

could feed two schoolchildren for a year.

© Sean Gallup / Getty Images News



© Sean Gallup / Getty Images News

ENGAGE

Take a one-hour tour of the Orphanage exhibition center, the center for women empowerment and feeding center for malnourished children as well as the schools. Help paint classrooms; assist with computer lessons and conduct pre-planned tutorials.



Founder Abebech Gobena
© Menschen für Menschen Switzerland

ACHIEVEMENTS

- ★ Implemented eight projects, benefiting nearly 8,000 children and over 1,000 women.
- ★ 34 children were provided with full institutional care, including shelter, food, clothing, hygiene products, healthcare and school stationary materials. Children stay within the care of AGOHELMA until they complete secondary school and secure employment. However, AGOHELMA first tries to place a child with their extended family or foster into local families.
- ★ 32 mothers took part in a nutrition and growth monitoring program and 135 malnourished children under the age of three benefited from the program.
- ★ Built a shower block for members of the community.
- ★ Nearly 300 women from difficult circumstances began a skill-training program, including training on starting microfinance businesses, finance management and English lessons.

These were achievements from the 2018/19 year.

BIG LIFE FOUNDATION KENYA

PARTNERING WITH LOCAL COMMUNITIES TO PROTECT AND SUSTAIN EAST AFRICA'S WILDLIFE AND WILD LANDS

Established in 2010 by photographer Nick Brandt, award-winning conservationist Richard Bonham and entrepreneur Tom Hill, Big Life Foundation operates over 1.6 million acres across the Amboseli-Tsavo-Kilimanjaro (Greater Amboseli) ecosystem in East Africa. Maasai rangers from local communities help to protect and secure wildlife and critical habitat stretching from the rangelands north of Amboseli to the Chyulu Hills and Tsavo West National Parks in the east and south to Kilimanjaro National Park. The area is a central connection point for migrating wildlife and contains some of the most important habitat left in Africa. Big Life was the first organization in the region to conduct collaborative cross-border patrols between Kenya and Tanzania.

Within the densely forested Chyulu Hills National Park, there are eight known Eastern black rhinos protected by Big Life rangers and the Kenya Wildlife Service. As well as monitoring and protecting these rhinos, Big Life works to improve and maintain infrastructure in the area to allow for inbound translocation of rhinos from other territories.

Poaching continues to pose a significant threat, but many elephants face an even bigger challenge: conflict with humans. As the human population increases so do competing land uses, for example farming and cattle grazing. As humans compete for limited resources such as water, land and grass for livestock, we further encroach onto what were once wildlands. With less space to share, people and animals now come into direct contact at an alarming rate and often with deadly results.

Big Life protects vulnerable predators in the ecosystem in collaboration with partners and local communities. The core component of Big Life's predator protection program is livestock compensation, which reduces the motivation for retaliatory killing in response to livestock depredation. The Predator Compensation Fund (PCF) pays Maasai livestock owners a portion of the value of their livestock lost to predators, on the condition that no predators are killed in retaliation. Big Life continues to manage PCF on Mbirikano Group Range and has expanded the program to Eselengei Group and the Kimana Conservancy. Given the success of this program, the goal is to expand PCF across the entire ecosystem.

© Jeremy Goss



© Jeremy Goss

DONATE

\$300,000

could run the anti-poaching vehicle fleet for a year, including all fuel and maintenance for 14 vehicles.

\$120,000

could pay the land leases in Kimana Corridor, a vital area that allows safe and free movement of wildlife between Amboseli National Park and the Chyulu and Tsavo protected areas.

\$65,000

could fund a fully outfitted anti-poaching patrol vehicle, modified to carry rangers and their equipment.

\$7,500

could fund the tracker dog unit for a year. This includes salaries for the handlers, food rations, dog food supplies and veterinary costs.

\$6,000

could fund the annual rations for a ranger unit (six to eight rangers).

\$4,000

could fund an education scholarship for a university or college student for a year.

\$2,400

could fund an annual ranger's salary.

\$850

could fund a year's education scholarship for a secondary school child.

\$700

could put one ranger through a basic training course.

\$600

could provide food rations for 16 rangers in the field for one month.

\$600

could fund a fully integrated healthcare outreach program for approximately 250 people in a remote area. This would offer primary healthcare consultations, immunizations, family planning, antenatal care, free pharmacy, HIV testing and counselling as well as public health education.

\$550

could purchase a ranger a GPS system for providing accurate locations.

\$450

could fund a field trip for 40 local primary school students to Amboseli National Park to see wildlife which, for many, will be for the very first time.

\$400

could outfit a ranger with uniform, boots, sleeping bag and mattress.

\$260

could compensate a livestock owner for the loss of one cow to a lion.

\$200

could fund an average ranger salary for a month.

\$70

could fund a backpack nurse outreach, which is a nurse on a motorbike travelling to a remote area to provide immunization, family planning and antenatal care.

The second part of Big Life's predator protection program is the Maasai Olympics, which was established in 2012 as an alternative for the traditional killing of lions. At the Maasai Olympics, young warriors compete for recognition, prove bravery and attract girlfriends through a sports competition based on traditional warrior skills.

To reduce conflict, wildlife habitat must be strategically protected. Big Life works with Maasai communities to support the development of wildlife conservancies, including payment of lease fees to landowners, and generating conservation-friendly income streams (such as eco-tourism).

Rangers also actively protect the land by fighting against habitat destruction such as illegal logging. Big Life have also partnered with local communities, partner NGOs and local government to implement a carbon credit program in the Chyulu Hills to protect it from deforestation and overgrazing.

Water is one of the most precious resources in the African bush. Big Life rangers actively work to reduce illegal water extraction and ensure that river systems are free-flowing.

Winning the hearts and minds of the community and providing a mutual benefit through conservation is the only way to protect wildlife and wildlands far into the future. To that end, Big Life provides several services in support of the community, including education and healthcare initiatives and also lesser-known activities, such as using ranger vehicles as ambulances, arresting criminals for community crimes, conducting human and/or livestock search as well as rescue operations.

Big Life invests in the future of participating communities by funding teachers' salaries, providing scholarship funds for local students and implementing a conservation-specific curriculum in classrooms and communities.

Big Life works in partnership with the Kajiado South Sub-county Department of Health to implement mobile health clinics focused on primary healthcare and family planning. Additional services provided include immunization, antenatal check-ups and HIV testing and counselling.



Photo not taken at BLF Maasai Olympics © Unlimited Images, Incl. / Alamy Stock Photo

ENGAGE

Meet program managers at the headquarters for a full tour of the facility. See the radio room, the hub of all anti-poaching operations, as well as meet rangers and the Tracker Dog Unit. Visit the Lenkiloriti Rhino Outpost to meet the rangers and join them on a one-hour patrol looking for signs of rhino or any unusual human activity. Join the Tracker Dog Unit on training exercise, either watching the dogs work with their handlers or acting as the "poacher", leaving a trail for the dogs to follow.



© Jackson Lemunge

ACHIEVEMENTS

- ★ Deployed 249 rangers.
- ★ Trained 239 rangers.
- ★ Arrested 126 poaching suspects.
- ★ Recovered 717.45 kilograms of ivory, 153 snares and four kilograms of pangolin scales.
- ★ Deployed 51 rhino protection officers.
- ★ There were 264 crop-raiding incidents, of which 258 involved elephants.
- ★ Big Life prevented 218 crop raids.
- ★ Deployed 24 crop-raiding rangers.
- ★ Prevented 12 lion retaliatory hunts.
- ★ Arrested 175 suspects for habitat destruction.
- ★ 260 students are on long-term education scholarships.
- ★ Reached 3172 students through a conservation curriculum.
- ★ Conducted 11 mobile health clinics and from these, 2,708 patients were seen to; 302 people were vaccinated; 3,561 people were de-wormed and family planning was provided to 1,284 people via outreach and referral.

These were achievements from the 2018/19 year.

KINONDO KWETU TRUST FUND KENYA

IMPROVING HEALTHCARE AND EDUCATION IN SOUTHERN KENYA

The average income and level of education in Kinondo villages are among the lowest in Kenya. Before 2008, there was no affordable healthcare available. The mortality was high among delivering mothers and their infants. Persons with HIV, malaria, TB and diabetes, as well as children suffering from parasites such as jiggers, did not receive proper treatment.

In 2008, the Andersson family, who opened Kinondo Kwetu Hotel in 2005, gathered donations to make it possible to open Kinondo Kwetu Clinic to offer affordable quality healthcare to the people in Kinondo. Donations have also sponsored high school studies for children from Kinondo and support the state-run Kinondo Primary School.



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DONATE

\$10,000

could replace the leaking roof in Kinondo Primary School (\$7,000) and update its electricity installations.

\$5,000

could educate a nurse to become a critical care nurse and will pay the annual salary for one teacher.

\$2,000

could pay for new benches for Kinondo Primary School.

\$1,600

could provide health insurance for 24 families for one year and provide school uniforms for 100 children.

\$1,200

could sponsor one year of education fees, food and materials for two students.

\$800

could provide health insurance for 12 families for one year and also pay for 30 pairs of soccer boots as well as two soccer balls.

\$400

could provide health insurance for six families for one year, with up to eight people per family.



ENGAGE

Measure and weigh babies on vaccination day; serve drinks to patients at an open health day at Kinondo Kwetu Hospital; visit Kinondo Primary School to talk about a subject pre-agreed with the Headmaster; play soccer with village children, or meet with some of the traditional birth attendant women, who are important ambassadors of the medical center to the villages.



ACHIEVEMENTS

- ★ In 2019, 127,000 people visited the medical center, a considerable increase from the 10,800 that visited in 2009.
- ★ Since December 2019, the center is now able to assist with complicated deliveries in new wards and a surgical room.
- ★ Kinondo Kwetu takes part in a research project by Karolinska Institute. The aim is to develop a digital method for diagnosing cervical cancer. At least 750 women have been screened and as a result, about 50 women are receiving treatment.
- ★ In 2018, two specialized services were introduced at Kinondo Kwetu. These services were a gynaecology outpatient clinic and a medical outpatient clinic for patients with diabetes and hypertension. In 2019, these clinics received 367 and 1,016 patient visits respectively.
- ★ In 2019, sponsored the education of 19 students.

LOCAL OCEAN CONSERVATION KENYA

ENSURING SEA TURTLE SURVIVAL AND HEALTHY OCEANS

Sea turtles have been in existence for at least 120 million years but, today, sea turtles worldwide are threatened with extinction. Only one in 1,000 hatchlings are estimated to survive to adulthood. Threats include illegal poaching for their meat, oil and shells; the ingestion of marine debris, including plastics mistaken for jellyfish, as well as entanglement in nets. Furthermore, artificial lighting on nesting beaches causes confusion as turtles navigate towards the sea by the reflection of the moon thereby leading them inland to die from exhaustion or predation. They are also threatened by the development of structures such as sea walls that reduce nesting habitat. In addition, illegal logging has resulted in mangrove habitat loss, a key ecosystem along the coastline.

For over 20 years, Local Ocean Conservation (LOC), which is based in Watamu, has been committed to marine conservation and community development. LOC develops and implements sustainable marine resource management models, utilizing sea turtles as a flagship species for local ocean health. LOC focuses on sea turtles because they are considered an indicator of healthy oceans. By protecting the environments that sea turtles need to survive, you protect the environments for humanity and other species too. LOC conducts practical conservation efforts as well as encouraging the sustainable use of natural resources through local community-run interventions.



Image courtesy of Shutterstock



© Local Ocean Conservation

DONATE

\$10,000
could enable a micro-enterprise development program for 30 participants.

\$5,000
could provide a four-year scholarship for one marine scout.

\$2,000
could pay for an external educator to develop the skills of the management team for a month.

\$1,600
could provide an internationally certified computer literacy course as a reward for eight community conservation heroes.

\$1,200
could enable 12 anti-poaching patrols, conducted by two LOC patrol team members.

\$800
could cover the cost of one mangrove planting event with 30 community members planting 1,200 seedlings.

\$400
could provide two nest monitors protecting turtle nests for one month.

ENGAGE

Assist with the release of a turtle; help plant mangrove seedlings; support anti-poaching patrols; visit patients recovering in the sea turtle rehabilitation center; join LOC's long-standing turtle conservation team for a sundowner on Prawn Lake and learn first-hand about turtle conservation; go on a knowledge-sharing walk in the bio-diverse Arabuko Sokoke Forest Reserve; take a guided tour of the mangroves; help with a beach clean-up, or visit community groups, such as a local women's group overseeing a successful tree nursery.



© Local Ocean Conservation

ACHIEVEMENTS

- ★ 327 nests were monitored and protected.
- ★ 1,525 turtles were rescued through a Bycatch Release Program.
- ★ 77 turtles were admitted into the Turtle Rehabilitation Center.
- ★ 9,198 Mangrove seedlings were planted.
- ★ Eight marine scouts participated in an extra-curriculum environmental program for gifted local children, becoming ambassadors of the environment in their community.
- ★ 192 children visited LOC's Marine Center.
- ★ 67 anti-poaching patrols were carried out.
- ★ Using technology developed in-house, mapped a total beach length of 78.8 kilometers along the North and South Coast of Kenya. This led to the discovery that only 13 percent of the beach is suitable for nesting, 17 percent is unsuitable due to human activities and 55 percent is naturally unsuitable.
- ★ Developed a unified database for turtle conservation with data collection via mobile apps. This has enabled real-time conservation monitoring and the ability to analyze turtle data across all programs.
- ★ Renovations began on the Turtle Rehabilitation Center.

These were 2019 achievements.

MARA ELEPHANT PROJECT KENYA

PROTECTING ELEPHANTS TO CONSERVE THE GREATER MARA ECOSYSTEM

The Mara elephant population held relatively steady until 2010 when 3,162 were counted by the World Wildlife Fund (WWF). Their count four years later revealed a striking decline to 1,488, the lowest number in 30 years. If current poaching levels continue then elephants will cease to exist in the Mara within the next 10 years.

Elephants also face threats from variable weather patterns due to climate change, as well as land use adjustments such as agricultural and housing expansion and deforestation to meet the demands of a growing human population. In 2015, it was reported that the population of the Mara was growing at a rate of nearly 11 percent per annum, which is more than three times the national average of nearly three percent. Land is often fragmented with fencing, blocking key wildlife migration routes. There is growing competition for natural resources and human encroachment upon historic elephant rangelands. These threats result in human-elephant conflict.

The Mara Elephant Project (MEP) was established in 2011 and operates across the Mara-Serengeti ecosystem and, in particular, an unprotected area covering 11,500 square kilometers (4,500 square miles) outside these areas. In 2018, MEP discovered a concerning trend in bushmeat poaching. Elephants are frequently caught in wire snares, used to catch zebra and wildebeest and are subsequently sold on the black market for bushmeat. Methods for protecting the elephant include anti-poaching patrols and rapid response units, elephant collaring to monitor movements, ecological and behavioral research and human-elephant conflict mitigation. MEP also invests in the education of local communities who live alongside wildlife in the Mara-Serengeti ecosystem.



DONATE

\$52,000

enables the operational costs of a permanent ranger unit for Loita Hills for one year, an area with no protected status that is important habitat for wild dog and leopard as well as the elephant.

\$28,000

supports a full-time community liaison officer for a year in an area experiencing high levels of human-elephant conflict, providing their transportation, laptop, as well as their meeting and survey expenses.

\$27,000

enables the protection of one elephant for three years through collaring, monitoring and data collection.

\$21,000

trains 38 rangers over a year.

\$15,000

pays the school fees for up to two children from a ranger's family.

\$6,000

could provide the running cost for an MEP intelligence unit for one month.

\$5,000

provides an electric fence around Rekero Primary School, which is located in a high human-elephant conflict area.

\$2,000

fuels and maintains a ranger patrol vehicle for one month.

\$1,500

equips a ranger with all field essentials for two years, such as backpacks, tents and flashlights.

\$800

provides food rations for 16 rangers in the field for one month.

\$600

provides 475 firecrackers for mitigating human-elephant conflict for one month.

\$400

pays for four rangers' pairs of boots.

All images © Adam Bannister / Angama Mara



ENGAGE

Take a two-hour behind-the-scenes tour of the MEP headquarters near Lemek Conservancy. Learn about MEP's work to protect elephants to conserve the greater Mara ecosystem. A visit to the headquarters also provides an opportunity to meet MEP rangers, see an elephant collar and how the tracking system for it works, as well as snares collected from the field. You will also see the helicopter and be able to track a collared elephant. The minimum age is eight years. A private lunch with a senior member of staff can be arranged for \$1,000 per person.

ACHIEVEMENTS

- ★ MEP's presence has results in less elephant deaths due to ivory poaching from 96 in 2012 to three in 2019.
- ★ Deployed over 50 rangers in the Mara alongside the Kenya Wildlife Service.
- ★ Rangers covered over 132,859 kilometers (82,000 miles) in patrol vehicles.
- ★ Arrested 19 ivory or bushmeat poachers and seized 167 kilograms of elephant ivory alongside government partners.
- ★ Removed 231 bushmeat snares and seized 82 kilograms of bushmeat.
- ★ Rangers, along with government partners, confiscated 21,738 illegally logged posts, arrested 46 people for illegal logging and charcoal production, destroyed 274 kilns and 221 bags of charcoal.
- ★ MEP ranger units mitigated 149 human-elephant conflict incidents.
- ★ In 2019, partnered with the Sheldrick Wildlife Trust to deploy two Mau Forest De-Sharing Units in the endangered Mau Forest.

These were achievements from the 2018/19 year.

OL LENTILLE TRUST KENYA

BUILDING SUSTAINABLE COMMUNITIES AND ECOSYSTEMS IN NORTHERN KENYA

Many challenges are facing the Maasai and Samburu communities as well as the wildlife of semi-arid lands. Water is scarce and humans and wildlife frequently come into conflict when grazing livestock degrade habitat. Elephants also face daily threats from the illegal ivory trade. Furthermore, services such as veterinary care, human healthcare and education, particularly for girls, are difficult to reach for pastoralist communities.

Since 2004, the OI Lentille Trust (OLT) has been responding to these challenges. John and Gill Elias, the owners of The Sanctuary at OI Lentille, established the Trust. Having started with 5,000 acres, there are now 30,000 acres (12,000 hectares) under OLT's conservation management, as more and more communities contributed their land for conservation. By 2023, in further agreements with other communities, the Trust hopes to enlarge by a further 20,000 acres (8,000 hectares).





DONATE

\$15,000

could construct a sand dam, one of three planned by 2022.

\$10,000

could construct a nursery, one of four to construct by 2022.

\$2,000

could buy uniforms and boots for 20 conservation rangers or pay for a community education program on holistic grazing.

\$1,600

could fund the annual salary of a junior teacher.

\$1,200

could fund the mobile clinic for four months, one of eight new clinics planned by 2021, providing services such as preventative care, immunizations and health education.

\$800

could furnish two primary classrooms with desks.

\$400

could construct one latrine for the healthcare program.

Both images © Maureen O'Hare

ENGAGE

Assist with the monitoring of wildlife; help with road maintenance and drainage to prevent soil erosion; conduct conservation workshops; paint classrooms; construct buildings, or assist teachers in class.



© Ol Lentille Trust

ACHIEVEMENTS

- ★ Added a village borehole and pumped water to Ngabolo Primary School.
- ★ 15,000 individuals from five communities benefited from OLT's conservation and holistic grazing program.
- ★ 26 rangers monitor wildlife and manage the conservancy.
- ★ 280 babies were delivered in a 24-bed Sub-County Hospital, built by OLT.
- ★ Over 100 bursaries were awarded to secondary and tertiary students.
- ★ Sponsored 40 students and 12 'at risk' primary girls.
- ★ Established the Nabakisho Healthcare program that runs a mobile clinic with 34 Community Health Workers, as well as a school and community healthcare program, including anti-FGM workshops in schools.
- ★ Built teacher houses and latrines in three schools, two additional classrooms and a dining room.
- ★ Supports teachers' salaries in nine schools.

These were achievements from the 2018/19 year.

TIME + TIDE FOUNDATION MADAGASCAR

ADVANCING FEMALE EMPOWERMENT AND CONSERVING NEAR-EXTINCT LEMURS

Empowering and inspiring women is an increasingly dominant issue across Africa. In Madagascar, many girls and young women still face considerable challenges, such as limited access to education and training, poor access to reproductive health information and few job opportunities. Child marriage remains prevalent and adolescent pregnancy rates are high.

Lemur species are also facing many challenges. In August 2018, the IUCN reported that 95 percent are on the brink of extinction and are now the most at-risk primate species on Earth. Lemurs are under threat from an increasing human population and subsequent destruction of forests for cultivation, forest burning and logging, as well as the illegal pet and bushmeat trade.

Time + Tide Foundation responds to these challenges through a variety of programs. Since January 2019, the Foundation has started to increase female enrolment and advancement in Madagascar's schools. According to the Campaign for Female Education (CamFed), women would be three times less likely to contract HIV, earn 25 percent more income as well as have a smaller and healthier family if they have access to education. A reduced human population, facilitated by female education, will also help the lemur population. Key to their survival is engaging with communities and persuading them that forests and lemurs have a value that is worth safeguarding. Habitats need to be protected and poverty tackled so that local people avoid hunting the animals. So that people do not destruct further forest, new ventures are being supported, such as beekeeping and new techniques for rice-growing so that people do not destruct further forest.

To enhance the academic performance of female students in Madagascar, Time + Tide Foundation has recently begun a program for the last three grades in four primary schools: La Pépinière on Nosy Ankao, where Time + Tide own the luxurious property Miavana, as well as three schools on the mainland: Ambanifono School, Antsampilay School and Ampasimadera School. On a weekly basis, the Foundation runs sessions with 62 girls on self-esteem, life skills, menstruation hygiene and sex education. These are in addition to French, English and Mathematics teaching sessions. The Foundation works with three teachers in the mainland schools and two volunteers on Nosy Ankao.



Black lemur © Time + Tide Miavana



Crowned lemur © Time + Tide Miavana

DONATE

\$10,000

could support one girl's seven-year education, from primary school through to high school; pay for 10 girls' education for one school year, or re-construct Ambanifono Primary School, which is currently built using mokoty palm leaves.

\$5,000

could buy sanitary materials and equipment for a clinic.

\$2,000

could cover the expenses of the lemur capturing and re-collaring team to enable a translocation or help repair three Amparihirano community wells.

\$1,600

could provide eight radio collars for four lemurs. Each radio collar needs to be replaced after six months.

\$1,200

could pay for a five-day training course for 12 teachers from four partner schools.

\$800

could provide uniforms for 267 students.

\$400

could provide 10 re-usable sanitary pads for 62 girls in four primary schools.



© Time + Tide Foundation

ENGAGE

Be a speaker during Girls Club to inspire students to dream big and think long-term; learn a Malagasy traditional dance; teach paper arts; help decorate classrooms; or be involved with the collection of lemur data alongside the environmental team on Nosy Ankao and in the Bekaraoka Forest.

ACHIEVEMENTS

- ★ The village of Amparihirano was visited three times to continue their reforestation program, planting nursery seedlings around Bekaraoka Forest and potting 460 seedlings in the nursery, for a total of 500 cashew trees, which they re-planted.
- ★ A village clinic was installed in June 2019.
- ★ Recruited four school teachers, one full-time in Ambanifono and three part-time for Foundation programs.
- ★ Installed and rehabilitated five wells, resulting in over 600 people being able to readily access potable water.
- ★ 750 eucalyptus were planted in the nursery.
- ★ A seven-day training program was provided to 25 teachers and caregivers in Voahery.
- ★ Doctors made 40 visits to 21 villages, saw 1,780 patients and availed themselves to a population of 2,500 residents who would have otherwise needed to travel 45 kilometers to reach the nearest clinic.
- ★ 52 percent of girls at focal primary schools advanced at least one level in literacy.
- ★ Introduced the first sponsorship program to the region with five students now attending secondary school in the city of Diego.
- ★ Introduced 10 eco-stoves to the community.
- ★ Employed two medical doctors on a part-time basis and one full-time nurse to provide consistent medical support to remote residents in the Loky-Manambato Protected Area.
- ★ Undertook a second crowned lemur translocation on Nosy Ankao. This took place in collaboration with Madagascar Biodiversity Partnership; the Ministry of Environment, Fanamby and the University of Antsirana.

These were 2019 achievements.

GREEN SAFARIS CONSERVATION FOUNDATION MALAWI

IMPROVING THE WELLBEING OF COMMUNITIES AND THE ENVIRONMENT ON LIKOMA ISLAND

Likoma Island, which is set within Lake Malawi is facing many environmental challenges. These include the devastating effects of plastic pollution on the lakeside environment and wildlife as well as deforestation for building materials and firewood. All this is caused by the needs and effects of a rapidly growing population. There is little awareness or education about these issues. The quality of healthcare on the Island is also lacking where, due to the remote location, the accessibility to medical services and staff is limited. There is one hospital on the Island, providing care to 15,000 Island inhabitants along with thousands of Mozambican and Tanzanians who cross the lake and present in a critical condition. Education standards are also affected by the remote nature of Likoma Island where it is difficult to secure qualified teachers and infrastructure.

Recognizing the challenges on Likoma Island, Green Safaris, which operates Kaya Mawa, established Green Safaris Conservation Fund (GSCF) in 2018. A program has been established to improve waste collection infrastructure as well as recycling initiatives. In addition, GSCF secures land to plant indigenous trees, supports programs to improve healthcare, sponsors students through education and supports five nursery schools with learning materials.



All images © Luke Massey

All images © Green Safaris Conservation Foundation



DONATE

\$10,000
could contribute to key infrastructural needs such as a maternity ward at St Peters Hospital or purchase land to be developed as a forest reserve.

\$5,000
could expand the number of tree nurseries located in the north of Likoma with the aim to reforest the Island.

\$2,000
could initiate a school program to educate youth

on the importance of planting and caring for trees or pay the annual salaries of four nursery school teachers at one school.

\$1,600
could cover medical university fees for one year. Any beneficiaries of this program are committed to returning to Likoma to work for at least five years.

\$1,200
could implement a central dumping site at Likoma Island market as part of the Clean Likoma initiative.

\$800
could assist in the plantation of 2,240 trees or run a volleyball league bonanza on the Island for one year, where village plastic clean-ups occur the morning of the match.

\$400
could install rubbish bins in one village (required for 13 villages) or organize one music and celebration event.

ENGAGE

Participate in volleyball or soccer matches; support plastic clean-up days and attend village film screenings on environmental issues; visit nursery and primary schools; help in the Community Garden and plant trees with the local community in November or December.

ACHIEVEMENTS

- ★ Established five tree nurseries, with each planting 2,000 indigenous and hardwood trees saplings per year.
- ★ Planted a fruit orchard to diversify food sources on Likoma Island.
- ★ Engaged with 13 villages, schools and key influencers on the subject of reducing plastic pollution, with a reach of over 7,000 people.
- ★ Created a Community Garden which provides food diversity, job security for women and a greener supply chain.
- ★ Installed two water tanks at St Peters Hospital to ensure 24-hour access to water.
- ★ Built a shelter for St Peter's Hospital pharmacy.
- ★ Provided vital equipment and medical supplies to St Peter's Hospital.
- ★ Sponsor five Island nursery schools with learning materials, teacher training and food program for students.
- ★ Sponsor over 150 students to attend secondary school and three at medical university.
- ★ Uplifting secondary schools with learning materials, compost toilets, staff housing and general maintenance.
- ★ Brought the local community together through a music and celebration event, providing care packages to community members, selected by village chiefs. Packages include basic needs such as soaps, food and donated clothes.

These were 2019 achievements.

MAYAMIKO TRUST MALAWI

EMPOWERING WOMEN THROUGH SKILLS TRAINING AND EDUCATION

The lack of access to education and economic resources are frequently cited as major barriers to gender equality and women's empowerment. These are particularly important factors in making women vulnerable to poverty. In Malawi, more than 70 percent of people live below the poverty line.

In 2008, impact entrepreneur, Paola Masperi, set up Mayamiko Trust in Malawi to provide women with education, skills training and access to finance to create a sustainable way out of poverty. Paola believes that the most effective way forward for communities facing hardship is not to compensate for what they lack through aid, but to encourage and nurture creative talents and a willingness to learn.

A workshop and training center was established to develop artisanal skills using locally sourced fabrics. Trainees learn to make everyday items such as school uniforms in a workshop powered by solar energy. There is also an education program with classes in life skills, business and entrepreneurship skills as well as financial education. Graduates can also apply for a grant for a sewing machine and start their business activity, or stay to work on Mayamiko The Label, which produces clothing for the external market. The UK-based fashion label, which Paola set up in 2014, pays for products at a fair price. This ensures the employees receive good salaries and the protection they need in terms of financial, job and health security.

Mayamiko Trust also has a zero-waste policy, using scrap fabric to make re-usable sanitary kits. Complementary programs, including the promotion of solar lights, are also taught. Mayamiko helps to bring light to communities in Malawi, starting with Chinsapo, the community where many of the trainees and employees come from. Many households use kerosene as a source of energy for light, which is hazardous to both health and environment. Mayamiko embarked on a project to promote the use of solar power solutions through the sale and loan of affordable solar energy products to women in Chinsapo for their domestic use.



All images © Mayamiko Trust



DONATE

- \$20,000**
could pay for ownership of currently rented facilities or build a new training center.
- \$10,000**
could pay for the digitalization of the curriculum for distance learning, reaching hundreds of beneficiaries.
- \$5,000**
could pay for training a second trainer and equipping a second classroom for eight students who are provided with training over six months, or pay for building a natural dyeing facility to bring back traditional skills such as plant dying and batik, which have almost entirely disappeared in Malawi. This would cover the infrastructure (dye baths and water cleaning system) and raw materials.
- \$2,000**
could provide two trainees sponsorship for six months' tailoring tuition, including meals, additional business training, as well as a start-up grant, plus 125 re-usable sanitary pads for vulnerable women in the community.
- \$1,600**
could provide a short-course in basic hand sewing or introduction to tailoring, to 10 women or out-of-school girls in the community.
- \$1,200**
could provide a one-day workshop in business management and finance for 20 women.
- \$800**
could provide trainee sponsorship for six months' tailoring tuition, including meals and business training, as well as a start-up grant.
- \$400**
could provide one solar entrepreneur with training and a kit of eight solar lights as start-up capital.



ENGAGE

Visit the market in Lilongwe to choose a fabric and go through the process of making a garment on a visit to Mayamiko Trust's workshop, which is a 20-minute drive from Latitude 13 in Lilongwe. In addition, teach finance management classes or hold surgery sessions for graduates to help review their business plans. You could also teach an English class.



ACHIEVEMENTS

- ★ Nine tailors attended a pattern making training course.
- ★ 20 women attended the entrepreneurship and financial literacy modules.
- ★ Over 1,000 sanitary pads were distributed to girls in the community as well as refugee camps in Malawi and Greece.
- ★ Just under 300 solar lights were distributed, bringing light to an estimated 3,000 people.
- ★ More than 3,600 meals distributed to teams.

These were 2019 achievements.

RIPPLE AFRICA MALAWI

EMPOWERING COMMUNITIES TO CONSERVE FISH POPULATIONS IN LAKE MALAWI

Lake Malawi contains more species of fish than any other lake in the world. These fish are a source of food for millions, provide livelihoods for thousands, support eco-tourism and are of great scientific interest. However, Lake Malawi is now under serious threat. In 2019, the estimated population of Malawi was 19 million and by 2050, this is expected to hit 45 million, which is triple the 2010 population. This rapid population growth as well as human activity, such as deforestation in the Lake's catchment area, and overfishing, are taking their toll and subsequently, having a devastating impact on fish species. In 2018, the IUCN Red List Assessment reported that nine percent of the 458 fish species in Lake Malawi are at high risk of extinction and in particular, three of the four highly prized species of Chambo were found to be critically endangered. Not only is this a concern from a biodiversity perspective but also because more than 70 percent of people in Malawi live below the poverty line, people who rely on fish for food and their livelihoods.

RIPPLE Africa's Fish for Tomorrow program, which began in 2011, is working with the Malawi Fisheries Department to empower fishing communities to manage their fish resource sustainably and is helping to guide policy and prioritize conservation actions. The program is operational in Nkhata Bay District, Nkhatakota District and Salima District. RIPPLE Africa would like to expand the program with the Fisheries Department to cover all of the lakeshores on the Malawian side of the lake, a distance of about 560 kilometers (350 miles), and to continue to develop the three existing districts as a training ground for people from other districts.



All images © Tara Rice



DONATE

\$125,000

could operate the entire Fish for Tomorrow program in one district for a year.

\$10,000

could provide the running costs of a four-wheeled drive vehicle for nine months. This is used to attend meetings with chiefs and community members as well as carry out vital project monitoring activities.

\$5,000

could cover the annual salary for a Fish for Tomorrow coordinator.

\$2,000

could pay District Fisheries staff in two districts to carry out surveys of fishing activities.



ENGAGE

Learn first-hand about RIPPLE Africa's work in Nkhata Bay District by meeting a Fish Conservation Committee and seeing a Chambo breeding area. If staying in Nkhatakota District, take a trip to Chia Lagoon to meet a Fish Conservation Committee to find out how they are protecting one of the main Chambo breeding sites in Malawi. Meet a local fisherman to learn about the different types of boats that are used, which nets are best for which species of fish and find out what difference the project is making to their household income. Alternatively, build a Changu Changu Moto fuel-efficient cookstove.

ACHIEVEMENTS

- ★ Bylaws officially signed for Nkhatakota District on 22 May 2018, the first bylaws signed in the District.
- ★ 205 fish conservation committees are now operating in Nkhata Bay and Nkhatakota Districts, each with 10 volunteers from the local community, 30 percent of these are women.
- ★ At least 10,000 mosquito nets, made into large drag nets, have been confiscated. These nets catch fish at a very small size before they are fully-grown and able to breed.
- ★ 53 breeding areas are being actively protected so that the young fish can mature and multiply.
- ★ The project is now operating in parts of Salima District, where 41 fish conservation committees have been established.

These were achievements from the 2018/19 year.



AFRICAT FOUNDATION NAMIBIA

CONSERVING NAMIBIA'S LEOPARD, BROWN
HYAENA, PANGOLIN AND AARDVARK

Namibia is home to one-third of the world's wild cheetahs and an important wide-ranging lion population, as well as leopard, hyaena and smaller carnivores. However, frequent conflict with local communities and the perceived predation risk of livestock, linked to the loss of habitat, has resulted in the persecution of carnivores.

Recognizing the pressures on wildlife and their ability to live freely in their natural habitat, AfriCat responds to the challenges in a distinct geographical area within central Namibia. The designated area for AfriCat research, education and conservation activity is Okonjima, a 22,000-hectare private nature reserve in the center of the country. The Reserve is near the town of Otjiwarongo, 225 kilometers (140 miles) from the capital of Windhoek. AfriCat has been established here since 1991.

AfriCat is dedicated to the long-term conservation of wildlife. AfriCat conducts diligent carnivore research focusing on leopard and brown hyaena ecology. Research into territory, predation patterns, population density and dynamics is carried out to help obtain a detailed understanding of how these large predators live and thrive. Pooling and analyzing this data enables targeted and sustainable management decisions and the production of effective environmental educational programs.

Okonjima Nature Reserve is also home for a wide range of smaller species, such as the Temminck's ground pangolin. This is one of eight vulnerable pangolin species worldwide and one of four that occur on the African continent. AfriCat leads a project to gather information on their activity patterns, population dynamics, prey selectivity, and overall ecology to understand their behavior and survival strategies. The end goal of collecting this data is to shed light on biological baseline knowledge and to create conservation guidelines for ground pangolin that can be applicable across their range. AfriCat also carries out research to establish the potential impact of climate change on free-ranging aardvarks within the Reserve. By using VHF tags, aardvarks across Okonjima are tracked to establish home range sizes, overlap between individuals and burrow locations. Basking behaviors are also monitored with camera traps.

"We spent an exhilarating morning with AfriCat tracking a male leopard named Mawenzi. We also witnessed first-hand conservation efforts of two orphaned cheetahs whose mother was killed by farmers. Raisin and Peanut are two brothers who, without AfriCat, would not have survived in the wild. Both were happy and well-adjusted to the reserve because of the hard work of the AfriCat team."

- Mr and Mrs Gatenio

DONATE

\$2,100

could purchase a satellite GPS collar for a sub-adult leopard to investigate natal dispersal behavior.

\$2,000

could purchase a GPS/SAT transmitter for monitoring a trafficked-released pangolin.

\$1,500

could sponsor the genetic analysis of biological samples from AfriCat's brown hyaena population to assess the level of genetic diversity and inbreeding in the population.

\$700

could power all brown hyaena camera traps for a year's worth of data collection or 30 leopard camera traps for a year's worth of data collection.

\$500

could purchase a GPS collar for a breeding female or dispersing sub-adult brown hyaena, for 18 months of data collection.

\$450

could sponsor a Namibian student to partake in the AfriCat pangolin or brown hyaena research projects for their Work Integrated Learning program at the Namibian University of Science and Technology.

\$300

could purchase an entire pangolin or aardvark camera trap setup including camera, protective housing, mount, and SD card for monitoring burrows to determine emergence times and inter-and intra-specific interactions.

\$250

could purchase one pangolin VHF transmitter, an aardvark VHF ear tag or a VHF collar for a leopard, for 18 months of tracking and monitoring.

\$50

could purchase two temperature loggers to measure the temperature inside and outside of aardvark burrows, helping to better understand the role of aardvarks as keystone species for providing thermal refuges to the larger wildlife community.

© Richard Zaayman



© Richard Zaayman

ACHIEVEMENTS

- ★ Since September 2018, 80 percent of identified individuals have been tagged.
- ★ Utilizing spatial data from GPS transmitters, the project has determined the pangolin population to have a polygamous mating system. Male home ranges are on average 50 percent larger than those of females.
- ★ The AfriCat aardvark research project was the first to successfully trial the use of VHF ear tags on aardvark for tracking and monitoring purposes.
- ★ In 2019, four aardvarks were tagged for monitoring using a custom-built aardvark trap.
- ★ During the extreme drought of 2019, aardvarks were seen to be in poor body condition. When camera traps were set outside active burrows, basking behavior was recorded during the day. Previously, basking behavior has been recorded during drought winters in the Kalahari and is thought to be an energy-saving behavior used by an energy-deficient aardvark. This is the first time such behaviors have been recorded in Namibia.



© AfriCat Foundation



© Martin Harvey

ENGAGE

Go on a park drive with researchers for trap construction and baiting, followed by attempted aardvark and/or pangolin tracking (season pending); monitor sample collections with researchers; carry out a health examination with an AfriCat veterinarian; dart a non-specific species with researchers and an AfriCat veterinarian, and over dinner and on park drives with researchers, deepen your understanding of AfriCat's brown hyaena, pangolin, leopard and aardvark projects. These behind-the-scenes engagement activities are available during a three-night stay in one of AfriCat's properties and must be pre-arranged as spaces are limited. To engage in a health examination and darting, which is non-species specific as this will depend on activities at the time of your visit, AfriCat asks for a donation of \$2,000 per person (or \$2,500 per person over a weekend).

ACHIEVEMENTS CONT.

- ★ In 2018, conducted the first brown hyaena population survey for Okonjima using a new class of spatially explicit capture-recapture models to estimate population density. The resulting density was 24 brown hyaena per 100 square kilometers, which equates to a total of 48 individuals residing on Okonjima. This is currently the highest density of brown hyaena recorded anywhere in their distribution.
- ★ 12 brown hyaenas were GPS collared to study their socio-ecology in enclosed reserves. Spatial data from these collars showed a mean home range size of just 37 square kilometers and a total of six clans (family units) living on Okonjima. The home ranges are some of the smallest recorded for the species. Spatial data also confirmed the presence of nomadic individuals on Okonjima. This is the first time the presence of nomads has been confirmed for an enclosed population.
- ★ Through den monitoring, AfriCat was able to record the first confirmed case of infanticide for wild brown hyaena.
- ★ The collaring and re-collaring of 15 leopards enabled the analysis of data on population demography, home range estimations and prey preferences for the leopard population in Okonjima. Preliminary post-natal spatial data of four sub-adult individuals were collected and analyzed regarding dispersal age, dispersal distance, size of established post-natal home range and differences between male and female sub-adult leopards. Data from GPS collars will be vital to produce more conclusive data on dispersal parameters.
- ★ The live-feed camera system of five steel-mesh box traps which enable the capture and collaring of leopards in the reserve were upgraded, facilitating and streamlining the process of capturing and collaring leopards.

These were achievements from the 2018/19 year.

CHEETAH CONSERVATION FUND NAMIBIA

HELP THE WORLD’S FASTEST MAMMAL IN A RACE AGAINST EXTINCTION

Cheetahs can run speeds of up to 70 miles per hour (113 kilometers per hour), yet they are not able to run from habitat loss as well as conflicts with humans and their livestock. In June 2018, it was reported that there were fewer than 7,500 cheetahs left, with 90 percent of the population having been lost within the last century. The highest concentration of cheetahs can be found in Namibia where there are approximately 1,500 living on livestock farmlands. Their survival is primarily due to the dedication of the Cheetah Conservation Fund (CCF), a global leader in the research and conservation of the species. Since 1990, 1,000 cheetahs have been worked on by CCF conservationists and of those, 600 have been released.

CCF undertakes many collective activities, including research and genetics, human-wildlife conflict mitigation, habitat restoration, public awareness, as well as education and training. The CCF Model-Farm Education and Research Center implements multiple training and education programs. The Center also demonstrates livestock and farmland management techniques through their Future Farmers of Africa (FFA) workshops and trains women and men on how to make products such as goat cheese, ice cream, fudge and honey at the CCF Dancing Goat Creamery.

Data generated through research programs is the foundation for creating and informing CCF’s conservation strategies. Camera traps are used to better understand biodiversity, detection dogs used to collect scat samples and DNA samples from blood and scat used to identify population structure.

The illegal wildlife trade is a significant contributor to the decline in the population of cheetahs. Cheetah cubs are often trafficked and smuggled out of Africa for the illegal pet trade. CCF continues to aid in the enforcement of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and support national laws.

CCF have also developed a One Health Initiative to address the needs of local communities and recently launched a mobile clinic to travel throughout the Eastern conservancies in Namibia to vaccinate for rabies prevention. With additional funding, the mobile clinic will also provide spay/neuter clinics and health checks for herds in these communities.

Land management is also critical to overcome the fragmentation of cheetah populations and the degradation of the land occupied by cheetahs and other vulnerable species. CCF is working in the Greater Waterberg Landscape to purchase land parcels, which will enable CCF to protect vulnerable species, restore habitats and connect wider ranges.



© Brice Petit



© Jim Zuckerman

DONATE

\$10,000

could help cover one-month of expenses for the safe house and care of confiscated cheetahs that CCF maintains and other illegal wildlife trade related costs.

\$5,000

could provide the annual care for one injured / orphaned cheetah that has been rescued.

\$2,000

could sponsor one Intern to train at the CCF Center for six months.

\$1,600

could purchase one GPS tracking collar to monitor a rewilded cheetah.

\$1,200

could cover the costs of vaccination supply sets for 500 animals.

\$800

could enable 250 school students to participate in an FCA educational program.

\$400

could enable 20 farmers to attend an FFA training workshop.



© Julia Wimmerlin

ENGAGE

Take a two to three-hour tour of the CCF International Research and Education Center, which overlooks the picturesque Waterberg Plateau, as well as museum, clinic and creamery. Located 44 kilometers (27 miles) east of Otjiwarongo, you will also have a chance to see some of the resident cheetahs which cannot be released into the wild. Visitors can also see these ambassador cheetahs running close-up when they are on their morning exercise and see CCF's livestock guarding dogs at the Model Farm.



© Suzi Eszterhas / Minden Pictures

ACHIEVEMENTS

- ★ 28 livestock guarding dogs were placed with farmers to reduce livestock losses due to predation.
- ★ Reached 16,700 students and educators with Future Conservationist of Africa training and 660 farmers for Future Farmers of Africa programs.
- ★ Processed an additional 529 samples to add to the CCF database.
- ★ Administered more than 1,000 rabies vaccinations for domestic dogs and 1,650 health checks for herd animals.
- ★ Provided care for more than 40 rescued cheetahs at the Somaliland Safehouse.
- ★ Trained 45 International interns and 16 Namibian interns.

These were 2019 achievements.

HAVE-A-HEART NAMIBIA

REDUCING THE OVERPOPULATION CRISIS OF DOGS AND CATS IN NAMIBIA THROUGH STERILIZATION

Namibia is experiencing a serious overpopulation crisis of dogs and cats. Within townships, stray animal are breeding at an uncontrolled rate which is causing populations to spiral out of control.

Throughout Namibia's townships there is a lot of love and care for dogs and cats. Although the majority of the low/no income communities understand the importance of sterilization and vaccinations, they simply do not have the funds for them, or in many cases, there are no local veterinary services. Have-a-Heart aims to help pet owners from low/no income communities by providing free spay and neuter services in addition to vaccinations and parasite control treatments. The project is helping to reduce stray animal populations across the country by reducing uncontrolled breeding and improving the welfare of the individual animals operated. Stray animals are not just a threat to human societies; there is a threat to local wildlife. Canine distemper is highly contagious and a serious viral illness with no known cure that is a major threat to the African wild dog. Stray cats also have the potential to mate with the African wild cat, a species that is currently threatened by hybridization with the domestic cat. In their desperate need for survival, stray dogs can become aggressive and a threat to other animals and people, especially children, and their numbers are increasing every day due to rampant, uncontrolled reproduction. In just six years, one un-spayed dog and her pups can lead to 67,000 births while the cat population can be expected to increase by 420,000 in seven years from just one cat and her litter.

With thousands of unspayed animals across Namibia, it is not difficult to imagine the magnitude of this problem. The solution is simple. To keep the population of dogs and cats at a sustainable level, sterilization is needed as much as possible.

Registered as a Namibian non-profit organization in 2013, Have-a-Heart provides free sterilization services to dogs and cats from low / no income communities across Namibia as a means of tackling the country's massive pet over population crisis and improving their welfare. Each sterilized animal also receives full vaccinations, multi-vitamin injections and parasite control treatment. The charity is also committed to taking care of their 'Have-a-Heart family members' for the rest of their lives with yearly follow-up booster vaccinations and the provision of emergency care as and when needed.



All images © Have-a-Heart

Have-a-Heart is run entirely by volunteers so there are no overheads. Volunteers are certified rabies educators with the Global Alliance for Rabies Control. Have-a-Heart works with a number of private and state veterinarians across Namibia, including Namibia's first and only Mobile Animal Clinic, which means sterilization services can take place in the townships themselves, helping low / no income communities to access their services. They regularly work in 21 towns across the length and breadth of Namibia.

The financial model is simple: the more donations received, the more dogs and cats that can be helped, thus also eliminating the need for mass-euthanasia. From past experiences, it is possible for an experienced veterinarian to sterilize an average of 25 dogs per day, whilst volunteers provide dipping services to free dogs of external parasites to over 100 dogs in a single morning. Therefore, Have-a-Heart can quickly have a sustainable impact in rural communities. There are currently no other registered organizations providing large-scale spay and neuter services in Namibia. Companion owners from low / no income communities see the value of sterilization so the charity's services are very much in demand. Have-a-Heart hopes to work towards a future where no animal in Namibia is born destined to become a stray.

DONATE

\$14,000

would pay for the annual sterilization and vaccination of 350 dogs and cats from no / low income families in the coastal townships of Swakopmund.

\$4,000

would pay for the sterilization and vaccination of 100 feral cats at the Prison College in Omaruru.

\$870

would pay for the sterilization and vaccination of a colony of 23 feral cats in Brakwater.

\$480

would cover the sterilization and vaccination of 12 dogs and cats from low-income families in Omaruru over the course of a month.

\$330

would pay for the printing of 100 children's education books from the Global Alliance for Rabies Control that educates children on how to avoid getting bitten by dogs and what to do in the event of a bite.

\$160

would pay for the sterilization and vaccination of four feral cats living at the Total petrol station in Karbib.



ENGAGE

On a visit to Namibia, you are warmly invited to meet a member of the Have-a-Heart team to find out more about the overpopulation crisis and what is being done to resolve it. Team members are located in Swakopmund, Omaruru and Windhoek. In addition, if a spay day is being carried out during your stay in Namibia then you would be welcome to attend.



ACHIEVEMENTS

- ★ Since the charity's establishment, over 9,031 dogs and cats from low / no income families across Namibia have been sterilized and vaccinated.
- ★ In 2019, 1,863 dogs and cats were sterilized and vaccinated.
- ★ Children's educational booklets from the Global Alliance for Rabies Control, as well as the Namibian 'Pako' children's magazine, have been distributed to children in 21 towns across Namibia.
- ★ In 2017, Have-a-Heart Namibia was shortlisted for the Global Alliance for Rabies Control Africa Rabies Day award.

LIONSCAPE COALITION

NAMIBIA

CONSERVING NAMIBIA'S DESERT LIONS

Lions are one of the most treasured and respected wildlife species on earth, capturing the human imagination like few other animals. They have economic value through photographic tourism, as well as depiction and cultural value. However, these values have not translated into maintaining lion populations well. Over the last 25 years, we have lost half of the wild lions that once roamed across the African continent. In September 2019, it was recorded that lions have disappeared from 94 percent of their historic range. There are just 22,500 lions remaining in the wild, fewer than wild rhinos, elephants and gorillas.

The vast landscapes that inhabit lions are rapidly disappearing as humanity takes over their habitat for settlements, agriculture, logging, charcoal burning, mining and other development. With less space, conflicts with local communities and their livestock increase. This frequently results in the retaliatory killing of lions by livestock keepers. Lions are also caught in snares and poachers often sell lion body parts to the black market, believing they have medicinal value. Furthermore, lions experience significant prey loss as a result of the bushmeat trade and competition for grazing due to the growth in livestock numbers.

Lions are an umbrella species for wider biodiversity. If we invest in protecting and connecting existing parks and reserves, we can transform these landscapes where lions and other wildlife can recover and people can thrive. It is also important to note that half of the lion range is outside formally protected areas so it is vital to engage with local communities and national policy makers. In addition, the wild landscapes on which lions depend are critical for humanity. By conserving lions and their habitat, we can help store vast quantities of carbon and protect watersheds on which many of Africa's cities depend.

In 2017, the Lion Recovery Fund (LRF) was established, co-founded by Wildlife Conservation Network and the Leonardo DiCaprio Foundation. The Fund's overarching vision is to double the number of lions by 2050. The LRF raises and efficiently deploys funds to provide support to NGOs working hand-in-hand with governments and local communities to conserve lions, their habitats, and their prey. To date, the LRF has invested more than six and a half million dollars into the conservation of Africa's lions. There are no overhead costs. The LRF follows a science based strategy to allocate funding. The LRF director scours the continent for the best ideas for conserving lions and their habitats and invites proposals for review by a panel of conservation specialists. A wide range number of projects are supported, such as promoting the co-existence between people and lions; tackling illegal wildlife trade; re-introducing lions; support for the management of protected areas and campaigns to build public, philanthropic and political will.

© Chris Schmid

DONATE

\$50,000

could contribute to the running costs of the North West Human Wildlife Conflict rapid response team for a year. This includes salaries, equipment, food supplies and vehicle running costs.

\$20,000

could cover all running costs of the Desert Lion Conservation project for a year. This includes fuel, vehicle maintenance, communications, drugs and supplies.

\$10,000

could purchase field equipment needed for monitoring, including night vision technology.

\$5,000

could cover all laboratory expenses for a year.

\$2,000

could purchase a GPS satellite collar (\$1,500) and uploading fees from the satellite company (\$500).

\$1,200

could purchase a mobile data logger.

\$800

could purchase two camera traps needed for remote monitoring.

\$400

could purchase a GPS collar.

© Adam Bannister

ACHIEVEMENTS

- ★ Since 2018, eight early-warning towers have been established to assist in the mitigation of human-lion conflict.
- ★ 24 early-warning collars have been fitted to lions in high-risk human-lion conflict areas.
- ★ Trained 20 local Lion Guardians in the use of fireworks to reduce the occurrences of human-lion conflict.
- ★ Responded to over 50 reported incidents of human-lion conflict with the goal of mitigating these incidents.
- ★ Local farmers were taken into the field to witness the darting and translocation of lions.
- ★ Assisted the Ministry of Environment and Tourism with the relocation of lions on five different occasions, where lions were a potential threat to livestock and humans.

© Olwen Evans

In 2017, the LRF formed a new initiative with the tourism industry, called the Lionscape Coalition. The founding members of the Coalition are Ultimate Safaris (through the Conservation Travel Foundation and in partnership with The Explorations Company and the Thika Foundation) as well as Singita, &Beyond and Wilderness Safaris. To date, more than \$28,000 has been contributed to Lionscape Coalition by The Explorations Company. The tourism industry is uniquely positioned to have a significant impact on conservation as the industry occupies some of the most important lion landscapes in Africa and attracts a large body of wildlife enthusiasts and therefore plays a key role in sharing the conservation message. This partnership works because lions need tourism and tourism needs lions because of their popularity. Jobs and revenue created by tourism is a key incentive for African governments to set aside land and invest resources in conservation. The Lionscape Coalition provides a means to harness the power of the tourism industry around a large-scale and unified conservation effort.

Through The Explorations Company's collaboration with the Lionscape Coalition through Conservation Travel Foundation in Namibia, the Company have been able to support Desert Lion Conservation (DLC), which supports a small but unique population of desert-adapted lions that live in the northern Namib Desert.

Dr. Philip (Flip) Stander, a leading conservationist, has dedicated more than 35 years to the study and preservation of the Namib Desert lion. In 1998, Dr. Stander established DLC with the aim to collect ecological data, addressing human-lion conflicts, and to develop a conservation strategy. His work was the focus of an award-winning documentary *Vanishing Kings – Lions of the Namib* (2018). Primarily due to Dr. Stander's efforts, Namib lions have now reached the numbers of around 150, up from 25 recorded in 1999, in the remote area of Kaokoveld in the Skeleton Coast region. This region is the only place on earth where free-ranging lions can be seen amongst sand dunes or on a beach. As a result, these lions are of great significance.

Life for any desert-adapted species in Namibia is challenging due to the relentless, barren terrain. However, for an apex predator such as a lion, this is increasingly difficult as they reside in harsh, low prey areas with little water. A desert-dwelling lioness in Namibia who has a litter of cubs can travel 60 kilometers (38 miles) to find her nearest source of food. It can take her five days to find prey and return to her cubs, by which time they may have been killed or starved to death. Incorporate a warming climate and human-wildlife conflict when through desperation, a lion might kill a domestic livestock, and you will begin to realize the extent of the daily challenges encountered by a desert lion.



© Chris Schmid

ENGAGE

During a guided safari to North West Namibia, incorporate a three-night stay in a private mobile camp where you will have the opportunity to meet Dr. Flip Stander, if in the area, who runs the Desert Lion Conservation Project. You will spend time with him, learning about his work and the wider challenges facing the only population of desert lions in the world. You will also go in search of the pride of lions that Flip studies. The minimum donation for this experience with Flip costs \$10,000 per group.

ACHIEVEMENTS CONT.

- ★ In partnership with Africa Parks, established a wireless monitoring network in the Hoanib River.
- ★ Monitored and observed lions that have found a new home on the coast of Namibia and studied their change in diet and behavior.
- ★ In February 2019, 30 lion rangers attended a training session at Wêreldsend.
- ★ From October 2018 to March 2019, 11 lion rangers in three conservancies were employed to respond to lion conservation issues.
- ★ Teams are familiar with at least eight prides consisting of 27 individuals.
- ★ Throughout 2019, gathered new and interesting data on the desert lion population during one of the worst droughts ever-recorded in North West Namibia.

These were achievements from the 2018/19 year.



© Chris Schmid

CONSERVATION HERITAGE - TURAMBE RWANDA

EDUCATING LOCAL COMMUNITIES TO LIVE
IN HARMONY WITH MOUNTAIN GORILLAS
AND THEIR HABITAT

Covering 160 square kilometers (62 square miles), Volcanoes National Park in Rwanda's northwest region is home to 20 gorilla families, which equates for about 60 percent of the entire population in the Virunga Massif, a mountain range that stretches across the borders of Rwanda, Congo and Uganda.

Since 2000, with long-term conservation action, the population of mountain gorillas has increased from approximately 680 to 1,063. As a result, the mountain gorilla is now considered by the IUCN to be endangered rather than critically endangered. However, despite their recent success, their survival remains on a knife-edge so it is important not to become complacent. Gorillas are faced with many daily threats, including nearby civil unrest, habitat loss and degradation as a result of agricultural and human population expansion, as well as human-gorilla conflict for limited natural resources. Gorillas also face challenges from human-introduced diseases such as respiratory infections. Furthermore, they are poached for meat and the black market sale of body parts, sought after in the illegal pet trade and injured from snares intended to catch antelope for human consumption.

The improved status of the mountain gorilla is a result of efforts from many communities, governments and organizations such as Conservation Heritage – Turambe, Dian Fossey Gorilla Fund International and Gorilla Doctors. The key to the success of gorilla numbers has been due to factors such as the introduction of park guards, veterinary care, community support projects and regulated tourism.

Established in 2013, Conservation Heritage-Turambe (CHT) is a local organization based in Musanze District, in the Northern Province of Rwanda. The organization consists of six Rwandan staff. Houston Zoo is a CHT partner and acts as their financial support for donations. The Kinyarwanda word "Turambe" means 'let us be sustainable' in the English language.

© Dennis Stogsdill

DONATE

\$25,000
could buy a vehicle for CHT to carry out their programs.

\$11,000
could buy and install six water tanks.

\$10,000
could buy 200 sheep to give to CHT graduates as alternative income generation.

\$3,000
could fund materials required for an after-school conservation and health program for a year.

\$2,200
could buy 2,000 bamboo seedlings to grow within the local communities around protected areas.

\$1,600
could buy art supplies such as watercolor paints, sketch pads, pencils and crayons for 16 local children.

\$1,500
could buy a permit for one child to visit gorillas in their natural habitat for one-hour trekking.

\$1,200
could buy personal hygiene supplies (toothbrushes, toothpaste, washcloths and soap) for 48 local children.

\$1,000
could build 40 hand-washing stations.

\$500
could pay for one child to attend CHT after-school conservation and health education programs for a year.

© Dennis Stogsdill

CHT teaches local communities, including schoolchildren, about conservation and health. They discuss issues facing wildlife in Volcanoes National Park, especially mountain gorillas, to alleviate the conflict between wildlife and the community. They teach children about environmental stewardship through art projects that reinforce recycling and reusing materials.

CHT contributes to local communities. They donate rainwater tanks to reduce the need for humans to enter wildlife habitats in search of water. This also decreases the likelihood of disease transmission between humans and gorillas. Bamboo and indigenous trees are also planted to prevent soil erosion and provide wildlife habitat. Furthermore, latrines and hand-washing stations are built and waste bins installed to inspire children to be ambassadors in their families by practicing good hygiene and keeping their environment clean. CHT supports alternative sources of income, thereby reducing the need for taking resources from Volcanoes National Park. For example, CHT donate sheep to local families. These sheep are used to provide other sources of income, rather than harvesting wood for sale from the forest.

Children who participate in the conservation and health awareness program are taken to Volcanoes National Park to connect with wildlife. Although children live alongside mountain gorillas, they rarely have the opportunity to see them and visit their natural habitat.

Lastly, CHT holds large-scale annual community events. These include educator workshops to build capacity for local teachers, sports activities to encourage healthy living and Parents as Partners Open House, which is an end-of-year celebration for CHT after-school program participants to share with family, friends and local partners as to what they have learned, particularly regarding health and conservation messages.



© Dennis Stogsdill

ENGAGE

Conservation Heritage – Turambe invites you to help with tree planting and to participate in classroom activities, such as drawing lessons as well as other interactive and hands-on activities. If visiting in September, you are also welcome to take part in the Kwita Izina 3K Gorilla Fun Run and Tennis Tournament. Except Kwita Izina Tennis Tournament which takes place in Muhoza Sector, Musanze District, most of the activities take place in Nyange or Kinigi Sector, Musanze District. The minimum age is 10 years.



© Conservation Heritage - Turambe

ACHIEVEMENTS

- ★ Donated three water tanks.
- ★ Planted 2,000 bamboo trees around the riverbanks of Cyuve stream in Nyange Sector.
- ★ Planted more than 2,000 fruit trees.
- ★ Built 66 latrines for families living in Nyange Sector, Musanze.
- ★ 80 kitchen gardens were established for families.
- ★ Installed 55 waste bins in Musanze District.
- ★ More than 400 children from GS Kabara and Kagano schools, aged between 10 and 16 years, took part in art projects, such as mural paintings and wildlife drawing exercises.
- ★ Donated 74 sheep to provide an alternative source of local income.
- ★ Engaged with 352 children from GS Kabara and Kagano schools, aged between 10 and 16 years, as well as their teachers, on a conservation and health awareness program.
- ★ Sports events brought together more than 800 local community members.
- ★ Held an annual Parents as Partners Open House event in October. This event was attended by over 500 local community members and leaders.

These were achievements from the 2018/19 year.

RWANDA WILDLIFE CONSERVATION ASSOCIATION RWANDA

EMPOWERING COMMUNITIES TO
SECURING A FUTURE FOR THE
MAJESTIC GREY CROWNED CRANE

Just five years ago, there were less than 500 wild grey crowned cranes in Rwanda. The population had dropped by 80 percent over the last 50 years due to the illegal pet trade and habitat destruction. Grey crowned cranes were believed to be a symbol of wealth and prosperity. Many were taken from the wild and sold as trophies for private gardens and hotels where they often live stressed, malnourished, rarely able to breed and have their wings clipped or broken so that they are unable to fly. Cranes are also vulnerable to human factors such as population growth and poverty, conversion of swamps to fields for agriculture, and other activities causing wetland habitats used by the cranes as feeding and breeding sites to decline. At the forefront in conserving grey crowned cranes is Dr. Olivier Nsengimana, an inspiring young veterinarian who is internationally recognized for his pioneering efforts. In 2014, Olivier established the Rwanda Wildlife Conservation Association (RWCA) and hopes his project to be a role model for neighboring countries in saving a species from illegal trade.



© John Dickens

DONATE

\$10,000

could support the running costs of Umusambi Village for a year, a facility covering 40 acres (16 hectares) of land, providing an education center and restored wetland sanctuary and nature reserve for over 50 disabled cranes.

\$5,000

could help organize a workshop event with 200 local leaders around Rugezi Marsh to improve law enforcement.

\$2,000

could facilitate a primary school education campaign reaching 800 children.

\$1,600

could support nine environmental youth clubs with art resources, gardening equipment and club leaders' training and mentorship.

\$1,200

could provide a team of marsh rangers and community conservation champions with family health insurance for one year.

\$800

could support a Rugezi Marsh ranger for one year.

\$400

could provide veterinary care and food for one of 50 disabled cranes a year.



© Rwanda Wildlife Conservation Association



© Rwanda Wildlife Conservation Association

ENGAGE

On a visit to Kigali's Umusambi Village, assist a veterinarian with health monitoring of a disabled crane, plant indigenous trees, assist with a biological survey, design educational materials, conduct seminars as well as assist with beekeeping and butterfly rearing. At Rugezi Marsh, meet the rangers and join them on patrol as well as visit youth environmental clubs. At Akagera National Park, take a behind-the-scenes tour of the crane rehabilitation facility and visit other youth environmental clubs.



© Rwanda Wildlife Conservation Association

ACHIEVEMENTS

- ★ 233 cranes were removed from captivity.
- ★ 160 cranes were taken to a rehabilitation facility in Akagera.
- ★ 25 rangers completed 762 patrols of Rugezi Marsh and identified 374 illegal activities.
- ★ Training workshops were carried out with 364 local leaders around Akagera and Rugezi.
- ★ 9,346 school children engaged in RWCA's youth education program.
- ★ 748 cranes were sighted during a national crane census.
- ★ A dedicated team of 30 volunteer Conservation Champions were appointed in 2018 and in 2019, they organized 102 awareness raising events reaching 11,026 community members.
- ★ Over 6,480 indigenous trees were planted across the country.

These were 2019 achievements.

GROOTBOS FOUNDATION SOUTH AFRICA

CONSERVING THE CAPE FLORAL KINGDOM AND DEVELOPING SUSTAINABLE LIVELIHOODS

South Africa is home to one of the world's six floral kingdoms: the Cape Floral Kingdom. Approximately 70 percent of the 9,000 plant species found here are found nowhere else. Unfortunately, the plant life is under threat from urbanization, alien plant species, irregular fires, climate change and new forms of agriculture. These challenges have a knock-on effect as without plants, pollinators and other insects, further fauna groups are threatened with extinction.

Established in 2003, the Grootbos Foundation seeks to conserve more than 6,000 acres (2,500 hectares) of the Cape Floral Kingdom, which is located two hours from Cape Town, as well as milkwood forests over 1,000 years old and more than 800 plant species, of which one-eighth are endangered. In addition, Grootbos, an Afrikaans word meaning 'Big Forest', develops sustainable livelihoods of people living within the Cape Floral Kingdom.

Grootbos' oversees three integrated umbrella programs. The first is 'Green Futures' which focuses on the conservation of the Cape Floral Kingdom, including a horticultural and life skills college providing educational training in horticulture, hospitality and guiding. The second is 'Football Foundation' which focuses on utilizing sport for development and includes sports such as netball, hockey, canoeing and rugby. Lastly, the third program is 'Siyakhula' which focuses on the creation of sustainable livelihoods through enterprise development, including organic farming, artisanal skills and ecotourism initiatives for sustainable livelihoods.



© Grootbos Foundation



DONATE

- \$25,000**
could buy a conservation vehicle to assist scientists with their fieldwork.

\$10,000
could provide 15 micro-enterprises with seed funding and mentoring for a year.

\$6,600
could provide the annual salary for a sports coach who are positive role models to over 9,000 sports beneficiaries reached each year.
- \$4,000**
could support a Green Futures Vocational Training College student for a year. This includes daily meals and stipend.

\$2,000
could buy an initial iButton data logging device package, including 25 iButtons, hardware and software. This enables entomologists to monitor aspects such as humidity levels.

\$1,200
could provide 20 soccer or hockey boots for upcoming sports stars or plant 40 indigenous trees.
- \$800**
could support four children for a year at the Early Learning Center.

\$400
could provide two teenage girls with a two-night stay at the Female Empowerment Camp; provide 40 Back2School stationery kits, which includes exercise books, pens and pencils, or buy a motion sensor camera for the fauna monitoring projects.

\$200
could cover the cost of chainsaw management training for two horticultural students.

© Peter Chadwick



Red Copper Butterfly © Grootbos Reserve



Cape Sugarbird © Grootbos Reserve



Arum Lily Frog © Gareth Williams

ENGAGE

Learn to propagate fynbos plants and indigenous trees in the Green Futures nursery; plant a tree as part of a reforestation program in one of three ancient Milkwood forests on Grootbos Private Nature Reserve; head into the field with entomologists to understand the critical role insects play in the vulnerable ecosystem and see insects under the microscope; help prepare meals for recipients of the sports programs and children at the Early Learning Center; take part in after-school sports activities on the community sports fields (Monday to Thursday), or join the 'Rock the Boat' youth development canoeing program on Stanford River (must be able to swim and the minimum age is eight years).

ACHIEVEMENTS

- ★ Over 1,400 indigenous trees planted as part of a reforestation project.
- ★ Over five tonnes of organic vegetables and over one tonne of honey produced at the Growing the Future farm.
- ★ 65 members of the local community received urban agriculture training at the Masakhane community farm.
- ★ Over 9,600 beneficiaries benefitted from the Football Foundation multi-sports program at six sites across the region.
- ★ 80 children graduated from the youth Dibanisa environmental and conservation program, which is managed in local schools.
- ★ Over 1,300 youth from five regional high schools benefitted from the careers guidance and 'ready-to-work' program.
- ★ 204 children below the age of six years were supported across six Early Childhood Development Centers.
- ★ Over 2,700 hectares of fynbos were maintained and cleared of invasive plant species.
- ★ 817 plant species were documented on Grootbos Reserve.
- ★ Over 11,000 beneficiaries benefitted from the work of the Grootbos Foundation across the region.

These were achievements from the 2018/19 year.

UTHANDO SOUTH AFRICA

EMPOWERING CAPE TOWN'S
DISADVANTAGED COMMUNITIES

Uthando (which means 'love') is an inspirational and award-winning program based in Khayelitsha, Western Cape. The program was established in 2007 by social entrepreneur James Fernie. This non-profit and Fair Trade certified organization raises funds for community development projects in townships around Cape Town. These projects included urban farming, youth development, seniors, early childhood development, sports, dance, music and township theatres. These projects are established and managed by the township communities and Uthando simply facilities with fundraising and to raise awareness.

Uthando also organizes insightful tours and interactions with these township communities, whether they involve jazz and choirs, urban agriculture and gardens, or sports and seniors. These authentic tours can be tailored to individual interests and take place over a full day. Tours cover an extensive discussion on South Africa history, the legacy of Apartheid, as well the political, social, economic and cultural issues facing the communities of Cape Town today.

Community development projects include Farmers of the Home, a micro-farming association that trains unemployed people in organic micro-farming methods; the Better Choice Dance Project, which trains children in Gumboots dancing and Tsonga dancing, as well as teaching life skills; Dance for All (pictured), which provides top-class training in a variety of styles and Home from Home, which provides foster care for orphaned and vulnerable children. There are also projects to support the elderly, including Neighbourhood Old Age Home (NOAH), which provides housing and services for the poorest elderly of the Western Cape.



© Mark Wessels / Dance for All



© Alexia Beckerling

DONATE

- \$80,000** could build Ulwazi Educare pre-school (an additional \$27,000 has already been secured).
- \$24,000** could purchase composted manure for community and household vegetable gardens, serving 2,000 micro-farmers over 12 months warm months.
- \$10,000** could enable IMAD to open another music school in a disadvantaged community.
- \$2,500** could provide a cement tennis table for a community center or school.
- \$2,400** could provide 175 seniors with a Christmas voucher, enabling them to supplement their small government pension during the festive season.
- \$2,200** could carry out urgent electrical, carpentry, painting, plumbing and other renovation work at one of 36 homes providing care to children for Home from Home.
- \$1,600** could cover the cost of IMAD's annual showpiece concert at the Nassau Theatre in Cape Town.
- \$1,200** could sponsor an advanced year six KMA pupil for six months, including materials such as music books and instrument accessories.
- \$1,100** could provide a music teacher salary for a month with Hout Bay Music Project, providing music lessons and tuition to 60 students.
- \$800** could support annual tuition for three IMAD music students.
- \$700** could provide transport for 20 seniors at the Sinovuyo Seniors Club to attend their daily activities at the center in Khayelitsha for a month, as well as the monthly stipend for a gardener to maintain the vegetable garden.
- \$400** could sponsor one child for an entire year in Amy Foundation's after school program, or transport 15 full-time Dance for All students for one month of training.

“We are a family of five and believe that the time spent with Uthando was one of the highlights of our holiday. Not only did our guide, James, bring the history of South Africa to life but we learned how the legacy of Apartheid affects life today. We visited a number of community projects in the township and we were made to feel hugely welcome at every stop. The highlight was visiting a warehouse structure converted into a school and a teaching computer program, set-up by two ex-convicts. Whilst we were there, one of the students returned from a successful job interview with an advertising agency and could not have been more delighted. This project - and the others we visited - are truly transforming lives. The following year, my son and I cycled across France to raise money for the work of Uthando.”

- Mr S Fox



© Oscar O’Ryan / Dance for All

ENGAGE

Spend a morning or afternoon visiting and participating in projects that are of interest to you. There are no age restrictions. Tours are subject to availability.

ACHIEVEMENTS

- ★ Since 2010, built five pre-schools / early childhood development centers (ECD) with the help of partners and donors. Construction on Ulwazi Educare commenced April 2020.
- ★ Masibulele ‘Gratitude’ Educare in Khayelitsha was officially opened on 12 October 2019.
- ★ In October 2019, hosted the Duze NomShikaShika Choir from Holland at Isibane Center. The 27-person strong choir sang songs in isiXhosa and collaborated with two local choirs, Major Voices and Isibane Se Africa. Their day included joining a school choir at Isikhokelo Primary School and was experienced by over 1,000 children.
- ★ Sponsored the 2019 Christmas celebrations for 180 seniors from Neighbourhood Old Age Homes (NOAH), Sinovuyo Seniors and Siyathandwa Seniors.
- ★ In May 2019, sponsored the repairs of a one-hectare growing tunnel at the Moya we Khaya vegetable garden next to the Manyanani Peace Park in Khayelitsha. The tunnel was destroyed following a devastating winter storm. The tunnel is an important element of producing high-quality organic vegetables during the hot summer months.
- ★ In June 2019, hosted a group of international students from the University of Washington. These students were in South Africa to learn about local criminal justice issues with a specific focus on at-risk youth projects.
- ★ Astroturf for a children’s play area was installed at Thokozani Together Center.
- ★ Two senior Dance for All students were accepted onto Jazzart Dance Theatre’s three-year artistic development program.
- ★ 11 students from the Kronendal Music Academy participated in the Edinburgh Jazz and Blues Festival in 2018, as well as the annual Southbank Africa Utopia Festival in London.
- ★ Over 200 young people from the poorest areas of Cape Town were taught in IMAD’s four music schools.
- ★ IMAD employs 20 teachers from the disadvantaged communities to provide music lessons and tuition to the learners.

FOXES’ COMMUNITY AND WILDLIFE CONSERVATION TRUST TANZANIA

PROVIDING A FUTURE FOR ORPHANED AND VULNERABLE CHILDREN IN REMOTE TANZANIA

One of the main challenges for people living in remote rural areas is access to healthcare as there is no public transport and dirt roads are often damaged by heavy rain. In addition, although anti-retroviral drugs are now government-funded, healthcare in Tanzania can be expensive for people to access. Many are unable to afford to see a doctor or even attend a clinic to be tested for HIV, which affects five to seven percent of the national population. As well as increased rates of HIV in remote areas, child and maternal mortality rates are high. Furthermore, remote communities have limited access to education. It is estimated that a total of 5.1 million children in Tanzania, aged seven to 17, are out of school.

In 2005, Geoff and Vicky Fox established Foxes’ Community and Wildlife Conservation Trust (FCWCT) in the tea-growing hills of Mufindi in Southern Tanzania. This area consists of 16 villages with a population of 39,000 and the rate of HIV/AIDS is an estimated 35 percent, far higher than the national average. The work of the Trust has progressed from initially providing a safe and secure home at Igoda Children’s Village for children orphaned or vulnerable due to the effects of HIV/Aids on their community. They have undertaken numerous projects geared towards helping the local people to help themselves. One of the most important of these was the Care and Treatment Center at Mdabulo Dispensary which provided the vital HIV testing facility, dispensing anti-retroviral drugs which have helped so many to survive. This was combined with a comprehensive program of school improvements, school feeding schemes, community education and infrastructure, vocational training, income generation projects such as beekeeping and basket weaving; improvements to existing dispensaries and construction of new health facilities. Many of these projects have now been handed over to the community and local authorities following the aim of restoring independence and self-sufficiency.

All images © Aimi Duong Gallego

DONATE

\$10,000

could provide the annual running costs of the school bus, which also transports children to local hospitals and social outings.

\$5,000

could give 14 babies, who have lost their mothers or whose HIV mothers are unable to feed them, a year's supply of life-saving milk formula or provide children in the Children's Village with food for two months.

\$2,000

could pay the annual salary of a full-time carer to look after a child with special needs, such as severe epilepsy or cerebral palsy.

\$1,600

could cover the costs of staffing, meals, Uji, toys and equipment of the 'Caterpillar' Nursery for seven children aged one to two years or provide 80 children with Uji for a year.

\$1,200

could complete the repair of a roof on a children's house and re-paint two houses, or cover the costs of the 'Twiga' Nursery for six months, which looks after nine infants aged between six months and one year.

\$800

could educate three primary school children for a year including school fees, meals, daily nutritious porridge (Uji),

uniforms including shoes and school supplies, or provide 20 school uniforms.

\$400

could educate one school child for a year, which includes fees, two school uniforms, a pair of shoes, school lunch/ snack, stationery and books.



ENGAGE

Help with lesson planning, storytelling and homework; make school activity materials; take part in outdoor activities and games; help local women weavers to make baskets, or assist in the planting and care of vegetables in the greenhouse.



ACHIEVEMENTS

- ★ Cared for 48 children in Igoda Children's Village and responsible for a further 14 at Secondary School.
- ★ 29 children were enrolled in the Village kindergarten.
- ★ 24 children attended the Village nursery and pre-school.
- ★ Through sponsorship, 45 primary, 14 secondary and eight vocational college and university students were supported.
- ★ Approximately 276 infants benefited from the Milk Powder Program.
- ★ Completed the build of the Igoda Dispensary, Care and Treatment Center. This facilitates access to maternity care and midwifery for remote villages.
- ★ From March to December 2018, Luhesela Clinic served 406 people.
- ★ Over 1,200 patients were given dental care by a volunteer dentist.
- ★ The broiler house and greenhouse are a continuing success, providing fresh vegetable and protein for the children.
- ★ A school bus was kindly donated which enables children to attend school, even the most physically challenged.
- ★ In November and December 2018, six social care visits were made to local villages.

These were achievements from the 2018/19 year.

THE PLASTER HOUSE TANZANIA

TRANSFORMING COMMUNITIES:
PROVIDING SURGICAL CARE AND
REHABILITATION FOR DISABLED
CHILDREN IN TANZANIA

In Tanzania, like many countries, disability is highly stigmatized. In particular, disabled children living in poverty are among the most marginalized people on earth. They often live in isolation, excluded from their communities, as well as from the education system and healthcare. In areas where research and technology are not available, there are no explanations for conditions, which can lead to dangerous misconceptions about disability.

No child in Tanzania should live with a treatable disability. This is the vision of The Plaster House, a unique facility on the outskirts of Arusha for disabled children in need of corrective surgery and rehabilitation. The Plaster House was established in 2008 by Sarah Rejman, a compassionate former occupational therapist from Melbourne, Australia. Sarah started with \$1,000 in donations, a rented guesthouse and nine broken beds to care for 12 children. Today there are 80 beds and over the last 10 years, the facility has provided treatment and rehabilitation for at least 5,000 children up to the age of 18 years. The children come from families all over Tanzania who are very poor and most often from rural areas. Often for the first time in their lives, rehabilitated children have access to education in the center's classroom. In addition, a therapeutic feeding program is provided to the most malnourished children, to ensure they are strong enough for corrective surgery. The Plaster House asks that parents, or caregivers of the patients, contribute to the care they give. This brings a sense of ownership that changes the way the patient is perceived and received in the community. The Plaster House also oversees an outreach program to 30 villages, a program that works to change the perception of disabilities through education and increase the number of patients treated each year.



All images © The Plaster House

DONATE

\$10,000

could provide an annual salary of a member of therapy and nursing staff.

\$5,000

could purchase 500 branded uniforms.

\$2,000

could provide equipment for the kitchen as well as nursing and therapy departments. The kitchen prepares food for up to 200 people per meal. Cooking pots, melamine plates, cups and silverware are replaced annually. Walking frames and crutches are manufactured locally.

\$1,600

could cover the annual salary of a House Mother as most children stay at The Plaster House without their parents. House mothers provide all day-to-day care, including when a child is admitted to the hospital for surgery.

\$1,200

could cover the costs of a 10-day outreach trip, which is key to changing perceptions of children with disabilities.

\$800

could provide complete treatment, recovery and rehabilitation for a child with an orthopedic condition such as club foot or fluorosis. This includes a three-month stay at The Plaster House and all off-site medical expenses.

\$400

could provide treatment for a malnourished child in the therapeutic feeding program, which includes an inpatient stay for the child and mother, nutritional support and medical care.



ENGAGE

Take a tour of the facilities; accompany a home visit to a patient who has been treated through the program, or take part in a sporting or craft activity with rehabilitating children. Please note that visitors must comply with The Plaster House child protection policy, which includes taking no photographs of children in their care. There are no age restrictions.



ACHIEVEMENTS

- ★ 654 children were treated with ear, nose and throat conditions (73), as well as disorders such as fluorosis (70), club foot (67), burns (57), cleft lip and palate (47) and spina bifida (34).
- ★ Celebrated the build of a new 32-bed dormitory, an administration block and volunteer housing apartments.
- ★ Over 2,770 people were reached through a series of street theatre performances at eight local market places, aimed to educate people on the rights of children with disabilities and the available treatment at The Plaster House.
- ★ Employed 14 new staff members as housemothers, cleaning staff, security, groundskeepers, drivers and teachers.
- ★ A greenhouse and kitchen garden were established to enhance diets.

These were achievements from the 2018/19 year.

PAPER CRAFT AFRICA UGANDA

PROVIDING A SUSTAINABLE INCOME FOR DISADVANTAGED UGANDANS

Established in 2006, Paper Craft Africa is a community-based organization that aims to empower socially disadvantaged people in Wakiso District in Uganda. The organization was established with the help of Suni Magyar and Ralph Schenk, owners of Mihingo Lodge, to provide a sustainable income through the production and sale of handmade paper products. The organization is currently managed by Harriet Ritah.

The majority of Paper Craft's employees, who are predominately women, would otherwise find it almost impossible to secure a job to support their families. To date, Paper Craft have employed and paid 30 employees directly and over 20 indirectly through the supply of raw materials. Recycled paper products include calendars, bookmarks, notebooks and gift cards. Employees also make handmade soaps and recycled glass products, such as tumblers, flower vases, bowls and candle holders.

Furthermore, Paper Craft provides additional income to local farmers by purchasing elephant grass and banana fiber. They also buy pineapple tops which are considered to be waste and would otherwise be burnt, as well as collecting scrap paper from offices in Kampala. Paper Craft also organizes recycling awareness programs in schools. Students get to spend a day at the workshop and at the end of the day, take home a product made of recycled materials.



All images © Hannah Créaney



DONATE

- \$10,000**
could sign Paper Africa up to international fairs as well as cover air fares and accommodation.
- \$5,000**
could build a glass blowing house.
- \$2,000**
could buy a new pressing machine.
- \$1,200**
could buy three heavy duty paper cutters for the workshop.
- \$800**
could buy training materials for 10 women.
- \$400**
could educate a child for a year in primary education.



ACHIEVEMENTS

- ★ Provided accommodation to four employees who could not afford rent.
- ★ Trained over 200 students in the recycling of paper and glass.
- ★ Provided training to over 12 schools about paper recycling, reaching an audience of over 200 students.

These were achievements from the 2018/19 year.

ENGAGE

Visit the Paper Craft workshop on Entebbe Road, which is a 20-minute drive from the airport. Participate in the art of paper-making as well as process recycled glass into beads. You will also get the opportunity to see the fascinating process of glass blowing which turns waste glass into new products such as vases and candle holders.

RIDE 4 A WOMAN UGANDA

EMPOWERING LOCAL WOMEN IN COMMUNITIES SURROUNDING
BWINDI IMPENETRABLE FOREST NATIONAL PARK

On the outskirts of Bwindi Impenetrable Forest National Park, South West of Uganda, is a village called Buhoma. Located here is Ride 4 a Woman, an organization established in 2009 by Evelyn Habasa and her husband Denis Rubalema. Ride 4 a Woman exists to support local women struggling with issues associated with HIV, domestic violence and poverty.

Ride 4 a Woman began by renting bicycles to tourists in the hope of securing income to enable women to sign up to in-job training schemes and other revenue-generating activities. As the success of the scheme grew, there was the need for a full-time bike mechanic and a group of Australian travelers then assisted in the establishment of a sewing program.

More than 300 women from 11 surrounding villages visit or work at the organization's community center in Buhoma. The center provides an opportunity to learn new skills, such as pedal sew, weave baskets, as well as dance, sing and drum. Furthermore, Ride 4 a Woman oversees a microfinance program, enabling women to help themselves and support their families. Women who were perhaps without a job, or employed to dig fields all-day and every day to earn a very small wage, now have the chance to do more skilled work for a higher salary. To date, over 100 women are actively engaged with the microfinance program. Women are engaged in more than 10 different business initiatives, such as second-hand clothes stores, tailor-made dress making and the establishment of own restaurants. Success stories include Jonah Mbabazi, who is now the proud owner of the only community grocery shop in her village of Nyakatore, and Ruth Turyamureeba, who now offers a reputable

tailored-dress making service in Buhoma and surrounding villages.

A broad range of fabric products are sold to visitors from a shop in Buhoma. Products include cushion covers, iPad cases and handbags. Small decorative baskets, coasters and table mats are also available for purchase. All income from the shop supports the local women.

Ride 4 a Woman also oversees a child sponsorship program as another way to supports its members; enabling children to go to school and freeing women to focus on their skills and income prospects. Over 40 children are currently sponsored through the program.

In addition, during the early years of Ride 4 a Woman, the team witnessed the effects of water-borne diseases in the Buhoma community, including Cholera. In 2015, as a result of generous donations, investment in a new safe water initiative was established. Across the Buhoma community, six bio water filters and one electric powered filter were installed and 500 Jerry cans (robust liquid containers) were distributed. Today, over 150 liters of clean water are provided each day.

Ride 4 a Woman provide two guesthouses, Noel's Cottage and Mwebesa House. Noel's Cottage, alongside the Nyabubare Stream, is a three-bed cottage with a bathroom. Mwebesa House has eight-bedrooms, all with en-suite bathrooms. Both properties are traditionally decorated using products made on-site and from the women in Buhoma. There is also a restaurant with an open balcony. By staying in these properties, you will be helping to drive the local economy and support the progress of women and their families in Uganda.

DONATE

\$10,000

could establish a fully-equipped child care center.

\$6,000

could set up and run a training workshop in sewing, microfinance or agriculture for a year. This includes the annual salary for a trainer, all training materials, the provision of meals and transport for the women.

\$5,400

could sponsor the secondary education for one child.

\$5,000

could start and run a domestic violence program for a year, which includes the salary of a counselor to provide one-to-one support with victims, as well as training sessions with victims in order to develop a new skill to build their confidence.

\$3,500

could sponsor the primary education for one child.

\$2,000

could establish four sack gardens in 15 homes.

\$1,600

could train eight women in sewing skills.

\$800

could sponsor four women with microloans.

\$500

could sponsor the education of a child for one year.

\$400

could provide four water filters to be fitted in the homes of members of the Ride 4 a Woman community, thereby eliminating the need for the long walk of up to six kilometers (four miles) to the center to obtain safe drinking water.

All images © Sharon Hedges



ENGAGE

Wear traditional dress for the Bakiga tribe's most celebrated dances about happiness (one hour); cook dishes of the Bakiga tribe using own-picked vegetables from the gardens; make Kalo bread from locally grown mille; make a groundnut sauce, a national favorite, or create the local drink Obushera, made from sorghum, millet, honey and water (two hours). Seated on mats in the center gardens, you could also work with the Buhoma community of women to weave baskets from grass collected from Bwindi Impenetrable Forest (two to three hours). In the grounds of the center, learn how to pedal sew with the women of Buhoma, producing your own choice of product, such as a coin purse, a pillowcase dress or table napkins (two to three hours). In addition, help teach new craft skills, dig a family garden plot, build basic furniture for families with own-funded materials, such as a chair or table; hold surgery sessions on finance and budget management, or review and provide guidance on business plans. The minimum age for these activities is 12 years.

ACHIEVEMENTS

- ★ As of December 2019, Ride 4 a Woman's child sponsorship scheme has increased from 23 to 84.
- ★ Between March and July 2019, 54 women at the center were being trained and paid every day.
- ★ Between January 2018 and December 2019, 160 microfinance loans were provided to local village women.
- ★ From April 2018, started a dancing group to preserve the local culture.
- ★ In 2018, sponsored the education of 23 children.

THE CHIMPANZEE TRUST AND SANCTUARY UGANDA

CONSERVING AND PROVIDING CAPTIVE CARE FOR RESCUED CHIMPANZEES

Chimpanzees are listed as endangered on the IUCN Red List. Between 170,000 and 300,000 chimpanzees are left in the equatorial forests of Africa, about 5,000 of which can be found primarily in Uganda's Kibale National Park, as well as the Budongo and Kalinzu forests and Kyamburu Gorge. Chimpanzees are threatened by many human activities such as habitat loss through logging, mining and agriculture, as well as human-chimpanzee conflict, the bushmeat and illegal pet trades, poaching and infectious respiratory diseases.

The Chimpanzee Trust and Sanctuary at Ngamba Island are pivotal in chimpanzee conservation. Founded in 1998, the Trust has become a leader in chimpanzee-focused environmental conservation through research and surveys, the care and welfare of rescued chimpanzees, increased public awareness of broader conservation issues as well as in engaging with communities living alongside chimpanzee populations.

The Chimpanzee Trust care for 50 rescued chimpanzees on Ngamba Island, a 95-acre (38 hectares) forested island in Lake Victoria. The Sanctuary is a 45-minute boat trip from the city of Entebbe. Before their rescue, many chimpanzees, aged between two and 35 years, were orphaned, kept as pets and some used in circuses. The Trust care for the chimpanzees who are unable to be released back into the wild, providing them with a safe haven in an environment similar to their natural habitat. It costs an average of \$270,000 a year to maintain the Sanctuary, which includes food and veterinary care, as well as operational and facility maintenance costs. The chimpanzees are fed mainly porridge, fruits and cabbage, a supplement to the termites and natural vegetation they eat in the forest on the Island. A visit to the Sanctuary will deepen your understanding of this remarkable species and the importance of conserving their fragile forest habitat.



© Ivana Tacikova



DONATE

\$48,000

could provide an external high-security enclosure for two chimpanzees that have remained indoors for more than eight years.

\$45,000

could extend the fence line by 130 meters, preventing chimpanzees from escaping the forest.

\$18,000

could cover the operational costs for one month, to pay 38 staff, insurance,

medical supplies and procedures, Sanctuary maintenance and field operations for the wild chimpanzee protection and habitat restoration program.

\$16,500

could cover the costs of transporting chimpanzee food for a year.

\$4,500

could buy fruits, vegetables, maize meal, millet flour, soya and eggs for 50 chimps for one month.

\$2,500

could enable 25 school outreach visits. Each school outreach targets 400 students.

\$2,400

could pay the annual salary of a caregiver.

\$1,600

could construct an eco-stove that will be used to prepare food for the chimpanzees and staff.

\$800

could plant indigenous trees in one hectare of land (2.5 acres) to conserve the chimpanzee habitat.

\$400

could provide nine energy-saving stoves for the private forest owners in Hoima District.

© The Chimpanzee Trust and Sanctuary



© Suzi Eszterhas / Minden Pictures

ENGAGE

Assist a veterinarian with routine healthcare check-ups. The minimum age is 16 years. Prepare food for the chimpanzees and assist with feeding. Record chimpanzee health and behavior. Help create chimpanzee enrichment activities such as puzzle feeders. Assist with children education workshops. Monitor other wildlife species such as the spotted-necked otter. Participate in education outreach in neighboring Island communities and in Hoima District.

ACHIEVEMENTS

- ★ Treated 19 Ngamba chimpanzees with bite wounds, five with bacterial infections, 40 with viral infections and two with fungal infections. The number of medical cases have decreased on the previous year.
- ★ Implemented a project to conserve rivers within Bugoma Forest Reserve. Contracts were signed with 124 farmers who have committed 311 hectares of land (770 acres) for better land management. The Chimpanzee Trust have re-energized two community forest groups, training leaders in river water conservation. Water quality has also been analyzed.
- ★ In collaboration with the Uganda Wildlife Authority (UWA), held 50 community awareness meetings in Kagadi and Hoima districts.
- ★ Carried out hygiene, health and sanitation competitions in four fishing villages (Kimi Island, Kipapale, Myende and Zingola). Village action plans were developed to address these issues. Zingola was the winning village, receiving building materials for the construction of a community toilet.
- ★ A sports event was organized with four parishes on Koome Island to raise awareness of waste management and pollution in Lake Victoria.
- ★ Organized quiz competitions with 10 primary schools and nine secondary schools in Kasese, eight primary schools and 10 secondary schools in Jinja, as well as eight primary schools and eight secondary schools in Hoima.

These were achievements from the 2018/19 year.

CHIPEMBELE WILDLIFE EDUCATION TRUST ZAMBIA

CREATING AFRICA'S YOUNG CONSERVATION LEADERS

More than 60 percent of the population in Zambia live in rural areas and as a result, derive their livelihood from their surroundings. Due to poverty and demand, elephant poaching for ivory in South Luangwa National Park is frequent and an increasing number of hyenas, wild dogs and lions are caught in snares meant for antelope and warthog that are consumed or sold on the market. This puts enormous pressure on wildlife survival. Equally, wildlife is affected by little political will, as well as habitat loss through human encroachment and agriculture, to meet the needs of a growing human population.

Education is key to changing local attitudes toward wildlife conservation and protecting the environment. However, mainstream subjects in schools are favored over environmental education programs. If children do not learn about the environment then they do not feel empowered to make changes, nor understand its value in enriching their lives and its economic benefits through tourism. Despite only living a few kilometers from the National Park, many children have never been inside and the only animals they see are the ones with which they have conflicts, such as the elephant and baboon.

For more than 20 years, Chipembele Wildlife Education Trust has been educating and empowering children of Zambia's Luangwa Valley through its conservation clubs and Community in Nature interactive outdoor education programs. Chipembele is a local word for rhino, a species that thrived in the Valley during the 1970s but by the early 1990s had disappeared as a result of poaching.

All images © Edward Selfe

The hub of the organization lies in the grounds of Mfuwe Secondary School. Here there is a classroom, student resource room, staff training room, administrative offices, a botanic garden (where children plant and care for seedlings) and a computer room. Students also participate in litter collection so that they learn to care more for their environment. On Fridays, students participate in a program run in partnership with the Zambian Carnivore Program (ZCP) where they collect data and learn about ecology on field trips in the National Park. In addition, they build skills in leadership, teamwork and communication on a three-day camping excursion, called Nature Nights. Every year there is a student-led environmental campaign in the community.

Addressing gender equality, Chipembele leads a gender awareness program. They also run an outreach program, which assembles community groups with presentations and discussions about conservation topics. In addition, Chipembele organizes an annual all-day event in late September called 'Chikondwelero', meaning celebration in the local language, which brings together around 400 students from 18 schools for drama performances, sports, live music and dancing.

Education programs at the Chipembele Conservation Center are led by the charity's dedicated founder, Anna Tolan. The Center is located next to the Luangwa River and comprises a classroom, library and an internationally acclaimed Discovery Room. Anna runs a full-day education program twice a week for seven local schools.

DONATE

\$22,000

could cover all operational costs for a month.

\$10,000

could pay for 50 groups of 20 students, from seven local schools, to attend the Chipembele Conservation Center for an all-day educational experience concerning wildlife and conservation.

\$5,000

could enable one Community Conservation Educator to run a daily program of conservation programs in

schools and communities for a year.

\$2,000

could cover the cost of an annual student-led environmental campaign in the local community.

\$1,600

could pay for the annual cost of certificates, badges and prizes for 960 students.

\$1,200

could pay for 15 students from 31 school

conservation clubs to go on a field trip each year in South Luangwa National Park.

\$800

could pay for two groups of eight students to participate in a three-day camping expedition, Nature Nights, developing life skills and learning about nature close-up.

\$400

could cover the cost of maintaining the Chipembele Botanic Garden for a year.



ENGAGE

Engage with students for combined activities about wildlife and the natural environment at the Chipembele Conservation Center. Activities may include a natural history treasure hunt, a quiz in the Discovery Room, poster making and word games. There will be opportunities to talk about your professions and even lead short sessions on conservation-related themes if you have a particular interest. There are no age restrictions.

ACHIEVEMENTS

- ★ Chipembele Education Team taught in 31 school Conservation Clubs.
- ★ 640 school children were taught by the Education team each week.
- ★ Annual environmental campaign was focused on plastic waste, entitled 'No Plastic for a Healthy Mfuwe'.
- ★ Ran four Nature Nights camping excursions, each for eight students and one teacher.
- ★ Camera Club met once a week. A photographic exhibition of students' work was held over three months.
- ★ A ground-breaking conservation student exchange program was facilitated between Chipembele and Zoos South Australia in 2018/19. In June 2018, welcomed seven students to Mfuwe and in April/May 2019, three members of Chipembele staff escorted 14 top-performing conservation students to Adelaide, Australia.
- ★ In September 2019, held the third Chikondwelero celebration of nature event. This brought together 330 students from 19 schools and 22 school Conservation Clubs.
- ★ 524 community conservation education sessions were carried out across Mnkhanganya, Nsefu, Kakumbi and Mfuwe Central zones. A total of 7,054 people attended. Attendance increased by 27 percent on numbers in 2018.
- ★ 10 Mobile Education Unit Outreach trips were conducted carrying out 18 community meetings and 18 school visits.
- ★ 19 all-day sessions were facilitated by Anna Tolan, Director. These involved seven local schools, registering a total attendance of 380 students, with 195 boys and 185 girls.
- ★ 65 students were sponsored through the Student Sponsorship Scheme.

These were 2019 achievements.

ZAMBIAN CARNIVORE PROGRAM ZAMBIA

PROTECTING CARNIVORES AND HERBIVORES IN THE LUANGWA VALLEY AS WELL AS GREATER KAFUE AND LIUWA ECOSYSTEMS

Due to poverty, as well as regional and international commercial demand, bushmeat poaching using wire snares continues to pose one of the greatest threats to Africa's large carnivores. The impacts of snaring are widespread: not only do the snares impact prey populations, but they also result in the bycatch of wild dogs, big cats and hyenas. Snaring has also been found to play a significant role in the growing trade of big cat skins, bones and body parts.

A central element to the work of the **Zambian Carnivore Program (ZCP)** is their collaborative anti-snaring program, working with local and international partner organizations and institutions. Logging over 3,000 person-days in the bush each year, over 36,000 square kilometers (14,000 square miles), field teams intensively monitor approximately 1,000 individually identifiable large mammals across seven national parks and surrounding GMAs. However, intensive studies are carried out across three main ecosystems: the Luangwa Valley, Greater Kafue Ecosystem and Greater Liuwa Ecosystem. Within these areas, ZCP has a three-pronged approach: Conservation Science, Conservation Action and Conservation Capacity. ZCP provides science-based evaluations on topics such as demography, genetics, predator-prey dynamics, poaching and human encroachment. In addition to its anti-snaring program, ZCP supports anti-poaching and land-use planning

initiatives, as well as disease mitigation from domestic animals and where necessary, species re-introduction. To help ensure sustainability of these efforts, ZCP invests heavily in developing Zambian leadership, helping current and future conservationists reach their potential through a variety of empowerment programs beginning at primary school level up through international graduate degree programs. Primary and secondary school Conservation Club students conduct adventure-based learning through their field research with ZCP. There is an array of training programs including a Women in Wildlife Conservation Program, a Conservation Biologist Training Program as well as a Wildlife Vet Training Program. There are also community engagement and outreach programs, as well as events such as the annual soccer tournament and community fun run, held in conjunction with Conservation South Luangwa (CSL). Lastly, numerous Zambian professionals have earned Masters and PhDs from top international institutions through their work with ZCP.

The Luangwa Valley contains the country's largest carnivore populations; Greater Kafue is a carnivore stronghold and contains Zambia's largest cheetah population and Greater Liuwa contains recovering populations of all carnivores as well as Africa's second-largest wildebeest migration.



© Time + Tide King Lewanika



DONATE

\$120,000

could cover the annual operational costs in the Luangwa Valley, Kafue or Liuwa Plain.

\$25,000

could replace an aging field vehicle with a new Land Rover or Cruiser.

\$20,000

could fund a field-based Zambian veterinarian for a year.

\$10,000

could pay for a season's worth of car parts and repairs for a fleet of four Land Rovers, or pay for three months of aerial tracking for carnivores.

\$3,600

could cover the annual costs of fuel for education and outreach work.

\$3,000

could fund darting drugs for a season to immobilize carnivores for collarings or de-snarings.

\$2,200

could buy one satellite carnivore collar.

\$1,200

could buy a new set of tyres for a Land Rover, which is an important annual requirement.

\$800

could fund a tracking receiver for conservation work on large carnivores, or provide a new field tent for camps and crews.

\$400

could fund a trainee in the Conservation Biologist Training Program or Women in Wildlife Training Program for one month; or provide one tracking antenna for conservation work on large carnivores.

\$200

could cover the cost of de-snaring a carnivore, which includes the immobilization drugs as well as veterinary and field costs, or it could provide one pair of binoculars.



LUANGWA VALLEY ACHIEVEMENTS

- ★ Monitored 181 wild dogs in 21 packs and dispersing groups across 12,000 square kilometers.
- ★ Monitored 201 lions across 19 prides and 18 coalitions.
- ★ A newly-implemented lion conflict mitigation program in the Luangwa with the Department of National Parks and Wildlife (DNPW) and Conservation South Luangwa (CSL) assumed greater importance due to increased conflict between lions and people.
- ★ Completed an eighth year of camera-trap based studies in the Luangwa's leopard stronghold, conducting work on leopards, their prey and competitors.
- ★ Completed an eighth year of bi-annual herbivore surveys across SLNP and the adjacent Game Management Areas (GMAs).
- ★ Published first analysis of the impacts of human and ecological factors on herbivore densities and distribution.
- ★ Continued long-term demographic studies of the geographically-isolated Luangwa giraffe population, co-authoring a paper on giraffe populations continent-wide.

KAFUE ACHIEVEMENTS

- ★ Completed a ninth year of work on cheetah conservation, with 31 individual cheetah monitored through a combination of intensive fieldwork and collaborative citizen science programs.
- ★ Completed a ninth year of wild dog conservation work, monitoring 89 dogs in seven packs in an intensive study area of Northern and Central Kafue as well as 119 in 21 packs throughout the Greater Kafue as part of a collaborative citizen science program with DNPW, Panthera, safari operators and guides.
- ★ Began analysis of wild dog demography and the human and ecological factors affecting them, with the first results from this population stronghold expected in 2020.
- ★ Completed an eighth year of long-term lion conservation in the Greater Kafue. Intensively monitored 110 lions in 17 prides and 18 coalitions across Northern and Central Kafue and expanded work in the GMAs bordering the park.
- ★ Completed eight seasons of camera-trap based work on leopard in Northern and Central KNP, while also collecting data on competing predators, prey and mesocarnivores.
- ★ Currently have 93-recorded individual leopards.



© Daan Smit

ENGAGE

Assist the field team with tracking, monitoring and data collection of carnivores and herbivores. Meet a member of the senior field staff to find out more about the work of ZCP. In Kafue, field staff have a seasonal camp at Tree Tops, located close to the Busanga Plains, and a main base-of-operations next to Mukambi Lodge. In Liuwa, the ZCP field team is based next to the Time + Tide King Lewanika Lodge. Schedule dependent, it may be possible to set camera traps in Kafue and in both parks, visit Conservation Clubs at local schools to assist students in learning key skills in computer literacy and English writing.

LIUWA ACHIEVEMENTS

- ★ Completed a decade of work on Liuwa's apex predator, the spotted hyena. Intensively studied 284 hyena in 11 clans across 6,000 square kilometers.
- ★ Continued a tenth year of cheetah conservation work in the GLE, intensively monitoring 19 cheetah across the national park and the Upper Western Zambezi GMA corridor between Liuwa and Angola. Collected survival, reproduction and spatial data to understand the dynamics of this population. This work was greatly facilitated by satellite/GPS collar technology and a year-round field effort that logged 1,138 person-days.
- ★ A positive year for Liuwa cheetah, with five female cubs successfully surviving to dispersal age and splitting off to seek out home ranges and mating opportunities.
- ★ Documented over 250 cheetah hunts and over 100 kills by cheetah groups.
- ★ Together with African Parks, DNPW and WWF-Zambia, launched the first Predator Management Plan for the Liuwa Plain, which helps guide restoration objectives and actions for wild dogs and other species.
- ★ In September, interviewed 774 community members to explain the concept of the Liuwa Predator Management Plan.
- ★ Completed an eighth year of wildebeest work, monitoring 43 collared adult cows and their calves throughout the year to collect survival, reproduction, habitat selection and migration data.

OTHER ACHIEVEMENTS

- ★ 44 lions were de-snared in the Luangwa and Kafue ecosystems.
- ★ Completed the first analysis of trafficked lion skins.
- ★ Conducted 56 programs to 285 primary and secondary school students across all three sites.
- ★ Held the fourth-annual Carnivore Conservation Cup soccer tournament across four Chiefdoms.
- ★ Continued a training program for seven Zambian wildlife veterinarians and veterinary nurses across all sites.
- ★ Sponsored the education and training of four DNPW Wildlife Police Officers.

These were 2019 achievements.

AFRICAN BUSH CAMPS FOUNDATION ZIMBABWE

REDUCING HUMAN-WILDLIFE CONFLICT AND CREATING OPPORTUNITIES TO EMPOWER COMMUNITIES

Since its establishment in 2006, the African Bush Camps Foundation has partnered with rural communities on the borders of national parks in Zimbabwe, Botswana and Zambia to contribute to a multitude of projects to improve the lives of local people through education and healthcare, as well as to promote the value of wildlife and healthy ecosystems.

Mambanje Community, Hwange National Park

Efforts to reduce human-wildlife conflict are evident in Mambanje, a remote rural community on the border of Hwange National Park. Depredation of livestock by lions represents a significant financial loss to a family and can lead to retaliatory killings of lions, contributing to population decline. In response, the Hwange Lion Research Project, overseen by the Wildlife Conservation Research Unit (WildCRU) of Oxford University's Department of Zoology, developed the idea of 'lion-proof' mobile cattle bomas. These bomas, made of PVC material, protect livestock from predators at night and at the same time function to fertilize the soil thereby improving crop yields for greater food security and reducing retaliatory killings of lions. Since 2016, the Foundation has installed four bomas in the Mambanje area. They would like to establish further bomas, as well as support cattle owners through a complementary health program, offering vaccinations and healthcare for participatory cattle owners. This initiative works alongside the Long Shields Lion Guardians Program. Lion Guardians are given the tools they require to warn villages when lions are in the vicinity, to assist with livestock protection by improving herding practices and bringing cattle to bomas as well as to consult on the design and maintenance of livestock enclosures. Lion Guardians are an essential link between communities and conservationists. Since these programs were initiated in 2016, there has been an increase in yields of more than 30 percent and incidents of livestock predation has decreased by more than 90 percent.

All images © African Bush Camps Foundation

In addition to human-wildlife conflict mitigation projects, the Foundation supports income-generating projects as well as local schools through improved infrastructure and resources, capacity building and scholarship support of orphaned and vulnerable children. An innovative, cross-cutting project provides children and their families with an indigenous female goat to rear and provide care. The sale of their offspring then empowers families to pay for their children's school fees.

Another area of support in the realm of education is the provision of improved facilities for Early Childhood Development (ECD) classes in Hwange National Park. An age-appropriate ablution block will be built to improve health and sanitation in an area where diseases such as cholera are prevalent. The Early Childhood Development area will also be fenced to protect young children from wild animals.

Mola Community, Bumi Hills

In 2020, the Foundation began replicating the successful Mambanje mobile boma and cattle health program, as well as the Lion Guardians program, in the Mola Community in the Bumi Hills area.

There is the opportunity to fund the construction of two classroom blocks at Kauzhumba Primary School in a Tonga village. This would help to raise the standards of education resources for children in this historically disadvantaged area. A further difference can be made for the classrooms by packing supplies such as stationery, deflated soccer balls and educational books.



DONATE

- | | |
|--|--|
| \$40,000
could build and furnish a two-classroom block at Kauzhumba Primary School in Bumi Hills. | \$1,600
could equip an anti-poaching scout with field and safety kit. |
| \$12,500
could cover the cost of building a classroom. | \$1,200
could purchase a lion-proof mobile cattle boma or buy 60 meters of fencing to keep the children safe. |
| \$10,000
could cover the costs of sinking a borehole to provide clean water for a community, including agricultural and livestock needs. | \$800
could purchase a 5,000-litre water storage tank to support livestock and agriculture in the dry season or buy 200 meters of piping to bring children fresh water. |
| \$5,000
could support and equip a village lion guardian for a year. | \$400
could purchase eight female goats as part of the Goats for Education Project, thereby putting eight students through primary school in Mambanje or buy one toilet and basin. |
| \$2,000
could furnish a classroom with desks and chairs. | |



ENGAGE

Tour Umtshibi Pre-School, Main Camp Primary School, and/or Mambanje Primary School, visit Main Camp Primary School's Early Childhood Development Class and hear from their teacher as to how they are overcoming challenges of providing ECD education in a remote place. Meet with a local Lion Guardian to learn about the multi-faceted Mobile Cattle Boma Project, Lion Guardian and Animal Health Initiatives. Interact and help create unique pieces with women from the Vukani Bead Making Project and Thandanani Sewing Project. Meet a family caring for a goat as part of the Goats for Education Program.

ACHIEVEMENTS

- ★ Introduced a multi-purpose Goats for Education project, which supports holistic livestock and land management practices, as well as addressing access to education limits within the community.
- ★ 67 female goats were purchased and 32 reproduced.
- ★ Refurbished Umtshibi Pre-School with furniture and Montessori learning equipment.
- ★ Worked with Detema Secondary School to furnish their Science Lab with furniture, projector and equipment, a requirement for students to receive high-school certification.
- ★ All Mambanje Primary School students, from grades four to seven, were given solar lighting to increase study time at home.
- ★ Supported 107 student scholarships at Hwange Main Camp and Mambanje Primary Schools.
- ★ At least 12 representatives from the Mambanje community attended two permaculture training sessions, with a focus on water harvesting, crop diversity, land regeneration and pest control.
- ★ 63 fruit trees were planted in Mambanje Primary School's tree orchard initiative.
- ★ Six previously established income-generating projects were supported in the Dete area, including two sewing clubs, a tuckshop and an upcycling jewelry-making group.

These were achievements from the 2018/19 year.

MOTHER AFRICA TRUST ZIMBABWE

PROVIDING CARE FOR THE DISADVANTAGED ELDERLY ON THE BORDER OF HWANGE NATIONAL PARK

An aging population was once mostly a concern of developed countries but in recent years it has become an increasing issue in developing countries, where poverty, health provisions and social exclusion are the major challenges facing older persons. The elderly are more likely to experience chronic conditions, physical degeneration and frailty as a result of the aging process.

In Zimbabwe, there is a lack of resources and social support services for the welfare of the elderly. Interpersonal losses such as family, physical health and a familiar environment threaten the fulfillment of their daily needs and life satisfaction.

Since 2006, Mother Africa Trust has been supporting sustainable projects that will improve the living conditions and the economic status of disadvantaged communities in Zimbabwe. Since 2009, the Trust has been supporting Dete Old Age Home. Originally started by the Catholic Church in 1987, Dete Old Age Home remains the only place in the wider Hwange area for the elderly without family who are unable to look after themselves. As of September 2019, 18 people live in the Old Age Home and many more are supported in their own homes. Today, as a result of efforts by Mother Africa Trust, Dete Old Age Home has a vegetable garden as well as improved health and living conditions. The Trust continues to provide sustainable support in the form of clothing, medication, food and provision of technical expertise. Many of the residents work in a neighboring field, cultivating maize, and many of the women weave baskets and men create wood carvings.



All images © Violette Kee-Tui



DONATE

\$10,000
could cover annual salaries for five staff members taking care of the elderly.

\$5,000
could purchase 40 blankets, 40 bedding sheets and 20 mattresses.

\$2,000
could cover annual bills for specific medical procedures and purchase of four wheelchairs.

\$1,600
could provide annual maintenance of the borehole,

washing machine, solar geysers and the purchase of basic clothing for the elderly.

\$1,200
could help purchase supplementary food groceries, toiletries and payment of electricity bills.

\$800
could cover operational fuel and vehicle servicing for a year.

\$400
could buy monthly medical drugs.



ACHIEVEMENTS

- ★ Provided care meals for six months.
- ★ Paid staff salaries for eight months.
- ★ Fixed borehole and supplied a 5,000-litre water tank.
- ★ Provided 20 pairs of shoes.
- ★ Installed two solar geysers.
- ★ Replaced an old boundary fence.

These were 2019 achievements.

ENGAGE

Share stories over morning or afternoon tea with the residents; join residents for sewing, craftwork and woodwork; take part in building or grounds maintenance, or assist with activities in the vegetable garden and kitchen. The minimum age is 16 years.

PAINTED DOG CONSERVATION ZIMBABWE

CONSERVING THE ICONIC PAINTED DOG IN ZIMBABWE

The African Painted Dog (also known as the Wild Dog, Painted Wolf or Cape Hunting Dog), is red-listed as endangered with a declining population trend. It is estimated that there are fewer than 7,000 left, restricted to a few isolated areas in 12 countries in Sub-Saharan Africa. The main threats to its survival include habitat loss and fragmentation, retaliation killings from people whose livelihoods depend on livestock, den disturbance, road traffic accidents, incidental capture in snares set for other species and viral diseases from domestic dogs, such as rabies and distemper.

In Zimbabwe, there are thought to be 700 painted dogs. Hwange National Park and Mana Pools National Park in the Middle Zambezi Valley are two of the last strongholds for painted dogs in the country. In 2019, it was estimated that there were more than 400 painted dogs within these areas - 193 adults in 32 packs in Hwange and 229 adults in 24 packs in the Mid-Zambezi including Mana Pools.

Established in 1992 and led by conservationist Peter Blinston, Painted Dog Conservation (PDC) delivers many successful programs to protect the iconic Painted Dog in and around Hwange and Mana Pools. Conservation, education and community engagement are important elements of PDC's work and nearly 70 people are employed from the local villages. Conservation efforts include a dedicated anti-poaching unit, a rehabilitation facility for treating injured and orphaned painted dogs before returning them to the wild as well as daily monitoring of packs, which includes data collection from radio collars to understand ranging behavior and screening for disease through the capture and analysis of DNA samples.

In addition, PDC has established projects and programs that directly benefit the local community, such as the renowned Iganyana Children's Bush Camp, Visitor Center, collaborative art projects, conservation clubs and community gardens. PDC also visit schools bordering Hwange National Park and has created nutritional gardens with irrigation systems next to boreholes established by PDC.

Over the next three years, PDC would like to develop an education program in Mana Pools and incorporate more schools in their Bush Camp program.



All images © Nick Dyer

DONATE

\$30,000

could cover three months of anti-poaching operations.

\$12,000

could construct a borehole.

\$10,000

could support monitoring and research work in Mana Pools for a season.

\$5,000

could pay for annual maintenance of the rehabilitation facility.

\$3,000

could pay for a class of 45 children to attend the Bush Camp.

\$2,400

could provide 16 rangers with vital field kits, such as tents and water bottles.

\$1,600

could support staff and conservation club education program activities for a month.

\$1,200

could support Jealous in the field monitoring painted dogs for a month.

\$800

could buy an retro-reflective collar for a painted dog.





ENGAGE

If the opportunity arises, assist with the collaring of a painted dog. You could also track the dogs, join anti-poaching units, set camera traps, participate in Bush Camp activities (such as game drives with children); create crafts in the Iganyana Arts Center, or visit community projects and conservation clubs.

ACHIEVEMENTS

- ★ 759 anti-poaching patrols carried out.
- ★ 2,462 snares removed.
- ★ 18 poachers arrested.
- ★ 23 free camps conducted, including the new Mpindo Primary School.
- ★ 60 percent passrate at Grade 7 for schools benefiting from PDC's Happy Readers program.
- ★ 782 students hosted at Bush Camp.
- ★ 48 Conservation Club visits.
- ★ 128,000 is the additional population now covered by PDC healthcare program in remote Binga District.
- ★ More than 250,000 benefited from the PDC HIV/AIDS Healthcare program.
- ★ PDC's donated ambulance 'Mashambo', the only ambulance under Hwange Rural District Council, attended 266 pregnant mothers, attended 47 road transport accidents and carried out 491 patient transfers.
- ★ Dedicated staff members Belinda and Lephias received international recognition for their work.

These were 2019 achievements.

VICTORIA FALLS WILDLIFE TRUST ZIMBABWE

FINDING SUSTAINABLE SOLUTIONS TO HUMAN-WILDLIFE CONFLICT IN SOUTHERN AFRICA

The coexistence between humans and wildlife across Africa has led to human-wildlife conflict due to competition for limited natural resources. Conflicts are intensified in regions such as Victoria Falls, where dense populations live near to wildlife and where livestock holdings and crop fields form a significant part of rural livelihoods. Therefore, there is a need for communities to adopt conservation-based behaviors to live more harmoniously with wildlife.

Conserving wildlife and natural ecosystems in the Victoria Falls region is the Victoria Falls Wildlife Trust (VFWT), established in 2008 by conservationists Gavin and Shay Best. VFWT rehabilitates injured or orphaned wildlife, establishes anti-poaching initiatives, provides veterinary assistance and carries out community outreach and training activities.

VFWT are frequently called to rescue wildlife trapped in wire snares for bushmeat and to rehabilitate animals that have been confiscated from illegal trafficking operations. The Trust also uses scientific solutions to combat commercial wildlife poaching. VFWT undertakes a range of research projects, including iconic species of lion, elephant, rhino and vulture. VFWT works with conservation stakeholders to assist in maintaining and growing the populations of black rhino and southern white rhino. Samples are taken from every rhino that is immobilized so that the general health of each individual can be assessed and DNA extracted to use in their rhino genetics project. In addition, four species of vulture found in Zimbabwe are deemed endangered or critically endangered. Vultures are fundamental to the ecosystem in disposing of dead animals that would otherwise be a breeding ground for diseases. An increasing number of vultures are being poisoned and seen at the rehabilitation center.

Working with people so that they understand the benefits of wildlife is also an important part of the Trust's work. VFWT brings approximately 20 children from local school environmental clubs to its facilities every week. The children meet their wildlife ambassadors, wildlife that are unable to be released into the wild, such as Judge the vulture.

Furthermore, the VFWT laboratory tests for animal diseases to determine what diseases are circulating in different species of wildlife and domestic animals. It is one of the only wildlife veterinary laboratories in the region and used by many African countries to assist with prosecutions.

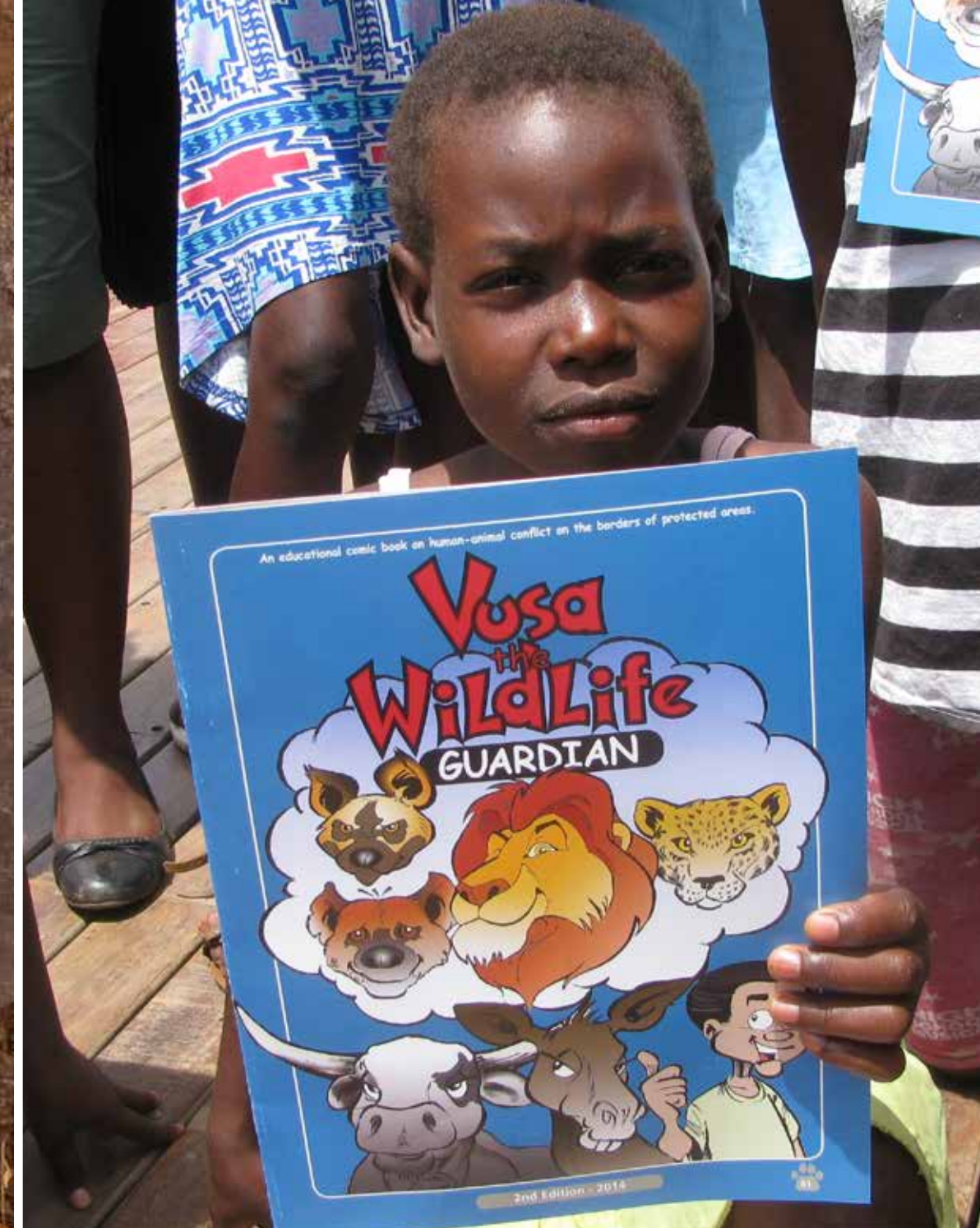


All images © Victoria Falls Wildlife Trust



DONATE

- \$90,000**
could maintain the laboratory for a year, including salaries for technicians and veterinarians, as well as forensic activities.
- \$25,000**
could build a mobile aviary for ringing and tagging vultures and a rehabilitation aviary for injured vultures returning to the wild.
- \$10,000**
could provide a three-day training course for 26 investigators and police to combat illegal wildlife crime. This excludes equipment as this is sourced externally.
- \$5,000**
could provide one satellite collar for a lion or elephant as well as two years of monitoring and support.
- \$3,500**
could purchase one mobile predator-proof enclosure to protect 250 livestock from carnivores for three years.
- \$2,000**
could pay for vaccination costs of preventing rabies in more than 1,000 dogs.
- \$1,600**
could sponsor a local school eco-club for one year, including activity supplies.
- \$1,200**
could provide nine months' worth of food for a rescued vulture.
- \$800**
could pay for the immobilization, ear-notching, microchipping and protection of one endangered rhino.
- \$400**
could pay for 20 school children to have a full-day of conservation education interaction, which includes lunch, transport and all educational materials.



ENGAGE

View the rehabilitation center at Wild Horizons Elephant Camp as well as the disease and forensics laboratory. Meet a team of community guardians that help protect livestock and see predator proof mobile bomas. If the opportunity arises during May to November, track and immobilize a lion to deploy a collar. Or, help with vulture population research by locating nest sites. Maximum of four guests and minimum age of eight years. Please contact us for more information. Spend a day in the field to assist with rabies vaccination and sterilization campaigns, available in July only with a maximum of four guests and minimum age of 15 years. Participate in VFWT's conservation education program, held on Fridays during school term from 09.00 to 14.00 hours with a minimum age of eight years.

ACHIEVEMENTS

- ★ Opened a new wildlife high-care rehabilitation center, with laboratory and enclosures.
- ★ Completed the first forensic species identification case using DNA analysis of confiscated meat to identify poached bushmeat. Nearly 200 skin, blood and tissue samples were tested for disease, pathogens and forensics.
- ★ Rehabilitated and released four pangolins, as well as tawny eagle, monitor lizard, tortoise, vulture, kite and smaller avian species.
- ★ De-horned, microchipped and ear-notched 53 rhino with a unique identification number, which helps anti-poaching scouts to locate individuals for security purposes.
- ★ Translocated two male black rhinos to a protected reserve in Zambia.
- ★ Provided five smartphones for community guardians to use for data collection on carnivore and elephant conflict.
- ★ Visited four countries to train 60 rangers in first-responder actions for disease prevention and wildlife crime scene investigations.
- ★ Vaccinated more than 1,000 domestic dogs and cats to prevent the spread of disease.
- ★ Completed a four-year baseline vulture nest survey.
- ★ Deployed five predator-proof mobile bomas in rural areas and as a result, no livestock residing in the bomas at night have been killed.
- ★ More than 1,100 children from 32 schools were taught about natural history, endangered species conservation and co-existence as part of an education program.
- ★ Immobilized and removed snares from more than 30 mammals, including buffalo, rhino, elephant, giraffe, warthog and antelope.

These were achievements from the 2018/19 year.

AFRICAN PARKS

PROTECTING PEOPLE AND WILDLIFE
ACROSS VAST PARKS OF AFRICA

African Parks was founded in 2000 in response to the dramatic decline of protected areas due to ineffective management and lack of funding. African Parks takes on the complete responsibility for the rehabilitation and long-term management of national parks and protected areas in partnerships with governments and local communities. Their aim is to rehabilitate each park, to ensure that they are ecologically, socially and financially sustainable long into the future, for the benefit of local people and wildlife.

As of February 2020, African Parks has 17 parks under management in 11 countries. With a further three parks in the pipeline, African Parks aims to manage 20 parks by the end of 2020, the year of their 20th anniversary. The national parks are Iona in Angola; Pendjari in Benin; Chinko in Central African Republic (CAR); Ennedi, Siniaka Minia and Zakouma in Chad; Garamba in the Democratic Republic of Congo; Liwonde, Majete, Mangochi and Nkhotakota in Malawi; Bazaruto in Mozambique; Odzala-Kokoua in the Republic of Congo; Akagera in Rwanda; Bangweulu and Liuwa Plain in Zambia, and Matusadona in Zimbabwe. The total area managed covers over 13 million hectares (more than 50,000 square miles) and represents nine of the 11 ecological biomes in Africa. This is the largest and most ecologically diverse amount of land protected for any one NGO on the continent.

We encourage you to support African Parks to bring back species from the brink of extinction, improve local livelihoods, secure vast functioning ecosystems and change the fate of many people across the continent. All park fees go back into managing the parks as well as in the support of local community as a whole.



Majete Wildlife Reserve, Malawi © Marcus Westberg



DONATE

African Parks has a range of needs for all levels of support and given the diverse nature of their work, there are many opportunities. Please contact us to discuss in further detail.

© Kyle de Nobrega



Ennedi National Park, Chad © Brian Meier

ACHIEVEMENTS

- ★ Together with Ezemvelo KZN Wildlife, WWF South Africa, and Malawi's Department of National Parks and Wildlife (DNPW), successfully moved 17 black rhinos from South Africa to Liwonde National Park. This was the largest ever airlift of black rhinos requiring the charter of a Boeing 747. Unfortunately, two died a week after their release due to conflict with other mammals but the translocation was a success and the rhino population is doing well.
- ★ Five cheetahs made a historic return to Majete Wildlife Reserve, donated by Welgevonden, Samara, Dinokeng and Madikwe game reserves in South Africa.
- ★ 199 buffalo were translocated from North Luangwa National Pak to Bangweulu Wetlands and six new calves were spotted by the end of the year.
- ★ Five Eastern black rhinos from Safari Park Dvr Králové in the Czech Republic were introduced to Akagera National Park.
- ★ The Kordofan giraffe population in Garamba National Park increased to 58 individuals in 2019, up from 22 in 2012.
- ★ A bird survey in Zakouma National Park, conducted by the International Crane Foundation, counted 14,000 Northern black crowned cranes, the highest number of cranes ever recorded in one place.
- ★ Akagera's wildlife populations increased from 12,000 in 2017 to 13,500 in 2019.
- ★ A roan antelope was captured via camera trap in Nkhotakota Wildlife Reserve for the first time.
- ★ Five elephants and eight Kordofan giraffe were collared in Zakouma; 25 elephants and 11 lions in Pendjari; 11 elephants in Odzala, and another 14 were collared in January 2020.
- ★ Raised \$200,000 for relief efforts in Bazaruto Archipelago National Park, following devastating destruction from Cyclone Idai in March 2019. African Parks deployed a helicopter, two boats and 13 rangers, five of whom had advanced medical training, to bring aid and assistance to isolated settlements.
- ★ In response to the worst drought on record in Liuwa Plain, provided maize meal to 600 vulnerable families over six months, including more than 3,600 people.
- ★ Announced a new partnership with Americares to improve healthcare centers serving nearly 100,000 people living around Liwonde and Majete.

These were 2019 achievements.



Little Green Bee-eater in Zakouma National Park, Chad © African Parks

EXCELLENT DEVELOPMENT

PROMOTING SAND DAMS AS A SOLUTION TO WATER AND SOIL CONSERVATION

Excellent Development supports some of the world's poorest communities to transform their own lives through water and soil conservation in drylands. The organization works with local partners to support rural communities, enabling access to clean water close to homes as well as investing in sustainable agriculture.

Water scarcity is increasingly affecting millions of people and wildlife every year. Water is essential to life but more than 40 percent of the global population continues to suffer the effects of an inadequate supply. Globally, over 800 million people do not have access to clean water.

In many dryland areas, a changing climate is causing desertification, leading to water and food insecurity, conflict between people and wildlife, displacement, and loss of biodiversity. Drylands comprise over 40 percent of the world's land surface and are home to 2.5 billion people (including 75 percent of the world's most disadvantaged people). The status of wildlife species in drylands remains largely uncertain. Capturing water where it falls is essential for improving the environment as well as livelihoods. Sand dams, which last for upwards of 60 years, are an effective and inexpensive way of doing this.

A sand dam is a reinforced concrete wall built across a seasonal riverbed. Each sand dam is built using local effort and materials with only the expertise, cement, specialized materials and tools being provided by Excellent Development and their local partners. Ongoing training, including the use of climate-smart agriculture techniques (such as the provision of suitable seeds), is then implemented for up to five years post build. It takes just a few weeks to build each dam, following strategic geological analysis. The whole process is cost-effective and focused, meaning that money, supplied materials and knowledge, are used to the utmost effect.

During the rainy seasons, sand and water are captured behind the wall. Just like a sponge, the water infiltrates into the trapped sand and provides a reservoir from which water can be taken through pipes in the concrete wall or a well sunk into the sand. A sand dam can store up to 40 million litres of water, which is enough for over 1,000 people. The sand protects water from evaporation and contamination thereby reducing the risk of disease.

© Excellent Development

DONATE

\$139,000 could fund the construction of three sand dams and provide three communities with training in sustainable farming techniques for one year such as terracing and mixed cropping.	\$32,800 could fund the construction of one sand dam, including all materials, tools and ongoing technical support.
\$78,700 could provide five communities with training in sustainable farming techniques for one year.	\$15,700 could investigate the suitability and geo/human/wildlife potential to successfully construct sand dams in a new dryland area.
\$68,150 could fund the construction of three school water tanks, providing three schools with an on-site source of clean water, as well as Water, Sanitation and Hygiene (WASH) training to help improve hygiene practices.	\$5,200 could provide a tree nursery and seed bank.
\$48,500 could fund the construction of one sand dam and provide one community with training in sustainable farming techniques for one year.	\$1,700 could provide a community with a water pump and shallow well to safely extract drinking water from the sand dam.
	\$400 could provide a community with a wheelbarrow, 10 bags of cement and 40 shovels to help construct their sand dam.

© Excellent Development



© Polly Braden

Sand dams have other far-reaching benefits, not only providing a vital source of water for drinking and domestic use but in transforming local environments. They allow communities to establish more sustainable forms of agriculture such as tree planting, formation of seed banks, introduction of micro-horticulture and adoption of drought-resistant varieties. Cropping becomes possible or is greatly improved and diversified; diet is enhanced and household incomes are increased. The sand dams are built close to homes, reducing the amount of time women and children spend collecting water, therefore improving livelihoods and educational prospects as well as safety.

Since 2002, Excellent Development have supported rural communities in Kenya, Mozambique, Zimbabwe, Malawi, Eswatini (Swaziland), Sudan, Chad, Tanzania and India. Over one thousand sand dams have been built, bringing year-round water to over one million people within a short distance of their homes. Furthermore, over one million trees have also been planted and 1.8 million meters of terracing has been dug; helping to counter desertification by reducing run-off and soil erosion, and encouraging maximum water absorption into the land.

Excellent Development's strategy to 2025 is to benefit more communities and wildlife with the construction of sand dams, with a particular emphasis on directly supporting other organizations to build 200 sand dams every year by 2025 and influencing the implementation of 10,000 dams for five million people by 2025 (and one million sand dams for half a billion people by 2040).

ACHIEVEMENTS

- ★ Enabled self-help groups in southeast Kenya to build 68 sand dams, construct two school water tanks, plant over 17,500 trees and dig over 17,000 meters of terracing. Together, these developments enabled 70,792 people in this region to gain access to safe water and learn improved farming techniques.
- ★ Constructed three sand dams in Lekkuruki Conservancy in the Northern Rangelands of Kenya and completed two new sand dams in neighboring Oldonyiro conservancy. This is supporting 8,960 people from pastoral communities to increase their access to clean water and help reduce conflict over water. The sand dams are also providing a vital water source for wildlife in the region.
- ★ Started working with Oxford and Cranfield universities to attach meters to hand pumps on sand dams to accurately measure the amount of water people are able to abstract.
- ★ Started working in Malawi with new partner Churches Action in Relief and Development (CARD). This three-year project will be assessing the potential of Malawi for sand dams before working with communities to pilot their construction.
- ★ Completed feasibility studies in Tanzania and Ethiopia, and are now planning to deliver pilot projects in both countries.
- ★ Working with their strategic partner and Kenyan NGO, the Africa Sand Dam Foundation, to continue pioneering sand dams worldwide.

These were achievements from the 2018/19 year.



© Excellent Development





ASIA

With its diverse culture and cuisine, mountainous kingdoms and spiritual healing, Asia has captivated travelers for centuries.

Despite being on track to reach 50 percent of global GDP by 2040, there are intense pressures on Asia's most precious resources. There is a growing reliance on coal and oil, as well as deforestation, resulting in a loss of biodiversity. Extreme weather has led to unparalleled monsoon rains and floods. Combined with climate change, rapid population growth and urbanization is also having an impact. More than 60 percent of the world's population live in Asia and of those, more than 50 percent live in cities. Rapid urbanization has critical implications since cities are central to social change. Burdens on urban governance are immense, such as overstretched infrastructure, poor waste management threatening health, gender inequality as well as limited access to training and higher education.

Our partners, listed on the following pages, address many of these challenges through the development and implementation of sustainable initiatives. In India, these include providing 18 residential care centers for street children in New Delhi and supporting nearly half a million women in rural Gujarat with business initiatives. Other schemes in Asia include a malaria control program on the island of Sumba in Indonesia as well as scientific research into the protection of ecosystems in Sabah, Malaysian Borneo.

We encourage you to work with us to support our partners' activities so that, together, we can help achieve more inclusive and sustainable economic growth to address inequality and environmental pressures.

REALITY GIVES INDIA

EMPOWERING THE YOUTH AND PROVIDING EDUCATION IN UNDERPRIVILEGED COMMUNITIES

Dharavi in Mumbai is one of Asia's largest slums, with a population of one million across an area of 1.7 square kilometers (520 acres). Living conditions within the slums are overcrowded and lack basic amenities such as water and sanitation, as well as providing few facilities for education. Despite these challenges, Dharavi recycles 80 percent of Mumbai's plastic and is home to an industrial sector, which produces between \$665 million and \$1 billion of goods every year. It is one of the most entrepreneurial slums in the world.

Operating in Dharavi is Reality Gives, an organization that focuses on providing quality education to young people from underprivileged communities. Reality Gives is also active in Sanjay Colony, a slum community in New Delhi. It is a small slum built on 0.1 square kilometers (25 acres) and is home to approximately 50,000 people.

Established in 2009, Reality Gives is also the charitable arm of Reality Tours and Travel, a travel operator that provides tours throughout India. One of their signature tours is the 'Educational Slum Tour of Dharavi' which challenges negative stereotypes of slum communities. Reality Tours and Travel reinvests 80 percent of all tour profits into Reality Gives.

Reality Gives addresses the challenges faced in both urban slum communities through the delivery of a Youth Program in two community centers, as well as a School Program in partnership with a low-income school. The Youth Program in Mumbai and New Delhi is comprised of courses in English, computer skills and special activities such as educational movie screenings and group workshops. It is aimed at young people from the age of 16 who have a basic understanding of English, who dropped out of school at an early age and subsequently struggled to find a job, as well as young women determined to enhance their status in their families.

In recognizing the reasons for young people joining the Youth Program, Reality Gives also established a School Program that aims to give primary aged students the strong foundations from which they can grow and develop into confident and empowered individuals. Women teachers are hired from the community and offered quality in-house training, empowering them to become Champion Teachers.



All images © Reality Gives

DONATE

\$16,000

could provide the annual salary for all six teachers at two centers.

\$10,000

could cover the annual salary for the Youth Program Managers at two centers.

\$5,500

could cover the annual rent of the Youth Program at two centers.

\$2,000

could print English class materials for the Youth Program at two centers, for a year.

\$1,200

could cover six months' rent for one center for the Youth Program or provide one year of Youth Program student workshops and training, for two centers.

\$800

could provide annual anti-virus software, Microsoft Office and a mouse and keyboard, for the Youth Program at two centers.

\$400

could provide a two month salary for one teacher or provide 700 stationary starter kits to all Youth Program beneficiaries at two centers for one year.

ASIA

REALITY GIVES - INDIA

133 PHILANTHROPY PLUS



ENGAGE

Following a two to three-hour morning educational tour of Dharavi, during which you will see a wide range of activities such as pottery making, embroidery and soap making, you could participate in a family cooking or pottery class. There will also be the opportunity to interact with students and/or the local team on the Youth Program at the community center in Dharavi. There are no age restrictions.

ACHIEVEMENTS

- ★ Reached 9,000 beneficiaries.
- ★ Completed 10 years working in Dharavi.
- ★ 100 grade four students, who started in 2013, graduated from the School Program.
- ★ 472 children from six primary grades were involved in the School Program.
- ★ Nine community members participated in a three-week English Teacher Training Program and following this, three were hired to become English teachers in Dharavi.
- ★ Delivered five weeks of training programs for 22 teachers, focusing on classroom management and lesson planning.
- ★ 779 students engaged with the English syllabus.
- ★ 321 students engaged with the computer skills course.

These were achievements from the 2018/19 year.

REHWA SOCIETY INDIA

EMPOWERING WOMEN WEAVERS AND PROVIDING
AN EDUCATION FOR THEIR CHILDREN

In the 1970s, Maheshwar, a small 4,000-year-old town on the banks of the Narmada River, was far from the prosperous golden era of the eighteenth century. With a skilled weaving community and exquisite textiles, future prospects seemed good, but no one could predict the effects of industrialization. After India's independence, products were mill-made and as a result, weavers were left without a market for their beautifully hand-woven fabric and so they slowly fell into neglect.

In 1979, Richard Holkar, a descendant of Ahilyabai Holkar who was Queen of the Kingdom of Malwa during the eighteenth century, along with his wife Sally, established REHWA Society at his 300-year-old ancestral home, Ahilya Fort in Maheshwar, to revive and sustain the tradition of weaving. Using a grant from the Indian Central Welfare Board, they started with 12 looms and 12 women weavers from the local Meru community. The Society has now expanded to 250 weavers and 110 looms. Maheshwari sarees are woven in cotton and silk. Profits from sales are used in employee welfare. Subsidized housing for weavers is provided in the form of 'Ahilya Vihar Colony' and in 1989, Ahilya School was established to provide primary and secondary education for weavers' children.

DONATE

\$10,000

could purchase a loom and subsidize the training of a new weaver for one year. In return, each sponsor would receive a beautiful scarf.

\$5,500

could fund a health camp on diabetes testing, vision correction and cataract screening for weavers and their families.

\$2,000

could provide a daily nutritious meal for 240 students for one year at Ahilya School.

\$1,600

could provide textbooks for 100 students at Ahilya School, for a year.

\$1,200

could support an advanced teacher-training program for two teachers to develop their teaching skills.

\$800

could fund a workshop on women's health awareness for weavers and girls at Ahilya School.

\$400

could support a child's education for four years at Ahilya School.



All images © REHWA Society



ENGAGE

Be involved in leading a class at Ahilya School, such as painting, photography, music, spoken English, yoga or poetry. The English Speaking Faculty would be available for translation and the minimum age is 18 years. Participate in clean-up drives and eco-activities on the Naramada River, help design and/or create carry bags or totes using upcycled woven Maheshwari textiles and help children tend to the organic vegetable patch at Ahilya School.



ACHIEVEMENTS

- ★ In 2019, REHWA celebrated its 40th anniversary.
- ★ To increase focus on sustainable practices, REHWA established a natural dye facility and launched a line of eco-friendly naturally dyed textiles called 'REHWA Prakriti'.
- ★ Started a new weaver-training program and inducted six new weavers.
- ★ Over 250 people have had their vision screened and 29 women have had their vision restored.
- ★ Launched a collection of textiles, carry bags and hand-embellished accessories to provide further employment to weavers.
- ★ In 2018, REHWA was selected to be part of the 'Power to the Artisan' pavilion at the Architectural Digest Design Show in Mumbai.
- ★ To emphasize the importance of fresh food and nutrition, Ahilya School established a vegetable patch maintained by children.

SALAAM BAALAK TRUST INDIA

PROVIDING CARE AND SUPPORT TO STREET AND WORKING CHILDREN IN DELHI

India has the highest concentration of children living on the streets in the world. There are approximately 18 million children without shelter or care facing the risks of trafficking, child prostitution, drug trafficking or begging for their exploiters. The children often suffer from malnutrition, have no formal education and no access to medical treatment. On Delhi's streets, more than 70,000 children are homeless and of this number, more than 46,000 are aged between six and 14 years [Delhi Commission for Protection for Child Rights, 2018].

Established in 1988, Salaam Baalak Trust (SBT), which translates to a trust that 'salutes the child', is an organization offering housing, physical and mental health care, education as well as recreational activities for street and working children in the inner cities of New Delhi and Mumbai. In New Delhi, SBT has seven residential care homes, providing full-time and short-stay facilities to children in need of care and protection. SBT gives attention to the medical needs of street children as they are often exposed to infections and diseases and, due to lack of guidance, have little or no understanding of sanitation and hygiene. Medical check-ups are carried out at the centers. Children are vaccinated against hepatitis-B and tetanus. The nutritional needs of children are met through the provision of balanced meals. A mental health program is provided as a street child is often exposed to violence, fear and anxiety. Furthermore, SBT is committed to empowering and enabling access to education and building new skills, which includes the use of creative and performing arts to exhibit talents such as photography, theatre and dance.

In addition to these program areas, SBT offers a two-hour City Walk of Paharganj in Delhi, a walking tour that allows travelers to uncover another side of the city, led by former street children who are pursuing a career in the tourism industry.



All images © Vicky Roy



DONATE

\$10,000

could provide the annual running costs of a shelter home that accommodates 40 to 55 children. This includes food, electricity and water bills, clothes and maintenance of the homes.

\$5,000

could provide the annual salary for a trained development therapist for children under the mental health program.

\$2,200

could pay an annual caregiver's salary.

\$1,600

could sponsor two children for a year with their basic needs, including education, food security, medical care and living costs.

\$1,200

could provide health check-ups for 20 children.

\$800

could provide education materials and an excursion trip outside Delhi for 25 children under the mental health program.

\$400

could provide three meals a day for five children, for two months.

ENGAGE

After a two-hour City Walk of Paharganj in Delhi, there will also be the opportunity to interact with students and/or staff at the center. There are no age restrictions.

ACHIEVEMENTS

- ★ Benefited 9,448 children.
- ★ 3,281 children provided with residential care.
- ★ 2,177 children returned to their families.
- ★ 4,373 children benefited from the literacy program.
- ★ 876 children received formal schooling.
- ★ 293 young people received vocational training.
- ★ 140 young people were placed in jobs.
- ★ 9,000 children received health check-ups.
- ★ 1,021 children were referred to the hospital.
- ★ A mental health team of psychologists and counselors reached out to more than 4,000 children.
- ★ Five children were selected for a scholarship from Central Queensland University, Australia.
- ★ 31 children are pursuing higher education or specialized courses.
- ★ Five boys and four girls trained as tour guides for the City Walk program.
- ★ With support from Railway Children India, established a Child Help Desk at Ghaziabad Railway Station and an Open Shelter in Ghaziabad.
- ★ The General Railway Police (GRP) at the New Delhi Railway Station reached more than 1,000 children.
- ★ Aasra residential care moved to Najafgarh and received a license to run as a children's home.

These were 2019 achievements.

SELF-EMPLOYED WOMEN'S ASSOCIATION INDIA

EMPOWERING WOMEN IN THE UNORGANIZED EMPLOYMENT SECTOR

In India, more than 95 percent, or 195 million women, are employed in unpaid work or in the unorganized sector, women who earn a living through their labor or small businesses. The unorganized sector is not under the control of the government and as a result, there are no regular salaries nor welfare benefits. They are the unprotected labor force of India, impacted by a range of challenges such as limited access to education, healthcare, information, technology, as well as social and political participation.

A report given during the Gender Equality Summit 2019, by UN Global Compact Network India, says that addressing these challenges and involving more women in the workforce, can help achieve future aspirations and thus boost India's GDP by 27 percent.

In 1972, the revolutionary Shri Elaben (Ela) Bhatt established the Self-Employed Women's Association (SEWA) in the textile capital of Gujarat. A trade union, SEWA supports these poor women workers so that they can secure employment and achieve self-reliance. The organization has a membership of over 1.7 million in 18 states across India, out of which nearly 750,000 are in Gujarat. At a grassroots level, SEWA promotes their collective strength and leadership through unions, cooperatives, producer groups and networks. In addition, SEWA facilitates access to social security and social protection through social service organizations, advocates for better social protection and labor standards at a national level, and builds capacity through formal education and professional training.

"We were made extremely welcome by the ladies at the Gitanjali cooperative. It was an inspiring visit seeing them work and hearing their personal stories of development within the cooperative. As a consequence, they are able to financially help support their families from within a safe working environment despite their poor economic backgrounds and minimal education. A truly humbling experience but the cooperative shows what can be achieved with the support of organisations like SEWA."

- Dr R Taylor and Miss J Haydon

Image courtesy of Shutterstock

DONATE

\$10,000

could upgrade Hansiba Museum in Radhanpur, Patan District. During the monsoon season, rain leaks through the dome structure. Sliding windows are also required.

\$5,000

could repair damaged fencing around the Vanlaxmi cooperative's cultivated land in Gujarat's Mehsana District, protecting crops, vegetables and fruit trees from wild animals and village cattle.

\$3,500

could pay for a machine to dig a bore well. Every season for the salt farming process, a well near the salt pans is manually dug, which is timely, exhausting and resource-heavy as it often takes five members over eight to 10 days.

\$2,500

could cover the cost of an environmentally friendly solar pump to help a salt farmer. Salt farmers currently incur high expenses on diesel costs. Or, this sum could provide maintenance of Hansiba Museum for a year.

\$2,000

could provide two month-long training workshops, each for a group of 20 women, in developing stitching skills for the handicraft artisans of Patan District.

\$1,800

could train 20 women to use different machines for making stationery at the Gitanjali cooperative.

\$1,200

could provide 40 solar lanterns for 40 salt farmers. To ensure proper usage and functioning of the solar lanterns, a group of women assemble and repair them, generating an additional income for members. Or, this sum could provide four workshops, each for a group of 20 women, in design development for the handicraft artisans of Patan District.

\$800

could provide six toolkits for six salt farmers, including a hoe, roller and rake, provide a hole punch machine for the Gitanjali cooperative to make paper stationery, provide a carton-strapping machine for packaging the Gitanjali cooperative stationery orders or re-do the vermicompost production bed and signage for all the trees to facilitate environmental education among communities.

\$400

could provide three tents for three salt farmers living in the Surendranagar desert for eight months, provide safety kits for 50 Gitanjali cooperative women working in two facility centers in Ahmedabad, who manually recover materials and sell to waste recyclers, or provide one of two required air coolers for Vanlaxmi cooperative's farm education center for the local community in Gujarat's Mehsana District, which also provides income for women farmers as an eco-tourism center.

© SEWA



“We were lucky enough to visit the SEWA Gitanjali Cooperative in Ahmedabad on our last trip to India in 2018. It was a wonderful experience. We thought we would just have a look round and spend an hour there, but we sat around a large table drinking tea and chatting to all the ladies about how they became involved in the project and how it affected their families. More than two hours later we left feeling really uplifted by the enthusiasm and truly inspired by everyone we met. I would also recommend a visit to the salt farmers and farming projects.”

- Mrs G Link

ENGAGE

Help women of the Gitanjali cooperative in Ahmedabad to make stationery, such as paper, pens and notebooks. Visit Vanlaxmi cooperative's eco-tourism farm education center for half a day, which is a 1.5-hour drive from Ahmedabad. Interact with members and hear how they developed the cooperative. Learn how to cook a traditional meal on a traditional stove, engage in plantation activities and depending on the season, collect fruits or vegetables from the field. Learn about the work of handicraft artisans of Patan District and help with the embroidery of products. Visit Hansiba Museum of Radhanpur in the Patan District, Gujarat, to learn about the traditional skills of women artisans. Engage in the salt production process on a visit to the salt farmers in Surendranagar District.

ACHIEVEMENTS

- ★ 12,000 urban women earn a collective income of nearly \$170,000.
- ★ Re-instated livelihoods of 372 vendors in the Bhadra market.
- ★ Approximately 420 students attended eight Shantipath 'peace' centers operating in Ahmedabad city.
- ★ 483,000 women were organized in rural areas of Gujarat, through nine district associations, strengthening members' business enterprises.
- ★ Activities in rural areas included the Manager Ni School, to provide managerial, leadership and financial training to members; Hum Sab Ek Hai, where three members registered their houses under Airbnb for rural homestays; Shaun, an education program for young girls, and Hansiba Museum, a museum displaying the traditional crafts and heritage of women in Radhanpur.
- ★ Organized rural campaigns such as 'Women, Water and Work', 'Feminise our Forest' and 'Green Energy and Livelihood'.
- ★ 2,680 women attended literacy classes through the SEWA Academy, a university for poor informal sector women.
- ★ Expanded Mahila SEWA Housing Trust, providing shelter to the rural and urban poor from the states of Gujarat, Rajasthan, Madhya Pradesh, Jharkhand, Delhi, Bihar, Maharashtra, Orissa, Uttar Pradesh and other South Asian countries of Nepal and Bangladesh. Nearly 15,000 families and 90,000 members benefited.
- ★ 406 children benefited from 13 social security childcare centers, operating in urban areas. This included nutritional care and growth monitoring.
- ★ The cooperative Lokswasthya Mandali, a health care service, reached more than 463,000 members from 87,500 households across 110 villages.

These were achievements from the 2018/19 year.

SUMBA FOUNDATION INDONESIA

ALLEVIATING DISEASE AND POVERTY ON SUMBA ISLAND

Malaria, malnutrition and water scarcity are just some of the harsh daily realities facing the villages on the remote island of Sumba in the Indonesian archipelago. It is estimated that more than half of Sumbanese children under the age of five suffer from malnutrition. Stunted growth is also a problem, with as many as 70 percent of rural school children below the normal height and weight for their age.

Combating these challenges and other health concerns, as well as the provision of education and clean water, is the Sumba Foundation. This Foundation was founded in 2001 by Claude and Petra Graves, owners of Nihiwatu (Nihi) Resort, as well as philanthropist Sean Downs. Initially, projects were focused on water and education but in 2004, Dr. Claus Bogh joined the Foundation to establish the Malaria and Health Program. The Foundation's projects cover approximately 176-square kilometers (68 square miles) in West Sumba and have recently expanded by opening its first clinic in Southwest Sumba. Since its establishment, The Foundation continues to improve the lives of more than 27,000 people through its water, health and education initiatives.

To fight malnutrition, the Foundation runs an infant nutrition program that focuses on providing direct food relief to families with children who are underweight as well as a free school lunch program that provides free meals three times a week to area elementary schools. Each meal consists of either a rice-based and protein meal or a mung bean porridge. The produce used for the program is purchased from local farmers that benefit from the Foundation's organic farming project. Parents are also taught how to cook healthy meals for their children.

The Sumba Foundation also helps the local government schools with libraries and supplies (such as toilets, tables and chairs), as many facilities in Indonesia are too small, unequipped or in disrepair. The education team teaches English as well as Health and Hygiene in local government schools. There is also a Sumba Foundation Scholarship. Those that complete their higher education return to work with the Foundation in their clinics and schools. Students interested in pursuing nursing have also been supported and qualified senior nurses are encouraged to study further education at universities in Bali or Java. There are two senior nursing schools on the island and each takes around 80 students per year. Sumba Foundation also provides scholarships for children to attend hotel training schools so that they can find employment with Nihi Sumba.

All images © Jason Childs

Furthermore, the Sumba Foundation oversees a number of water projects to villages, clinics and primary schools, including the renovation and upgrade of gravity-fed water systems as well as wells connected to the local power grid. Providing access to clean water is the Foundation's oldest and most established program. They have created many water stations, installed generators, submersible pumps as well as hand pumps, and maintained many water tanks.

Lastly, in 2003, the Sumba Foundation established a Malaria Control Program with Dr. Claus Bogh, following the results of malaria surveys which revealed that 62 percent of children had malaria with limited access to diagnosis and treatment. In addition to malaria control, medical clinics treat common ailments, provide eye and dental care as well as perform minor surgery. The Foundation have collaborated with local government and as a result, government clinics and hospitals have significantly improved and expanded. In 2010, a Malaria Training Center was opened, educating Sumba's government and private sector health professionals about malaria diagnosis, treatment and control. A Mama 2 Mama Program also focuses on the care of pregnant mothers in rural West Sumba.

By staying at Nihi Sumba, a remote and stylish wellness retreat, you can learn about the work and experience the impact the Foundation is having on the local community. The resort's owner, Chris Burch, covers the administration costs of running the Foundation so that 100 percent of donations fund the projects.

DONATE

- \$5,000**
could provide vitamins, mosquito nets, ultrasound screening and preventative care for 200 pregnant women.
- \$2,300**
could build a toilet block at a local primary school, helping improve health and hygiene for more than 200 students.
- \$1,400**
could purchase one motorcycle for nurses, enabling them to provide general healthcare and malaria prevention work.
- \$1,200**
could provide 100 families with treated mosquito nets, protecting 200 adults and children from malaria transmission.
- \$1,000**
could give 10 children a new start in life through the infant nutrition program.
- \$800**
could provide one water tank and faucet station, providing access to clean water for more than 200 people.
- \$400**
provide one autoclave, for sterilizing equipment at one of the health project clinics.
- \$300**
could provide one elementary school with 750 meals for a week through the nutrition project.
- \$200**
could provide 20 families with vital medicine and supplies through the health project.



ENGAGE

Guests staying at Nihi Sumba have the opportunity to take a tour of the Foundation's projects. You are invited to distribute food at their school lunch or infant nutrition program, or teach English at their after-school program.

- ACHIEVEMENTS**
- ★ There has been an incredible 93 percent reduction in malaria.
 - ★ Five health clinics have been built and staffed.
 - ★ The lives of more than 400 children have been saved through direct intervention.
 - ★ More than 400,000 patients have received medical treatment.
 - ★ 12,000 mosquito nets have been distributed.
 - ★ 50,000 cases of malaria have been treated.
 - ★ More than 30,000 people now have access to clean water every day.
 - ★ 80 water wells and 300 water stations have been constructed.
 - ★ More than 2,600 children receive school lunches three days a week.
 - ★ 22 primary schools continue to be supported.
 - ★ Over 2,000 students are registered in the English program, working with seven local government schools in addition to three local schools.
 - ★ 5,500 students receive school supplies.
 - ★ 15,000 eye glasses have been distributed.
 - ★ 1000 eye surgeries and 120 cleft palate surgeries have been carried out.
 - ★ On 17 June 2019, opened a flagship Learning Development Center in Hobawawi where 300 students in English are now being taught in a classroom three times per week.

SUMBA HOSPITALITY FOUNDATION INDONESIA

EDUCATING AND EMPOWERING FOR SUSTAINABLE FUTURES ON THE INDONESIAN ISLAND OF SUMBA

The remote island of Sumba is one of the poorest islands in the Indonesian Archipelago, yet culturally it is one of the richest, with strong ancient traditions. Approximately 800,000 inhabitants cover an area of over 11,000 square kilometers. In comparison with other islands in the Indonesian Archipelago, Sumba has historically lacked adequate support in terms of education and the resources required for economic growth. However, the unspoiled character of the island only adds to its natural beauty; there are stunning coastlines, amazing waterfalls and lagoons as well as breathtaking scenery of wild horses.

Following a visit to the island in 2013 and saddened by Sumba's challenges, Inge de Lathauwer established the Sumba Hospitality Foundation to provide vocational hospitality training for underprivileged young people aged 17 to 23 years. The program educates and empowers fragile communities as part of a mission to end the circle of poverty. Through the hotel school, Inge and her team help prepare the island for responsible tourism development: creating job opportunities for local communities while preserving identity and environment.

The school's curriculum focuses not only on hospitality training but also sustainable tourism, environmental awareness, permaculture farming and personal development. Students gain

work experience in the nine-bedroom Maringi Eco Resort and its fine dining restaurant, located on campus ground. Environmental awareness is interwoven in every detail of the project: the resort is powered by solar energy, has a 2.5-hectare permaculture farm, a water-saving system and a zero-plastic policy. The durable, bamboo architectural design of the site combines Sumbanese features with modern touches. As such, the campus serves a model of responsible tourism for the island and gives guests the opportunity to contribute. Every penny spent at Maringi goes to the Foundation.

Students are given the opportunity to finish their one-year program with an internship at a five-star hotel or restaurant in Bali. In addition to the educational program and internship, acceptance to the School includes full boarding, meals and healthcare. Since the opening of the school in 2016, 148 Sumbanese have participated in the program and are now able to support their respective families.

In addition, the Foundation extends its reach to the wider community by providing English classes and by facilitating a Coalition that advocates for the island's responsible tourism. The community English classes are organized every weekday and are taught by volunteers and existing School students.



All images © Sumba Hospitality Foundation



DONATE

- \$10,000**
could sponsor the transportation and housing costs of all 60 students during their seven-month industry internship.
- \$5,000**
could support one student for 18 months, which includes their 10-month educational program, school supplies, uniform, accommodation, basic medical care and a seven-month internship.
- \$2,000**
could sponsor a series of local craft workshops at the SHF Community Center, animated by local experts (for example, ikat dyeing and weaving).
- \$1,600**
could provide medical supplies for 40 students.
- \$1,200**
could enable 60 students to enjoy cultural immersion through field trips (for example, to the yearly Pasola horse festival), as part of their cultural preservation classes.
- \$800**
could provide school uniforms for 16 students.
- \$400**
could provide school supplies for 16 students or provide 80 bags of vegetable and herb seeds to continuously enrich the permaculture farm.

ENGAGE

Participate in a Q&A session with students about a topic that you are passionate about and that can inspire the students. Support activities on the permaculture farm. Assist with English classes provided to the wider Sumba community. Participate in a farm-to-table workshop including a cooking class with ingredients collected on the permaculture farm. Help create jewelry from locally-sourced materials. Participate in the extracurricular activities of the students, such as yoga.



ACHIEVEMENTS

- ★ Since 2016, successfully trained 148 students.
- ★ Recorded a student employment rate of more than 90 percent.
- ★ Weekly community English classes are attended by approximately 150 participants per day.
- ★ In 2018, awarded by the UN World Tourism Organization in the scalable solutions for 'Innovation and Excellence in Tourism' category.

SHREE KUMRUNG BARAHA SCHOOL NEPAL

PROVIDING NUTRITIOUS MEALS FOR SCHOOL CHILDREN IN
THE MOUNTAINOUS ANNA PURNA SOUTH

Malnutrition and household food insecurity has negative implications on a child's long-term health, well-being and productivity in school. It can lead to children experiencing problems with concentration and memory, as well as impair cognitive development. The rate of stunted growth in Nepal is among the highest in the world. According to an assessment carried out in 2018/19 by the Chaudhary Foundation, children in Nepal are facing an epidemic of acute malnutrition during their first five years, with around 50 percent severely malnourished. Our founder, Nicola Shepherd, first learned about Shree Kumrung Baraha School from a guide in 2016 whilst looking for off-the-beaten-track trekking opportunities. The school is located in a stunning but remote spot on the terraces of Tikhyan, under the dramatically looming slopes of Annapurna South.

Nicola learned that children walk up to two hours each way and every weekday to school during term-time. There is no road to the village which is served only by footpaths and donkey tracks. Children were not eating meals during the school day. Many of their parents are underprivileged subsistence farmers and therefore unable to provide their children with lunch. Most of the children have an early breakfast but do not eat again until the evening, after their long walk home.

Moved by the determination of children to learn and attend school, despite their daily challenges of long commutes and lack of sustenance, The Explorations Company decided to make a difference by funding a lunchtime tiffin program for the 60 plus pupils at Shree Kumrung Baraha School, whose ages range from five to 15 years. Collaborating with the school's headmaster, Ram Poudel, a three-part solution was established. Over the last four years and for the sum of just \$1,200 per annum, The Explorations Company have organized an intricate-but-practical system of provisioning lunchtime "tiffin" for the children whilst they are at school. Instead of the headmaster, Ram, taking a day to descend to the valley market on his donkey to buy provisions, basic ingredients are sourced at normal market rates in rotation from the school children's families, the majority of whom are smallholders and growing the staple ingredients required. Each parent then takes a turn to go to the school with firewood and cook lunch for the children.

This scheme works in that not only are children eating a nutritious meal to help them learn but their families are also benefiting from the additional income as a result of selling their produce to the school.



© Alex Saurel / Alamy Stock Photo



© Muslianshah Masrie / Alamy Stock Photo



© The Explorations Company



© The Explorations Company

ENGAGE

You are warmly invited to spend time with the children at Shree Kumrung Baraha School which includes helping to cook lunch.

DONATE

\$1,200
could provide tiffin for an entire year.

THE CULTURAL SANCTUARIES FOUNDATION

BHUTAN AND MONGOLIA

EMPOWERING INDIGENOUS CULTURES IN THE PROTECTION OF WILDERNESS

The Cultural Sanctuaries Foundation was founded in 2016 to help protect endangered cultures and wilderness in our global fight against climate change.

More than 80 percent of the world's remaining biodiversity exists in the 15 percent of the world that is lived in and looked after by indigenous people – people who continue to have an innate connection to the land and the natural world.

If we protect that land, we protect the planet: science proves that indigenous communities are the most effective guardians of biodiversity but they can only be its protectors if they can thrive and can have sustainable economic opportunity to stay on their land. Protecting these areas and these traditional communities is vital and, as importantly, also preserves cultures and languages that are so rich and crucial to maintain but that are fast fading away.

Led by Chris Rainier, a National Geographic explorer and documentary photographer, and Olivia McKendrick, who brings 25 years of experience as a corporate lawyer, the Foundation creates sanctuaries that support the work of traditional indigenous communities protecting their culture and land.

Bhutan – The Olep Community of Rukka

The village of Rukka is home to the Olep, the oldest indigenous people of the ancient land of Bhutan. Rukka lies within a stunning landscape surrounded by five mountains, a beautiful flower protected by five mist-covered petals. Few tourists have ever visited this valley.

This is The Cultural Sanctuaries Foundation's first completed sanctuary and visitors are now invited for the first time to stay in the homestay built by the Foundation in Rukka.

The government of Bhutan takes a uniquely long-term and holistic view in its decision-making relating to its land and people. More than 70 percent of the country is under forest cover and it is the only carbon negative country in the world. However, it is under threat from climate change and economic pressures. The Foundation aims to shine a spotlight on the Bhutanese approach and show how it is possible to maintain forest and culture while embracing modernity and technology. In Rukka, the culture of the Olep people is under threat from road developments, the youth are lured to the country's capital seeking economic opportunities and the local language is dying out.

With a team of local Bhutanese and specialists in the fields of culture, anthropology, language and ethnobotany, the Foundation has created the first comprehensive survey of the Olep culture and the first written record of the Olep's language. Working with the Bhutanese Royal Family, the Bhutan Government and Bhutan's Tourist Council, the Foundation is introducing appropriate eco-tourism as a much-needed source of economic opportunity for the Olep. The Foundation's new cultural center, built in traditional Bhutanese wooden style by the carpenters of Rukka village, now serves as a gathering place for the village, a place for workshops and language classes for the local kids, a 'living museum' of the Olep culture and (upstairs) a homestay for tourists.

All images © Chris Rainier

ENGAGE

Visitors can expect a warm welcome from the communities in Bhutan and Mongolia. You will gain a unique insight into their culture, their knowledge of the forest and of herbal medicine, their sustainable living, their arts and crafts as well as their dancing and singing.



Mongolia –The Eagle Hunters and The Deer Herders

There are few places that encapsulate the essence of nomadic lifestyle in the way that Mongolia does. It is a vast country – the size of Western Europe or Western US - with a population of just three million.

Here, the Foundation is working with two very different communities – the eagle hunters located in the far West of the country and the reindeer herders located in the Ulaan Taiga National Park in the far North West.

These two communities and their way of life are under threat from the increasing impacts of climate change as well as some aspects of inappropriate tourism. Visitors often stay on the community land, bringing their own horses, porters, tents and food but no economic benefit to the locals while encroaching on the communities' day-to-day lives. The local communities eagerly welcome visitors but it is important that tourism here is made sustainable and fair. The Foundation is trying to change this by promoting appropriate tourism for the economic benefit of these two communities. They are building nomadic community centers in the form of tepees that will move with the communities as they move between their seasonal camps, and will double up as homestay opportunities for tourists to stay in and experience the wonder of the communities' lifestyle. The Foundation will bring workshops and support to help the communities to benefit from appropriate tourism and they will work with the Mongolian government to protect and promote these vital and vibrant cultures.

Kenya, Brazil, Patagonia and Indonesia

The Foundation is working on two further sanctuaries: with the Maasai in the Amboseli/Tsavo region near Mount Kilimanjaro in Kenya and in Brazil, with the Javari tribe in the Amazon. Further projects in Patagonia and Indonesia are in the early stages of development.



DONATE

\$200,000

could fund an entire sanctuary creation, or pay for the Foundation's operating costs for a year.

\$20,000

could pay for the construction of a basic cultural community center and homestay.

\$5,000

could pay for workshops and support for a community to promote and attract long-term, sustainable cultural- and eco- tourism.

\$2,000

could pay for an indigenous or international scientist to join the Foundation's survey teams in each of their sanctuary areas.

\$800

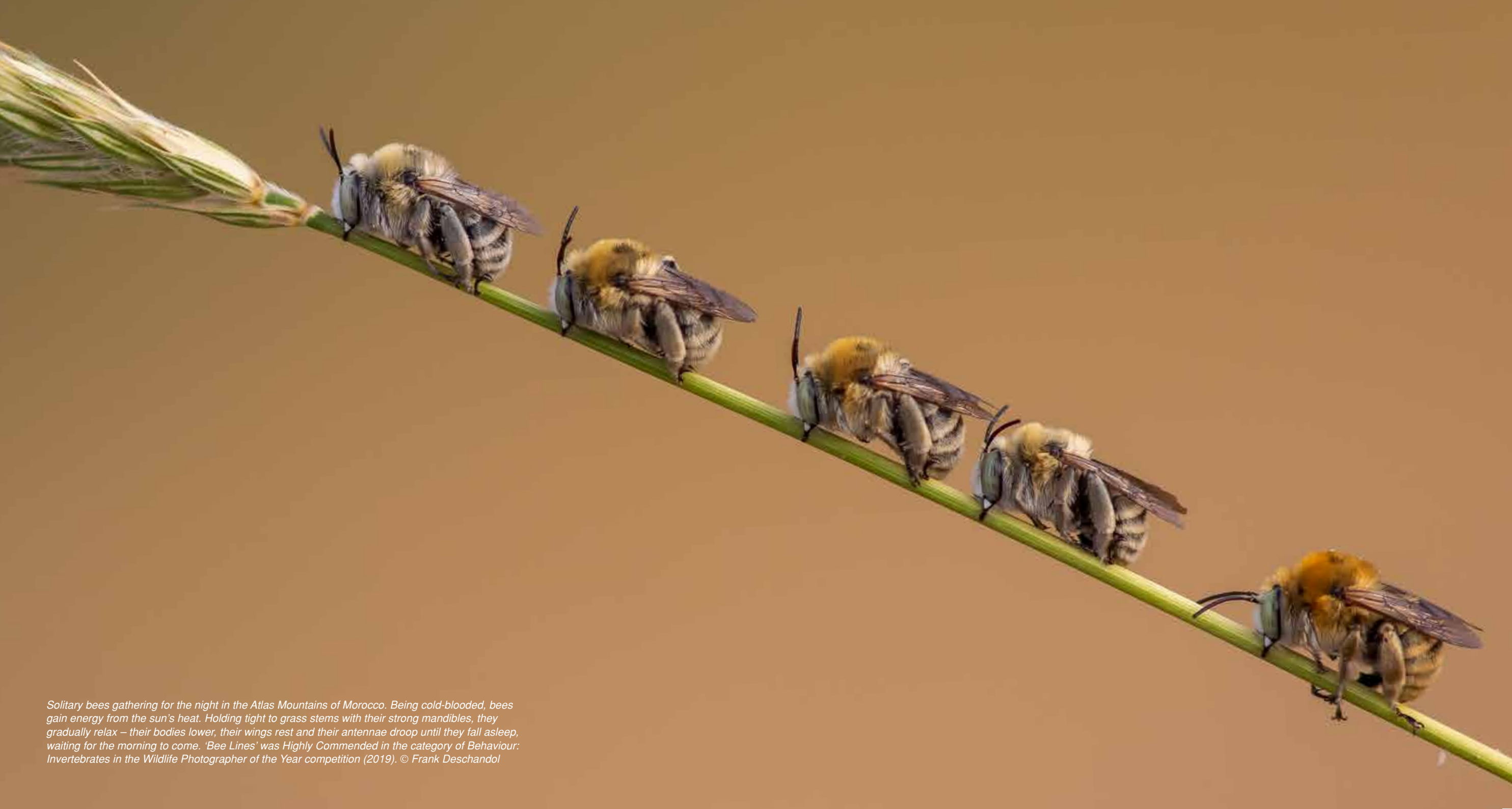
could pay for the building of a nomadic tepee for the reindeer herders of Mongolia to use as a homestay to bring in vitally-needed tourism income.

\$400

could help towards the creation of a dictionary of an endangered indigenous language that has never before been written down.



A flap-necked chameleon crossing a clearing in South Africa's Thornybush Game Reserve. These chameleons are the favorite food of one of Africa's most deadly snakes, the Boomslang. © Greg du Toit



Solitary bees gathering for the night in the Atlas Mountains of Morocco. Being cold-blooded, bees gain energy from the sun's heat. Holding tight to grass stems with their strong mandibles, they gradually relax – their bodies lower, their wings rest and their antennae droop until they fall asleep, waiting for the morning to come. 'Bee Lines' was Highly Commended in the category of Behaviour: Invertebrates in the Wildlife Photographer of the Year competition (2019). © Frank Deschandel



White-fronted Bee-eater © Roy Glasspool

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Adam is a South African-trained biologist, safari guide, author, filmmaker and photographer. He is located at Angama Mara in Kenya.

ADITYA SINGH
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Aditya is a wildlife photographer, conservationist and trained engineer. He has lent his expertise to the BBC and National Geographic. Aditya has lived on the edge of Ranthambhore tiger reserve for the last 21 years with his wife Poonam where they run a wildlife lodge, Ranthambhore Bagh.

ADRIAN STEIRN
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Adrian is a photographer and filmmaker. He is photographer-in-residence for WWF-South Africa and through the course of his career, has won multiple awards, including being named Photographer of the Year at the Africa Photographic Awards and Nikon Africa's Professional Photographer of the

Year. He is the founder of Ginkgo Agency, which specializes in creating strategic high quality short form content, and is also the creator of Beautiful News and 21 Icons. Adrian took the last official portrait of Nelson Mandela.

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Aimi is a wedding and lifestyle photographer based in California and Vietnam.

ALEJANDRO BERTOLO
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Alejandro studied 'suiboku' and 'nihonga' painting (two forms of Japanese classical painting) with the Japanese artists Tazuko Niimura, Sho Funaki and Hiroshi Yamamoto, as well as Japanese calligraphy with master calligrapher, Masaka Inkyo. He learnt the Japanese techniques of mounting paintings, as well as folding screen-making, with Akihiro Kato, Conservator of the Japanese Art Collection of the Freer and Sackler Galleries in Washington D.C. Alejandro paints wildlife, particularly those threatened with extinction in their natural habitats.

AMI VITALE
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Ami is an American photojournalist and documentary filmmaker. Ami's photographs have been published in many publications and she is an ambassador for Nikon. In recent years, Ami focuses her work on wildlife

and environmental stories. She has been named Magazine Photographer of the Year in the International Photographer of the Year prize, received the Daniel Pearl Award for Outstanding Reporting and named Magazine Photographer of the Year by the National Press Photographer's Association. She is a five-time recipient of World Press Photos, including 1st Prize for her 2018 National Geographic magazine story about a community in Kenya protecting elephants. She has also published a book, *Panda Love* (2018), about the secret lives of pandas. In addition, Ami is the founding member of Ripple Effect Images, an organization of renowned female scientists, writers, photographers and filmmakers, working together to create powerful and persuasive stories that shed light on the hardships women in developing countries face and the programs that can help.

ANDREW MACDONALD
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Andrew is Time + Tide's resident photographer and videographer, capturing images in Zambia and Madagascar. Andrew has featured in National Geographic and has worked with organizations such as Time + Tide Foundation, Zambian Carnivore Program and African Parks.

BRICE PETIT
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Brice is a Swiss wildlife amateur photographer with a focus on African wildlife, particularly the cheetah, as well as humanity missions in schools and orphanages.

CHARLIE HAMILTON JAMES
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Charlie is a photographer, television cameraman and presenter, specializing in wildlife and conservation subjects. He started his career at 16, working on David Attenborough's *The Trials of Life*. Charlie has won numerous awards including twice winning the Royal Television Society award for photography, as well as BAFTA and Emmy nominations.

CHRIS RAINIER
Chris is a documentary photographer and National Geographic explorer who is highly respected for his documentation of endangered cultures and traditional languages around the globe. Chris co-directs the National Geographic Society's Cultural Ethnosphere Program as well as the All Roads Photography Program. He is co-founder of The Cultural Sanctuaries Foundation.

CHRIS SCHMID
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Chris is a photographer, filmmaker and cinematographer. He is a Sony Ambassador, National Geographic Explorer and works closely with WildAid. In 2019, Chris launched Stay Wild, an online jewelry shop, where 50 percent of the profits generated are donated to non-profit organizations to support wildlife conservation projects.

DAVID FILER
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David was born in Zimbabwe and after achieving an Honours degree in Information Design at the University of Pretoria, began working full-time as a graphite pencil artist. David is an art ambassador for the David Shepherd Wildlife Foundation.

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Dennis is a self-taught wildlife photographer based in New York.

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Dharshie is a self-taught Kenyan-based freelance humanitarian-photographer, with a passion for telling African stories. He has won several accolades, including the Water, Equality and Sustainability Prize for Environmental Photographer of the Year (2019).

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Edward is a photographic safari guide and accomplished naturalist. He has worked with many organizations, including Conservation South Luangwa, Chipembele Wildlife Education Trust and Zambian Carnivore Program.

EMILY GARTHWAITE
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Emily is an award-winning photojournalist, Forbes 30 Under 30 and Leica Ambassador focusing on humanitarian and environmental issues. She is also the Founder of WomenTranslate, an all women run language services company, and was twice a Finalist for Wildlife Photographer of the Year.

EMILY LAMB
emilylamb.co.uk and routreetryon.com/artists/43-emily-lamb/works
Emily uses an expressive technique with bold use of color and medium. She is passionate about conservation as well as art and works hard to continue the legacy of her grandfather, David Shepherd. As well as being an active board member and advocate of the David Shepherd Wildlife Foundation's Art for Survival Program, Emily has been involved with several other conservation initiatives. Throughout 2019, Emily posted a 30-minute sketch a day to social media, each selling for £100 with full proceeds to conservation. This great initiative raised £40,000 for conservation efforts in Africa. To date, Emily has raised in excess of £250,000 for conservation through art sales.

FRANK DESCHANDOL
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At the beginning of his photography career, Frank's primary subject were birds but in recent years, he has focused on reptiles, amphibians and insects.

GEORGINA GOODWIN
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Georgina is a documentary photographer and Canon Ambassador based in Nairobi. Specializing in social issues, women and environment, she works regularly for Agence France-Presse AFP and United Nations Agency for Refugees UNHCR. She has contributed to Getty Images and Everyday Climate Change, and is a member of WomenPhotograph, a unique global collection of women visual storytellers. Georgina's work on refugee children in Tanzania is a finalist series at Siena Photo Awards and her personal work documenting cancer in Africa was nominated

© Time + Tide King Lewanika

for the Prix Pictet 2015 Award for Sustainability and Photography. Both her coverage of Westgate Terror Attack, which won Kenyan News Photographer of the Year 2014, and her coverage of the 2007/8 Kenyan post-election violence, which was shortlisted for Prix-Bayeux Award 2008, have been widely published.

GREG DU TOIT
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Greg specializes in African wildlife photography and has been awarded a number of accolades, including the title of Wildlife Photographer of the Year in 2013. His work has hung in both the London and Sydney Natural History museums, and he has exhibited in the National Geographic gallery. His work is widely published and he is the author of two books, *Awe* (2013) and *Phototips* (2014). Greg leads photographic safaris in Africa.

HANNAH CREANEY

Hannah is the co-founder of Kisakye Ministries, a Christian ministry in Uganda empowering families by providing them with housing, education and farmland to encourage lasting self-sustainability.

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Ivana is a freelance photographer from the Czech Republic with a passion to capture cultures, wild spaces and wildlife.

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James has spent 15 years in the field across five continents, working as a professional guide and wildlife photographer. He is the photographer for National Geographic's Okavango Wilderness Project, is an art ambassador for the David Shepherd Wildlife Foundation and is the founder of rangerdiaries.com, a portal for nature guides to share their wild stories.

JASON EDWARDS
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Jason began his career as a wildlife and natural history photographer during an 11-year career working as a carnivore and primate specialist for the Zoological Board of Victoria. Jason is also highly regarded for his images of indigenous peoples. In addition, Jason has authored and photographed two children's science education books. Jason is also represented by National Geographic and is the host of National Geographic Channel's *Pure Photography*.

JESS AUMONIER

Jess is a graphic designer based in Oxfordshire, UK, specializing in branding and editorial design.

JIM ZUCKERMAN
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In 1970, Jim left his medical studies to pursue his love of photography. He has taught creative photography at many universities and schools. He leads photographic excursions to countries such as Morocco, Namibia and

Indonesia. He has featured in a wide variety of publications and has authored 15 books in print on photography.

JULIA WIMMERLIN
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Julia is a Ukrainian-born photographer living in Hong Kong. She is a contributor to National Geographic Your Shot and in 2019, her 'Endangered Species' portfolio and single image in 'Dusk to Dawn' categories were the finalists of Travel Photographer of the Year (2019).

KYLE DE NOBREGA

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With an embedded passion for conservation and the wilderness in Africa, Kyle has spent the last decade as a professional guide and conservation photographer across the continent.

MARCUS WESTBERG

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Marcus is a two-time Wildlife Photographer of the Year finalist and has featured in many prestigious publications. He has also featured in the highly acclaimed Remembering Wildlife series of charity books and collaborates with organizations such as African Parks, Gorilla Doctors and Zambian Carnivore Program. In addition, Marcus is the co-founder of Mindful Adventures with his wife Jessica, organizing off-the-beaten-track yoga and mindfulness retreats in Africa.

MARK FITZSIMMONS

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As well as being a commercial helicopter pilot in Sydney, Mark is a professional photographer. His main subject matter is African wildlife.

MARTIN HARVEY

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Martin has over 20-years of photography and video experience. He has extensive experience in filming wildlife capture, drone photography, environmental issues, landscapes and people, as well as travel and adventure.

MAUREEN O'HARE

Maureen is a London-based travel journalist with CNN.

NICK DYER

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Nick is an award-winning photographer. In 2014, Nick met Peter Blinston who heads up Painted Dog Conservation. Together, with leading conservationist Diane Skinner, they set up Painted Wolf Foundation, an organization designed to raise awareness and support for wild dog conservation projects across Africa. Nick was also a finalist in the 2018 Wildlife Photographer of the Year competition.

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Olle is a Swedish award-winning copywriter, photographer and content creator. His work has featured in many prestigious publications. He has worked with United Nations, Lewis Pugh Foundation and Kinondo Kwetu Trust.

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Peter is an award-winning photographer who specializes in photographing and writing about conservation and environmental issues on the African continent. He is also a Senior Fellow and Board Member of the International League of Conservation Photographers.

RICHARD ZAAVMAN

After finishing school in South Africa, Richard returned to Namibia, the country of his birth, to pursue his passion for nature, music and photography. For five years, Richard worked as field guide for AfriCat Okonjima Lodge and more recently, joined the Ultimate Safaris team as a national overland guide.

ROUNTREE TRYON GALLERIES

routreetryon.com

Founded in 1959, Rountree Tryon Galleries specializes in maritime, wildlife, sporting and topographical art from the eighteenth century to the present day. Rountree Tryon is established as a global specialist in these areas. In April 2018, Rountree Tryon Galleries Limited and James Rountree Esq were granted a Royal Warrant of Appointment to The Prince Philip, Duke of Edinburgh as a Specialist Art Dealer.

ROY GLASSPOOL

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Roy was born in Zimbabwe, raised on a farm in Zambia and educated in South Africa. He is a photographic and wildlife safari guide, specializing in Southern Africa. He plans and hosts bespoke safaris with his company Navigate Africa Safaris.

SEAN GALLUP

Sean is the chief news photographer in Germany for Getty Images. Based in Berlin, he assigns and produces news and features coverage with a team of freelance photographers for Getty in Germany, Switzerland and Austria. Sean also teaches photojournalism at the annual TFAS European Journalism Institute (EJI) seminars in Prague.

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Stephanie is an award-winning photojournalist who focuses on gender and human-rights issues such as child marriage and self-immolation. She is the recipient of numerous awards, including the CARE International Award for Humanitarian Reportage; The Overseas Press Club's Olivier Rebbot Award, a Pulitzer Prize, two Visa D'Ors and three World Press Photo awards. In 2012, Stephanie founded the non-profit organization, Too Young to Wed, that advocates to end the practice in child marriage.

STEVE WINTER

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Steve is a wildlife photographer, photojournalist and big cat specialist. He has been a photographer for National Geographic for over two decades and in 2013, published his photography book *Tigers Forever: Saving the World's Most Endangered Cat*. Steve has been named BBC Wildlife Photographer of the Year as well as BBC Wildlife Photojournalist of the Year. He was a two-time winner of Picture of the Year International's Global Vision Award and won 1st Prize in the nature story category from World Press Photo in 2008 and 2014.

SUZI ESZTERHAS

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Suzi is an award-winning wildlife photographer based in California. She has won many competitions, including Wildlife Photographer of the Year as well as Environmental Photographer of the Year. She now serves as the jury chair for the prestigious Big Picture Natural World Photography competition.

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Tara is a Brooklyn-based travel photographer. Her clients include Citibank, UPS, Ford Foundation, HALO Trust and RIPPLE Africa.

THOMAS PESCHAK

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Thomas is an assignment photographer for National Geographic Magazine specializing in conservation stories about the world's oceans and islands. He is a Founding/Associate Director of the Manta Trust and a senior fellow of the International League of Conservation Photographers. He has been

named as one of the 40 most influential nature photographers in the world. Thomas has written and photographed five books. He is a multiple winner in the Wildlife Photographer of the Year competition and received World Press Photo Awards for his work in 2011 and 2013.

VALERIE LEONARD

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Valerie is a documentary photographer concerned with humanitarian and environmental issues. Based in France, Valerie travels the world to show the dignity of men and women living in difficult conditions.

VICKY ROY

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At the age of 11, Vicky ran from the abuse he received at home in West Bengal to move to New Delhi. He worked as a dishwasher and rag picker at the New Delhi railway station until a social worker referred him to Salaam Baalak Trust. Whilst in the care of the Trust, Vicky met a British photographer who became his inspiration. At the age of 18, Salaam Baalak Trust presented Vicky with a camera and he left after obtaining an apprenticeship with Anay Mann. Vicky now has an award-winning and distinguished career in photography. Vicky often returns to take photographs of India's most marginalized children and uses these images to find solutions to social problems.

VIOLETTE KEE TUI

Violette is a professional writer and amateur photographer based in Zimbabwe. She has a special love for the people of Zimbabwe and attempts to tell their stories through her words and images.



'The Water Runners' - Three lesser flamingos on Lake Natron, Northern Tanzania. The mineral-rich soda lake is next to Ol Doinyo Lengai, a soaring active volcano in the Rift Valley. © Mark Fitzsimmons

FAR RIGHT: 'A few years ago, I decided to find and paint all 15 species of cranes in the world, devoting the proceeds to conservation. I contacted Chinmay Vasavada at The Explorations Company, who put together my expedition to the desert of Rajasthan, where I could witness one of the great events of nature: the migration of the demoiselle cranes. These large and graceful birds fly every autumn from the steppes of North Central Asia all the way to India. For the past few decades, Kichan, a town between Jaisalmer and Jodhpur, has become their favorite wintering area. The demoiselles arrive every morning by the thousands from their roosting places. The local people rejoice in their arrival and care for them. I sketched and painted these birds from the rooftop of a house adjacent to one of the fields where they congregate. It was an unforgettable moment.' © Alejandro Bertolo



RIGHT: 'Japanese Cranes' by Alejandro Bertolo



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*'Onia' by David Filer.
Graphite Pencil.
100 x 40 cm.*

Designed by Jess Aumonier
of Windrush Group Limited