



# Annual Report 2018



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Dear Readers,

The figures and details in the following annual report for 2018 will clearly show you that we have continued to carry out the many tasks associated with welfare of the primates in Diani and conservation of their habitat. But in my opinion the most significant happenings in 2018 have been “behind the scenes” by the Board recognizing that we needed to re-structure the management of Colobus Conservation to both make us more efficient and, in a position, to better cope with the financial challenges that I have mentioned in my reports for previous years. In summary our new management structure has:

A General Manager, Nancy Mungania who will be already well known to many Diani residents, responsible for the overall day-to-day running of Colobus Conservation reported to by: -

A Conservation Manager responsible, as the title implies, for our various environment conservation efforts in the Diani/Kwale area.

An Animal Welfare Manager responsible for responding to emergency call-outs, treatment and care of rescued primates, their rehabilitation and subsequent return to the wild

The position of a Fundraising Manager, subsequently filled in 2019, responsible for the management and improvement of our income streams such as grants, donations, visitors to our Eco-Tour, resident paying volunteers and students collecting data for their research projects.

This last position, which is viewed as being critical to our financial stability, is supported at Board level by Joe Wang’endo who is also the secretary of the Kenya Association of Fundraising Professionals – and a keen marathon runner having competed in marathons in London, Boston, New York, Berlin and Lewa

to mention just a few of the better-known ones. And whilst mentioning recent additions to our Board I must also include Wambui Ngunya, a lawyer based in Diani, who is also a keen motor cyclist and has already organized and participated in two “Cruise4Colobus” fundraising rides from Nairobi to Diani.

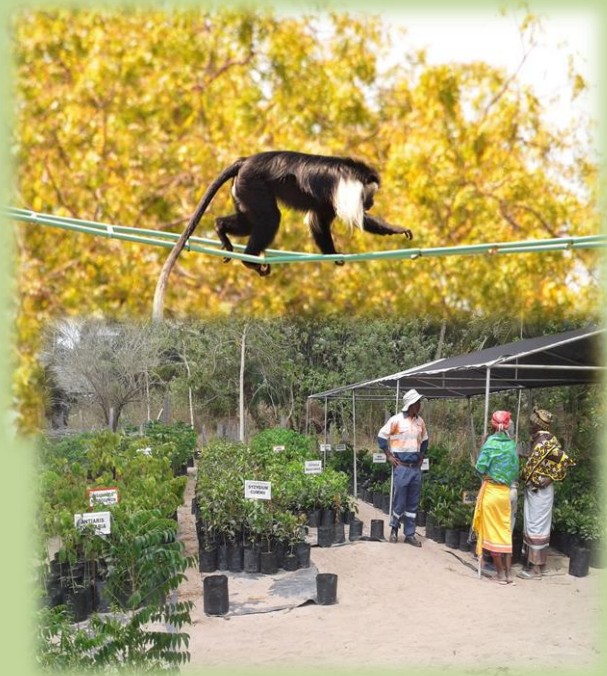
So, to repeat what I said earlier in this report, 2018 has been “business as usual” as regards operational activity but hopefully the management changes we have made during the year will better enable us to confidently face the future and expand our contribution to ensuring that the primates of Diani, and their habitat, are maintained for future generations.

And I close with my normal invitation for you to come and meet Nancy and Team Colobus whenever you are in Diani.

Kind regards,

John Buckley, Chairman





## WHO WE ARE!

Colobus Conservation is a non-profit organization based in Diani Beach, Kenya. The organization works in partnership with local communities to promote the conservation of the Angolan black and white colobus monkey (*Colobus angolensis palliatus*), along with other endemic primate species, and the unique coastal forest habitat on which they depend. Colobus Conservation programmes focus on habitat conservation and community linkages as well as human/primate conflict management, welfare, education and research.

The objectives and work of Colobus Conservation are recognized internationally by AZA Colobus Species Survival Plan (SSP), Pan African Sanctuary Alliance (PASA) accreditation and are supported by well-known conservationists Jonathan and Angela Scott through their role as Patrons.



## OUR 2018 HIGHLIGHTS.

- Colobus work was featured on NTV prime time news, on Sunday 4<sup>th</sup> and a repeat on 9<sup>th</sup> November 2018 ( [https://www.youtube.com/watch?v=IfaH\\_YkII00](https://www.youtube.com/watch?v=IfaH_YkII00) ).
- Colobus work in 2018, also featured on Citizen TV Kenya, whose clip is yet to be aired.
- A Top Trip Advisor rating of 4.5-Stars and a certificate were received.
- A Fifth indigenous tree sale in Diani promoting local forest conservation efforts was hosted successfully.
- 136 primate welfare call-outs attended;
- Rescue, rehabilitation and release of 24 vervet monkeys in Shimba Hills, one bushbaby and an owl;
- 990 children from 33 schools visited Colobus Conservation for one-day workshops;





## Habitat Conservation;



Deforestation is the leading cause of the rapidly declining numbers of Colobus monkeys within their range, with over 80% of the coastal forests already lost due to human activities. Colobus Conservation are actively combating this in several ways;

- ▶ Colobus Conservation held more than 30 education workshops for school children. A tailored programme to enlighten school going children is rolled out to this group every week. This is to expose them to the aspects of forest conservation and ecological significance of the coastal forest indigenous species conservation.
- ▶ A fifth indigenous tree sale was hosted at Chandarana, specifically for residents within the Diani community.
- ▶ Monitoring of the survivorship and growth rates of indigenous tree saplings that were planted through our programme was conducted in July, 321 indigenous trees were measured and monitored.
- ▶ Colobus Conservation conducted several workshops with roadside tree sellers and key stakeholders in Diani, a tree seller's association was formed. The workshops were funded by WWF EFN Conservation Workshop Grant.



■ A survey was conducted to assess the effect of the workshops on the tree sellers, the percentage of indigenous tree stock was calculated. Only three sellers had attained the more 10% indigenous tree stock out of the assessed 10.

■ Simon Mungai, a Field Assistant at Colobus Conservation was invited to the WWF EFN Reforestation Practitioner Workshops at Ganze, this was a five-day training opportunity in reforestation and monitoring techniques.



## Primate Conservation



- Management is targeted in the Diani area of Kwale County. This location is Colobus Conservation's focus area as it contains Kenya's second largest population of Angolan colobus monkeys.
- Colobus Conservation worked closely with Kenya Wildlife Services including participating on the KWS committee, the National Primate Task Force overseeing primate issues across the country.
- Colobus Conservation also worked with GRASP in the facilitation of the International Primate Society Nairobi 2018 meeting.

### Primate - Vehicle Collusion management:

- ▶ Thirty-two colobridges over the Diani's beach road were maintained quarterly. These canopy bridges reduce the number of primates at risk to traffic accidents, injuries and death.
- ▶ A small team of trained Colobus staff dedicate a day a week to maintain all colobridges along Diani's beach road. On average, each bridge requires maintenance and/or rebuilding approximately once per year.
- ▶ Sarah Khan, a student of Aga Khan Academy and resident of Diani organized a successful 'Walk' to raise funds for building a colobridge in October 2018. The total amount raised was \$510 which was used to build and install 'Sarah's Bridge near Kivulini.
- ▶ Phase 1 of Public service vehicle awareness campaign was carried out in November 2018, where 114 drivers were reached.

### Electrocution management:

- ▶ Two to three primate suffered electrocutions on average in each month in Diani.
- ▶ Colobus Conservation are currently working with Kenya Power, the government parastatal that distributes electricity across the country, in collaboration with the Departments of Health and Safety and Integrity and Ethics for the country, a project was put together to insulate 12 km of cable and move and insulate transformers in Diani. In 2017, a total of 12 km of cable was insulated, this being phase 1 of the projects. The 2<sup>nd</sup> Phase of insulating additional 12 km of power cables in 2018 was not actualized.
- ▶ For short term primate electrocution, Colobus Organisation has partnered with KPLC to trim overgrown tree branches near power cables. In 2018 of trees along a 1.29 kilometers of power cables were trimmed in The Maji, Manyatta, Suzy & Dave, Plots next to Beachalets Cottages, Plot 96 and Beachalets entrance.



## Primate pets:

- ▶ Holding primates and other wildlife as pets is illegal in Kenya. KWS a mandated custodian of Wildlife in Kenya confiscates any wildlife kept as pets.
- ▶ In 2018, we received a total 3 pets confiscated all confiscated from the pet trade by KWS. They included two owls and an infant baboon which were forwarded to Colobus Conservation.

## Primate pests:

- ▶ Conducted surveys, produced literature and given advice to many different levels of the community regarding Primate Pest Management including crop raiding, local businesses, hotels and private residents such as Leopard Beach Resort, Diani Sea Resort, Leisure Lodge and Kosovo.
- ▶ A proposal on primate pest management was completed and sent to Professor Axer of the University of Warsaw. It is based on the recommendation of a previous survey on rubbish management in Baobab. Colobus is working with University of Warsaw and Baobab Hotel, to implement the primate pest mitigations.

## ANIMAL WELFARE

Colobus Conservation operates a 24hr hotline and responds to welfare cases for all Diani primate species. Frequently these are road injuries, electrocution, snares and cases of animal cruelty. We have a veterinarian clinic and quarantine facility on site for when cases require intervention.

Colobus Conservation has partnered with ANAW (Africa Network for Animal Welfare), an international organisation promoting welfare standards for domestic and wild animals. Within ANAW's veterinary program, recently graduated veterinarians come to Colobus Conservation for their internships.

Colobus Conservation attended 136 welfare call outs in 2018 of which;

- 44 were road traffic incidents,
- 45 were injuries or illness due to natural causes,
- 10 were electrocution incidents,
- 9 were dog related attacks,
- 4 were individuals trapped in structures,
- 4 were orphaned,
- 4 were pets,
- 2 were cases of animal abuse,
- 14 were due to attempted infanticide/ pest' behavior/other/unknown causes or were not found.







Of these 136 animals;

- 17 individuals were treated and release back to their territory,
- 9 are undergoing or undergone long term rehabilitation for future release back to the wild,
- 23 individuals were alive but not capture or found
- 46 arrived at our facility already deceased or died shortly after their arrival,
- 20 individuals died while undergoing treatment at the centre
- 19 individuals who did not require human intervention,
- 2 individuals were transferred to another facility

The 136 welfare cases attended consisted of;

- 48 Sykes monkeys
- 31 vervet monkeys
- 30 Colobus monkeys
- 8 Baboons
- 4 Galagos
- 2 Greater Galagos
- 1 White Tailed Greater galago
- 12 other animals, including birds, owls, snakes, hedgehogs and bats

#### ■ Sykes Release Programme;

- Twenty-four vervets were released into Shimba Hills Nature Reserve on the 23rd May 2018. Prior to their release the vervets were placed in a release enclosure at the release site for two weeks. The vervets were transported to the site on the 9<sup>th</sup> May 2018.
- Two troops were translocated to the release site. Both troops lived on site at Colobus Conservation, one being a captive troop of 14 and an earlier released troop from 2012 of 10 individuals. They were housed at the release site in an enclosure with four compartments, each troop was allocated two compartments each and both troops were adjacent to one another, so they were able to safely interact between the enclosures.
- For monitoring purposes GPS collars were mounted on five individuals, three on the captive troop and two on the release troop. The Shimba Hills National Reserve terrain is ragged posing a challenge with physical follow up of the troops.
- A team from Colobus Conservation visited the site every day to monitor and feed the animals prior to the release.



- As a member of PASA, Colobus Conservation worked to ensure the highest possible animal welfare standards based on the minimum standards and best practices set out in their Operation's Manual. To further our ability to provide effective enrichment to our primates awaiting release, Colobus Team made substantive change to the enclosure enrichment program-based Samantha Palmer's recommendation, an MSc student from Oxford Brookes University studied Colobus Conservation's enrichment program of each of our enclosures.



## Education

Weekly education workshops are hosted at Colobus Conservation's base, teaching children and teachers about the beauty of the wildlife surrounding them and the importance of the forest conservation.

In addition, Colobus Conservation has an information and education centre, which is also open to the public to visit during a guided Eco-tour. Colobus Conservation educated; 990 school children from 33 schools attending our one-day on-site education workshop.

Adult education programmes were held in November for the public service vehicle drivers in form of awareness campaign with 114 drivers reached. In addition to the drivers' workshops were held at the center in the April for the roadside tree sellers.

## Our Research

Key conservation issues are addressed by working in partnership with national and international universities and other research bodies and by promoting information sharing. Eight Research projects were conducted at Colobus Conservation during the course of 201 including;



The impact of domestic dogs on the behavior of the Angolan colobus in a suburban environment by Robyn Bruce from Oxford Brookes University.



The impact of domestic dogs on the behavior of the vervet and Sykes monkeys in a suburban environment by Luke Elworthy from Oxford Brookes University.



Testing the Effectiveness of 'Chili-Dung' as Mitigation to Prevent Primate Crop Foraging in Diani, Kenya by Leandra Stracquadanio of Leeds University.



Galago census in Diani, Kenya by Koen a researcher from Netherlands.



Primate Behavior in hotels in the Diani Hotels by Ben MacMillan



Road crossing Behaviour of Four Wild Primate species in Diani, Kenya by David Amick of the University of Roehampton.







- ✚ Annual census of Diani's diurnal primates; each year Colobus Conservation carries out an annual census of the four monkey species in Diani: colobus, Sykes, vervets and baboons. The outcome of the October 2018 census indicates that in spite of massive development in the area, the population numbers of each species are stable;

Number of Individuals in 2018		
Species	January	October
<b>Colobus</b>	308	341
<b>Vervet</b>	315	321
<b>Sykes</b>	842	847
<b>Baboon</b>	190 (Oct 2017)	206

## Colobus Visibility and Publicity.

All the social media handles of twitter, Facebook, WhatsApp, Instagram and emails were active in 2018.

### Membership;

- ✚ Colobus Conservation continued to meet the requirements and remained members of Pan Africa Sanctuaries Alliance (PASA) and Kenya's National Primate Conservation Task Force (NPCTF).
- ✚ Kwale Natural Resources Network (KNRN).
- ✚ Workshops and Conference attended
- ✚ PASA Strategic Development Conference in Nairobi held in November. Attended by Pamela Cunneyworth, Board director. The workshop brought together directors of PASA's member organisations. The primary goals of the conference were to learn about the needs of the member organisations and determine how PASA can address them.

### Volunteers;

89 volunteers and 6 researchers donated their time to gain future experience and help Colobus Conservation achieve our goals,

- ✚ Volunteers from 11 countries joined our programme including Kenya, Holland, USA, Britain, French, Australia, Italy, Russia, China, Denmark, Poland, New Zealand and Spain.
- ✚ Volunteers stayed from 2 weeks to 6 months.
- ✚ Publications and Media
- ✚ NTV Kenya visited Colobus Center to cover the organisation work.
- ✚ Citizen TV Kenya visited the centre to document the work done, which is yet to be aired.





## Finances.

- Colobus Conservation does not receive funding support from central or local government and therefore relies solely on grant applications and donations from individuals and organisation to cover operational and staff costs. As such, funding is currently the biggest constraint on the range and depth of project implementation and limits the activities the organisation can undertake.

Grants and Donations - During 2017 grants and donations of more than \$1,000 were received from the following organisations and individuals:

- ✚ International Primate Protection League (IPPL), USA
- ✚ Safarilink Aviation, Kenya
- ✚ Columbus Zoo, USA
- ✚ San Antonio Zoo, USA
- ✚ Woodland Park Zoo, USA
- ✚ World Wildlife Fund for Nature (WWF)
- ✚ Greenville Zoo, USA
- ✚ Pittsburgh Zoo, USA
- ✚ ITWorx, Kenya
- ✚ Plus, numerous individual donations from local, national and international supporters and business which combined totaled more than \$1,000

A breakdown of income and expenditure can be seen in the following tables:

Income	
Source	Ksh
<b>Grants</b>	2,630,811.30
<b>Donations (individual, online)</b>	2,126,331.85
<b>Local Fundraisers</b>	303,967.86
<b>Volunteer Programme</b>	4,693,165.83
<b>Eco-tour income</b>	1,539,008.20
<b>Shop sales</b>	750,980
<b>Adoptions and sponsorships</b>	239,239.46
<b>Total</b>	<b>12,283,501</b>



