

The Malilangwe Trust
development through conservation



2018

Annual Report

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Malilangwe Wildlife Reserve

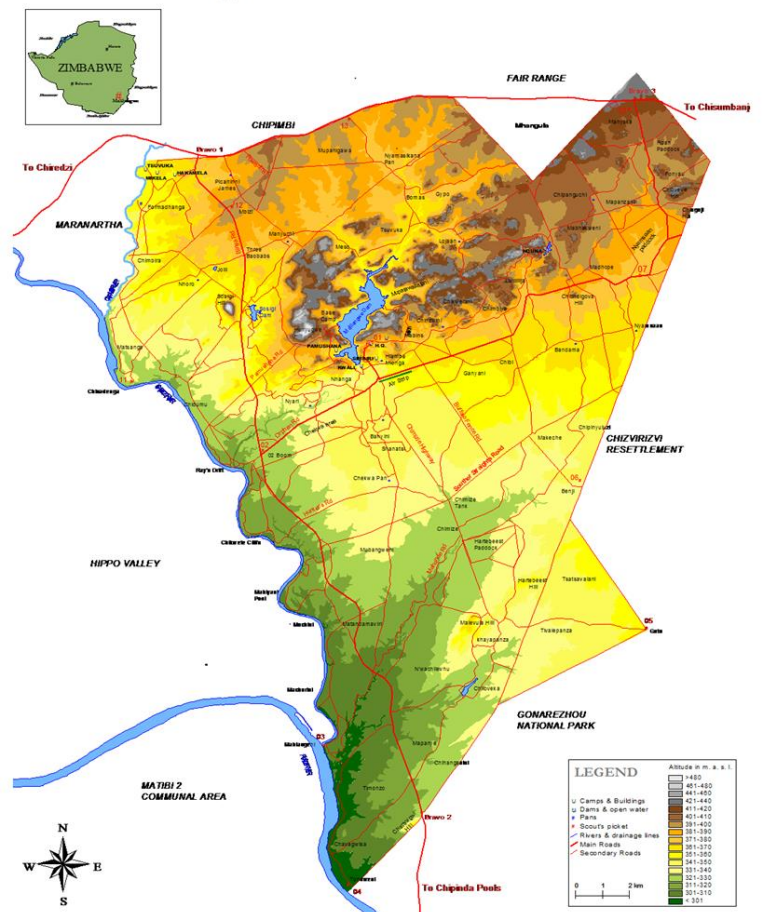


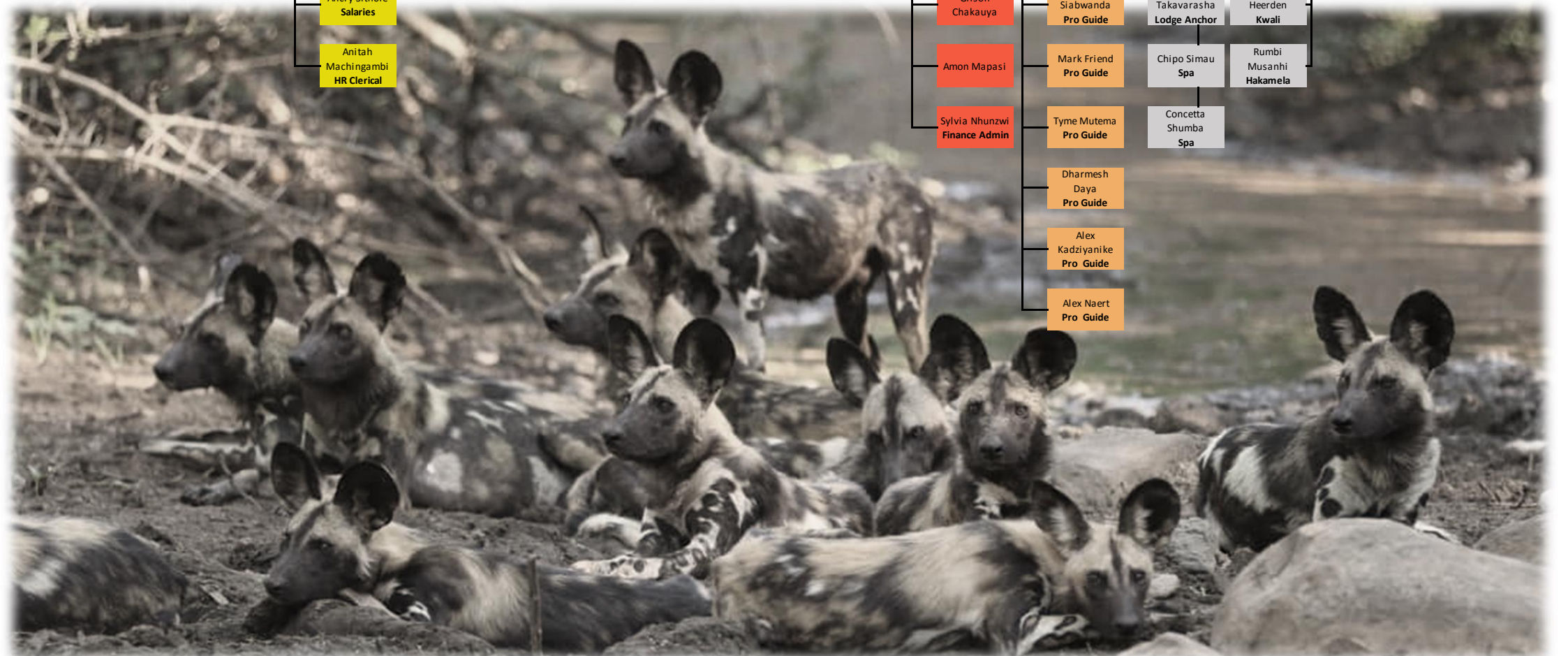
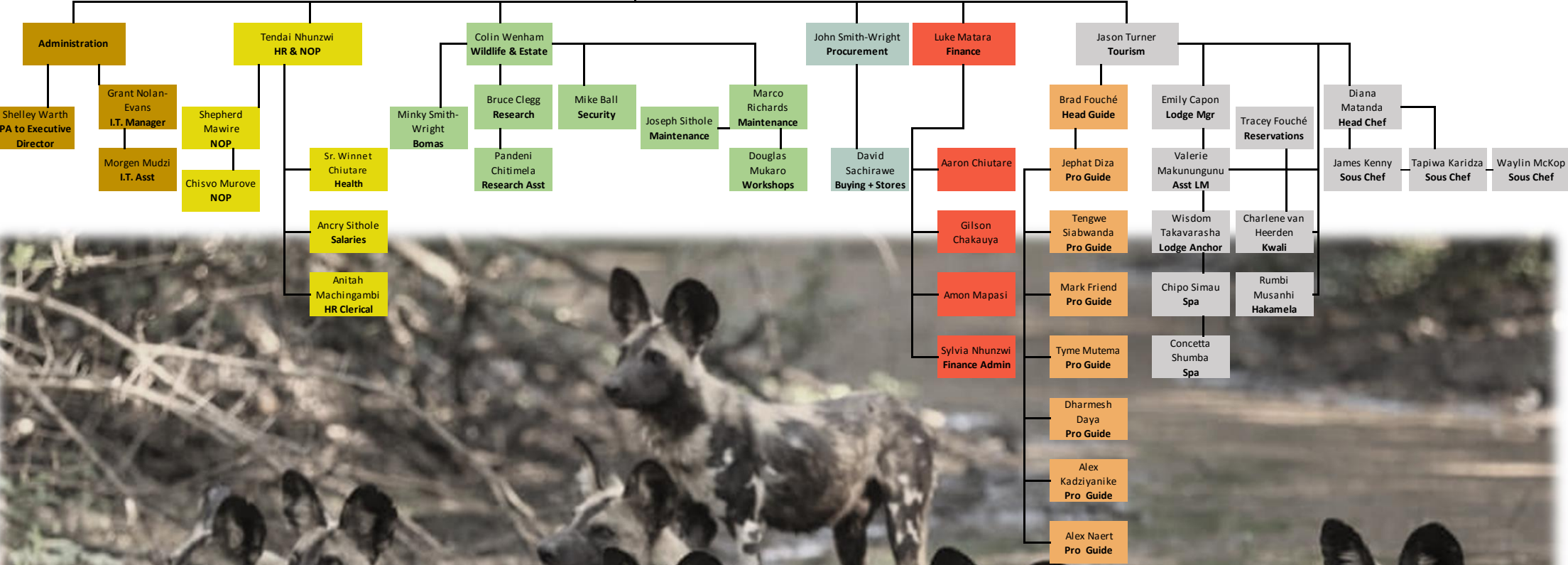
PHOTO CREDITS

- Sarah Ball
- Sarah Clegg
- Michelle Fortmann
- Jenny Hishin
- Mark Saunders
- Shelley Warth

ORGANISATIONAL CHART

Board of Trustees

Mark Saunders
Executive Director



The Malilangwe Trust

development through conservation



EXECUTIVE SUMMARY

2018 saw the inauguration of Emmerson Mnangagwa as the President of Zimbabwe, after Zimbabwe's general elections in August 2018, which were largely viewed as peaceful. It is hoped that we will ultimately emerge as a stronger nation, with a renewed appetite for foreign investment. Business opportunities do exist, but policies need to be facilitative, and the nature of investments need to be those that do not sell Zimbabwe's remarkable assets short of their true value. A new Government cabinet amalgamated the Ministries of Tourism and Environment with Honourable Prisca Mupfumira as the new Minister of Tourism and Environment.

The country's annual rate of inflation increased by 10.16% to 31.01% in November (from 20.85% in October). By 31 December 2018, consumer inflation surged to a peak of 42.09%. Significant pricing, incomes and asset valuation distortions took place in the market due to foreign currency shortages and currency uncertainty.

The Zimbabwe Stock Exchange (ZSE) was significantly volatile during the year ended 31 December 2018. The ZSE industrial index closed the year 46.3%, up on the prior year of which the final quarter alone registered a 25.9% growth.

Tourist arrivals into Zimbabwe reached 2,579,974 in 2018, 6% up from 2,422,930 recorded in 2017. The tourism sector is estimated to have generated US\$1.051 billion foreign receipts into the economy, which is a 15% growth from US\$918 million in 2017. In February 2018, the Department of Immigration announced a new visa regime which saw citizens from 28 countries being allowed to obtain visas on arrival in Zimbabwe. Of major interest are India and Ethiopia. Coupled with Zimbabwe's financial crisis were inherent fuel shortages, which affected domestic travel and continues to impact negatively on the country.

It was a busy year for Malilangwe, characterised mostly by the refurbishment of Singita Pamushana, which we feel is a great success, and feedback from the market has been positive. Singita Pamushana was closed for four months to do the refurbishment. Our tourism focus for 2019 is the refurbishment of Villa 7. It is essential that we create an environment for Malilangwe's tourism product to become profitable, and to contribute positively towards the funding of our overall operating expenses. Added to this, we are

cognisant of opportunities in Victoria Falls, to augment our product operationally.

Sadly, our proposed translocation of white rhino to Botswana was stopped by the authorities, despite having all requisite permits in place. We hope to revisit the possibility again, in the future.

Malilangwe reached a milestone of 300 rhinos on the property; this is an achievement of which we are incredibly proud. We are mindful of the fact that rhino populations need to be managed appropriately, especially in our habitat and fenced environment. We continue to explore the best translocation possibilities with due consideration of political, security, and habitat parameters. It was with consternation that we discovered one white rhino had been poached on the property, in November 2018. All the necessary follow ups took place and as such, we remain, as always, on high alert.

Malilangwe's former stables were refurbished into a state-of-the-art Security and Operations centre. In line with this, the Cadet Ranger dormitory block was built at HQ village. Visiting Board members of TUSK, who funded the CAPEX, toured the facilities, (which were still under construction) in September and the first intake of Cadet Rangers from Dhumisani Secondary School officially started the programme during December school holidays.

On 21st November 2018, the Malilangwe Scouts' selection course culminated in an emotional pass-out parade. 90 young recruits began the process, which, over 6 months, was whittled down to 22 outstanding, well-rounded, young men. Black Bean Productions were on-site to film the parade and document the choices, challenges and rewards of being a Malilangwe Scout. This short movie will be released in 2019.

We experienced a few challenges in our supplementary feeding scheme, and by year end, we had restructured the nutrition programme to enhance its effectiveness with 100% surety that all product will reach its intended beneficiaries.

Malilangwe's Conservation Education Programme continues to deliver a successful four days curriculum to 11 government primary schools in our surrounding communities.

Mwenje Primary School's E-learning facilities continue to encourage pupils and develop their computer skills. Our service provider has developed a set of goals for the school, to exhibit that this resource centre results in enhanced academic achievements.

Staff numbers grew during the year due to increased capacity at Singita Pamushana, with new guides and trackers, a Shop Assistant, and front of house staff. There were temporary staff increases in Ranch and Wildlife, with an ongoing bush clearing project.

We invited the new Board Chairman of ZPWMA - Moses Chinhengo, Director General Fulton Mangwanya, Deputy DG Geoffreys Matipano and HR Manager - Trust Mashingaidze to Malilangwe for a familiarisation tour. They took the opportunity to visit Gonarezhou to observe the operations of the Gonarezhou Conservation Trust during their three nights stay at Pamushana. It was a productive visit.

Brady Forseth from African Community & Conservation Foundation visited us in September for a familiarisation of Malilangwe and our respective projects. Brady's enthusiasm created a great deal of inspiration amongst our team.

Key operational focus and priorities for the Malilangwe Trust in 2019 are:

- Confirm best wildlife translocation strategies
- Rollout for bush clearing and fire management
- Prepare contracts and workplan for Villa 7 refurbishment and ensure timeous delivery, within budget, to a very high standard
- Refresh all community programmes
- Manage the operational and capital budget studiously to ensure absolute value in intended departments
- Analyse and refine key metrics per department with measurable outcomes for monthly management review
- Streamline reports, where possible
- Compliance audit
- Reduce the financial deficit for our donor
- Provide best platform for third party fundraising which fit the mandate, operations and ethos of the Trust
- Service excellence and fulfilment of first-hand experiences at Singita Pamushana
- Pursue sustainable living across Malilangwe and beyond

Malilangwe has solid relationships with Chiredzi District stakeholders and we appreciate their assistance and unrelenting support throughout the year.

As always, Malilangwe is grateful to the entities who provide the financial support to the Trust throughout the year, enabling us to fulfil our mandate. We are resolute in finding innovative and sustainable ways to complement our revenue streams.

To the pillars of Malilangwe - Board of Trustees – Mr Sternford Moyo, Dr Liberty Mhlanga, Mr Benoit Fayd'herbe and Chairman, Mr Nick Fawcett, thank you for providing wisdom and direction in the Trust's operations.

My Executive Team - Colin Wenham, Luke Matara, Jason Turner, Tendai Nhunzwi, Marco Richards and John Smith-Wright, thank you for your support and consistency in driving Malilangwe, through your respective roles, to be an icon in Zimbabwe. Thank you to my Personal Assistant, Shelley Warth, for her anchor role to my office and beyond.

I would like to express my gratitude to ALL Malilangwe staff for their commitment to the Trust in 2018. It has been a challenging year, with many developments in our country. I urge you all to remain steadfast and focussed on what our task on this property is – striving for best practise, consistently, in everything we do – that is what we expect of each and every one of us.

Yours faithfully,



A handwritten signature in black ink, which appears to read "M. Saunders". The signature is stylized with a long horizontal stroke at the bottom.

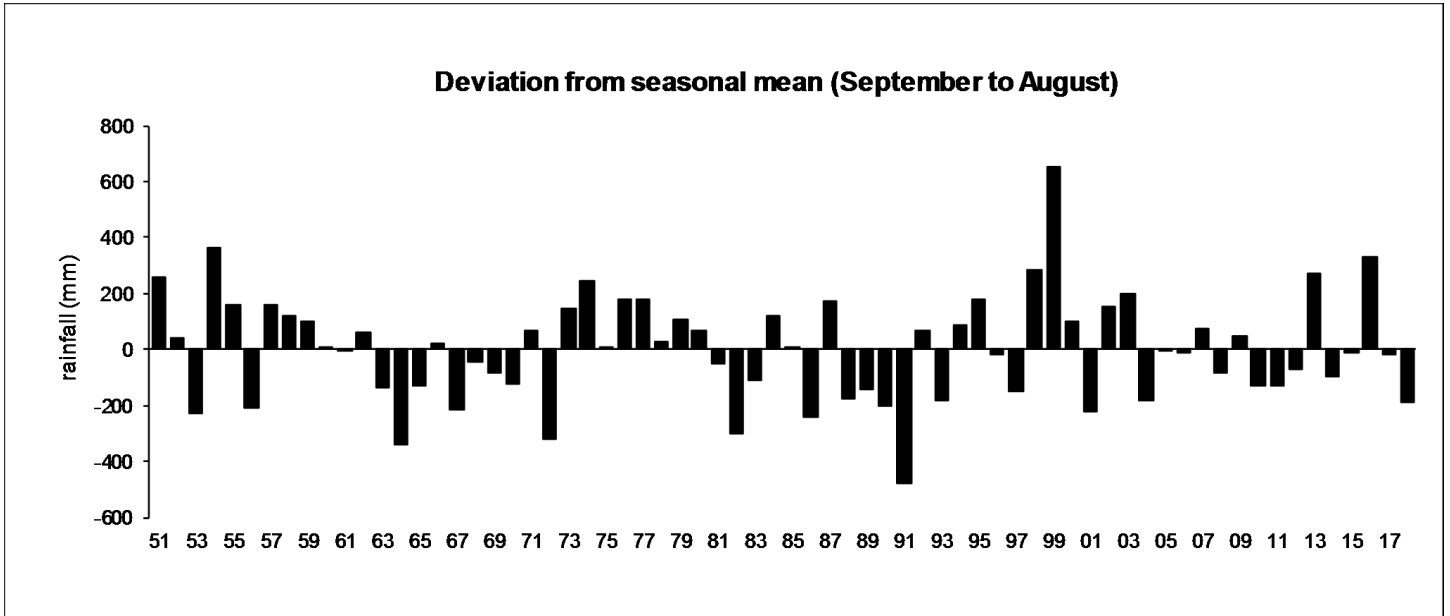
MARK SAUNDERS
EXECUTIVE DIRECTOR

There are many pragmatic arguments for why conservation is critically important, after all, as Stuart Udall famously said, "Plans to protect air and water, wilderness and wildlife are in fact plans to protect man". However, there is more to conservation than cold practicality. Wild places are powerfully spiritual and, as a result, they are capable of generating human emotions rarely felt in man-made environments. At Malilangwe we protect wild ecosystems because we believe that they are essential for both the physical survival and spiritual well-being of people. Where possible, our decisions are based on scientifically collected data, and we consider this strategy to be an important ingredient of our past, present and future success – Dr Bruce Clegg, Resident Ecologist, The Malilangwe Trust

WILDLIFE & ESTATE

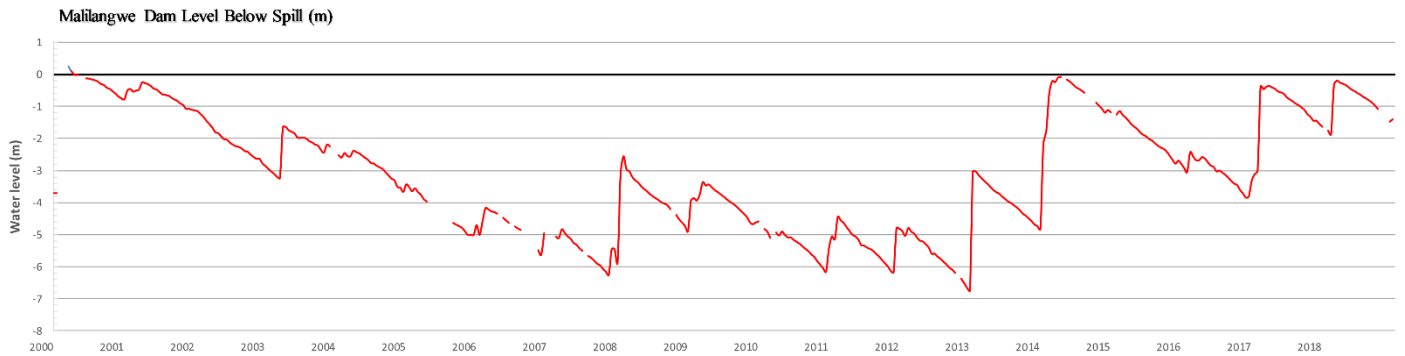
RAINFALL

The seasonal total (September to August) was 400,1mm.



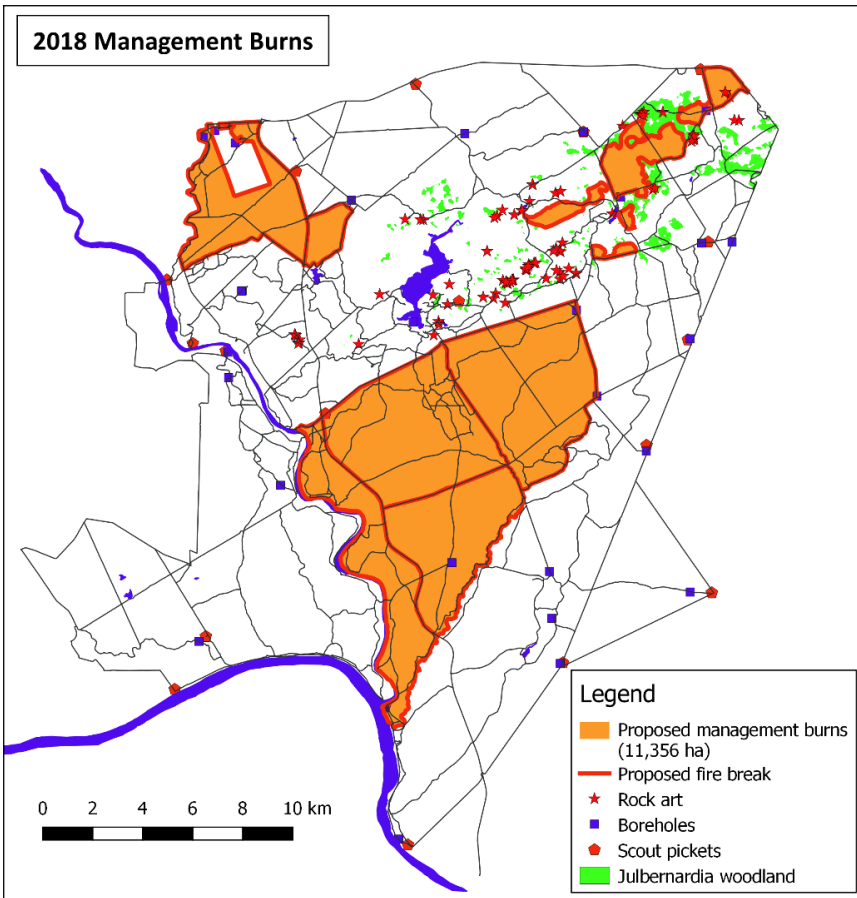
LEVEL OF THE MALILANGWE DAM

The level of Malilangwe Dam was 1.4m below spill as at 31st December 2018.



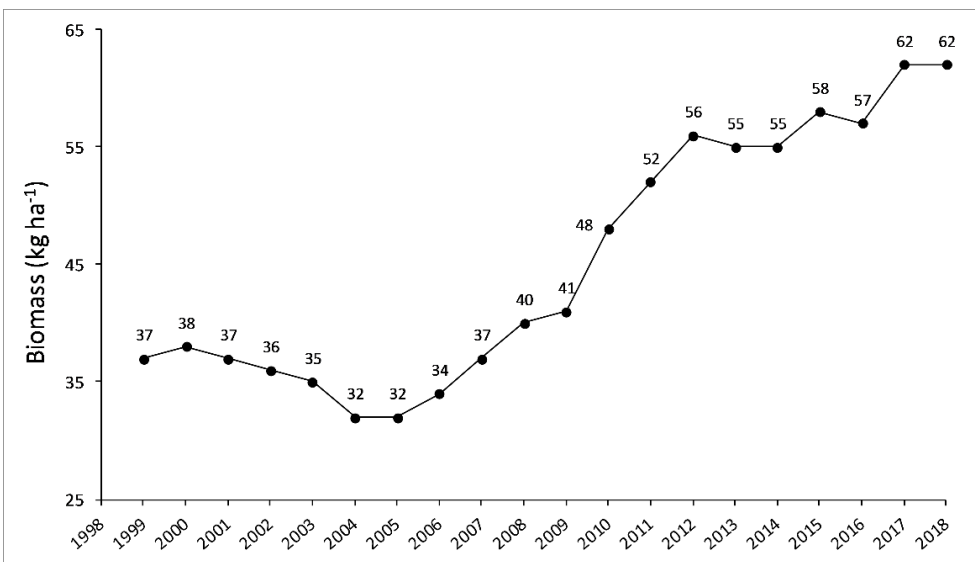
WILDLIFE TRANSLOCATION, SALES & REMOVALS

Malilangwe did not do any wildlife translocations, nor sales and removals during the year. The planned export of 24 white rhinos to Botswana was stopped by the authorities on the second day of capture. Despite all permits being received prior to capture, Malilangwe was instructed to stop the project and release the four rhinos that had been captured and put into bomas. We continue to investigate safe and viable areas to move some of Malilangwe's white rhinos to, as biological indicators reveal that we have reached density dependence.



MANGAGEMENT BURNS

11,000 hectares were burned in October and November 2018. Note the firebreak which had an internal burn in the north east of the property. The full management burn plan is depicted on the map.



BIOMASS ESTIMATES

Biomass = average mass per species x respective population of each species.

Information gathered from the annual game census in October 2018 indicates that the biomass for large mammals for 2018 was 62kg/ha. This is on par with the 2017 biomass figure, as indicated in the graph.

ANNUAL GAME CENSUS SUMMARY 2018

Malilangwe's annual aerial wildlife census took place from 1 to 10 October 2018, conducted by our Research team in conjunction with helicopter pilot, Greg Taylor and ZS-REV. The table shows an estimate of some of the key species on the reserve.

	2018
Buffalo	1,934
Bushbuck	138
Eland	220
Elephant	288
Giraffe	443
Hartebeest	90
Hippo	126
Impala	6,963
Kudu	931
Nyala	64
Sable	87
Warthog	149
Waterbuck	297
Wildebeest	389
Zebra	1,105



HABITAT MANAGEMENT

Sensitive bush clearing was done at Sosigi Dam, creating an enhanced game viewing opportunity (pictured below). In line with sustainability initiatives, certain dead trees will be selected and repurposed for construction projects, etc. Malilangwe's "Bull Hogg" has addressed other areas of bush encroachment through significant bush-clearing work in strategic areas, in a planned process, to ensure only targeted species are managed accordingly.



RESEARCH

RESEARCH PROJECTS / STUDENTS



Allan Tarugara continues his studies at Malilangwe processing data for his second year of M Phil (Wildlife Ecology & Conservation), Chinhoyi University of Technology. His study is focused on leopard population ecology, which he has established to determine the numbers and sex ratios of leopards at Malilangwe.

"My research seeks to better understand the population dynamics and behavioural ecology of leopards in savannah environments using information from camera traps and GPS collars. I enjoy working at Malilangwe because I am surrounded by an experienced and knowledgeable team, who have taken the time to develop me extensively as an academic and student ecologist."

Allan's year was largely constituted by the write-up of his first two papers which were published in 2019:

1. Tarugara A, Clegg BW, Gandiwa E and Muposhi VK. 2019. Cost-benefit analysis of increasing sampling effort in a baited-camera trap survey of an African leopard (*Panthera pardus*) population. *Global Ecology and Conservation* 18:e00627).
2. Tarugara A, Clegg BW, Gandiwa E, Muposhi VK and Wenham CM. 2019. Measuring body dimensions of leopards (*Panthera pardus*) from camera trap photographs. *PeerJ* 7:e7630).

Allan is now in his tenth year at Malilangwe, after gaining MSc Hons in Forest Resources & Wildlife Management. In 2020, Allan will be further enhancing his studies to PhD.



Karen Tuytens (University of Belgium), successfully defended her PhD. It took longer than she had anticipated due to completing her studies, whilst working a full-time job at the Flemish Agency for Nature and Forest. Karen's study, "Ecological dynamics of temporary ponds in subtropical savannah habitat" includes research on the diversity of macro-invertebrates in Malilangwe's temporary freshwater pans and the factors that influence the number and types of organisms. This includes soil types, the types and numbers of animals that visit the freshwater pans and whether they transport these organisms and how their dung affects the pH of the water.

RHINO CONSERVATION

EAR NOTCHING OPERATIONS

The Malilangwe Trust works closely with Zimbabwe Parks and Wildlife Management Authority (ZPWMA) in all matters of wildlife conservation. At the start of every year, Malilangwe makes application to ZPWMA for a permit to dart and ear-notch specifically identified numbers of both white and black rhino calves. The exercise is carried out on rhino calves, from 13-months- old and data, including sex of the rhino ear notched, is shared with ZPWMA. Darting is done from a helicopter and Malilangwe, through ZPWMA, gets authorisation from the Ministry of Defence for overflight and landing clearance to carry out this important operation. ZPWMA Officers are on site to monitor the routine exercise. In 2018, the Wildlife team successfully darted and ear-notched 18 white rhino calves and 12 black rhino calves in April and August respectively. The rhinos unique ear notches (linked to a number system) make them easily identifiable in the field.

POSSIBLE DESTINATIONS FOR WHITE RHINOS IN 2019

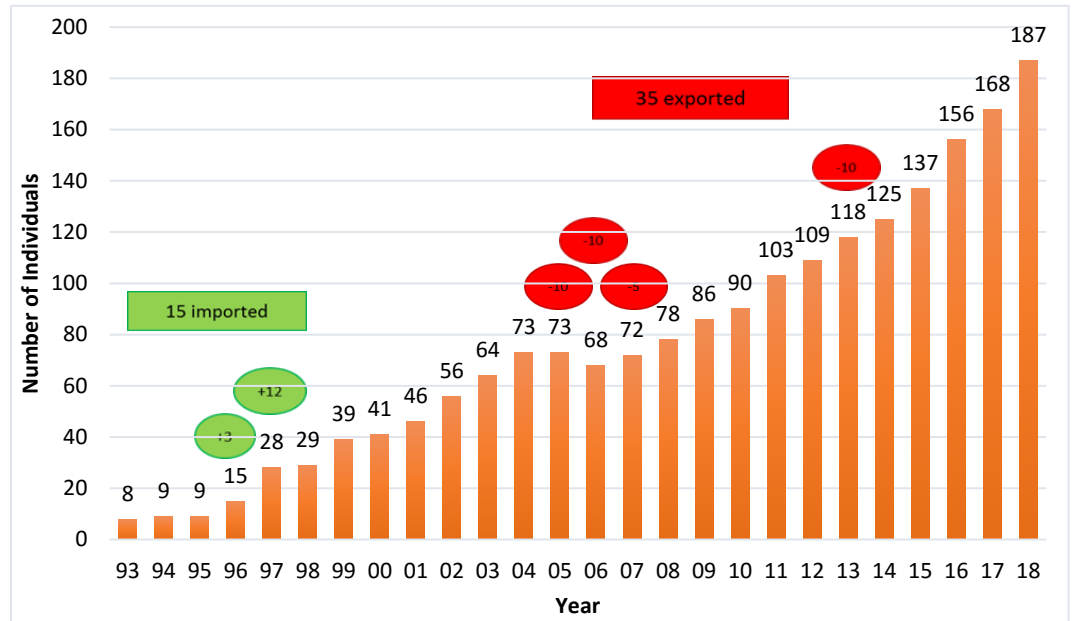
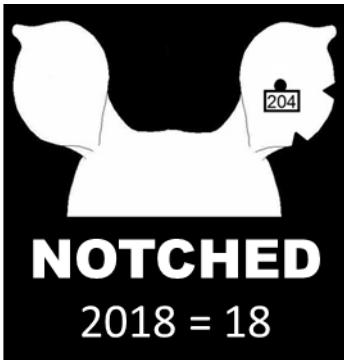
Malilangwe are cognisant of an overrun in both black and white rhino populations on the property. We continue to seek appropriate areas, which are secure, to translocate some of these animals. Together with Rhinos Without Borders, possible destinations for white rhinos are being sought in Botswana, for 2019.

RHINO POACHING – SOUTH AFRICA

South Africa's Department of Environmental Affairs announced official rhino poaching figures, showing that the number of rhinos killed in South Africa had dropped from 1,028 in 2017 to 769 in 2018. Although there has been a gradual reduction in poaching in South Africa, these figures are still alarmingly high. In Zimbabwe, we work closely with conservancies bordering South Africa to try and assist in addressing their poaching issues.



WHITE RHINO POPULATIONS

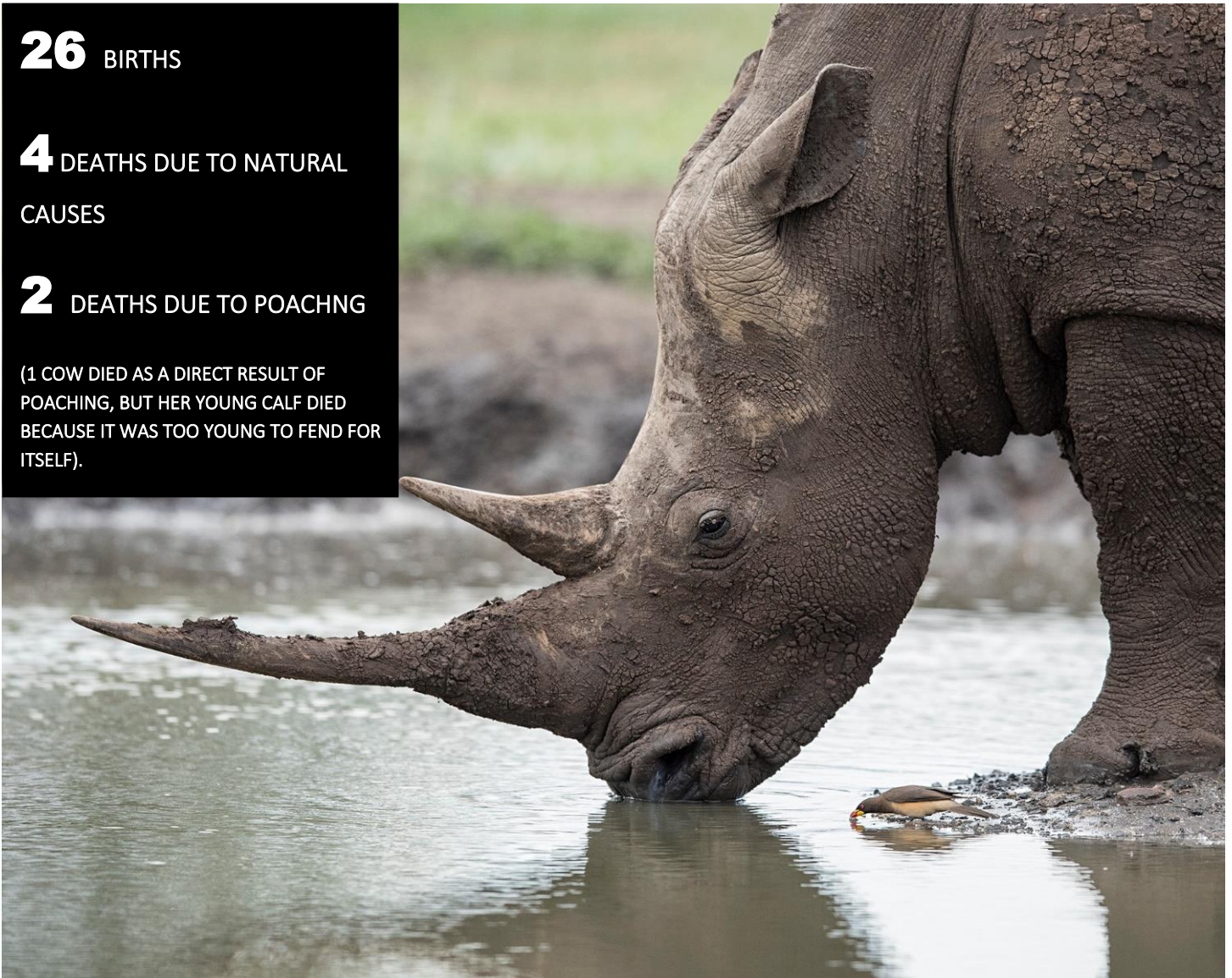


26 BIRTHS

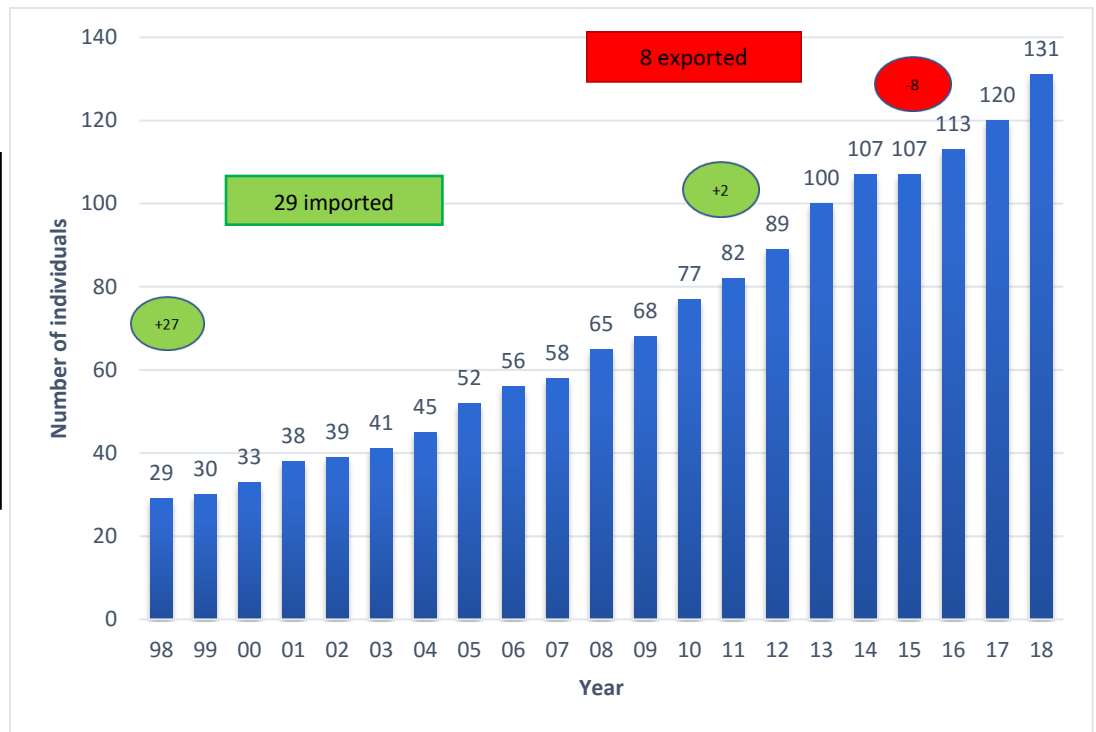
4 DEATHS DUE TO NATURAL CAUSES

2 DEATHS DUE TO POACHING

(1 COW DIED AS A DIRECT RESULT OF POACHING, BUT HER YOUNG CALF DIED BECAUSE IT WAS TOO YOUNG TO FEND FOR ITSELF).



BLACK RHINO POPULATIONS



13 BIRTHS

2 DEATHS DUE TO NATURAL CAUSES

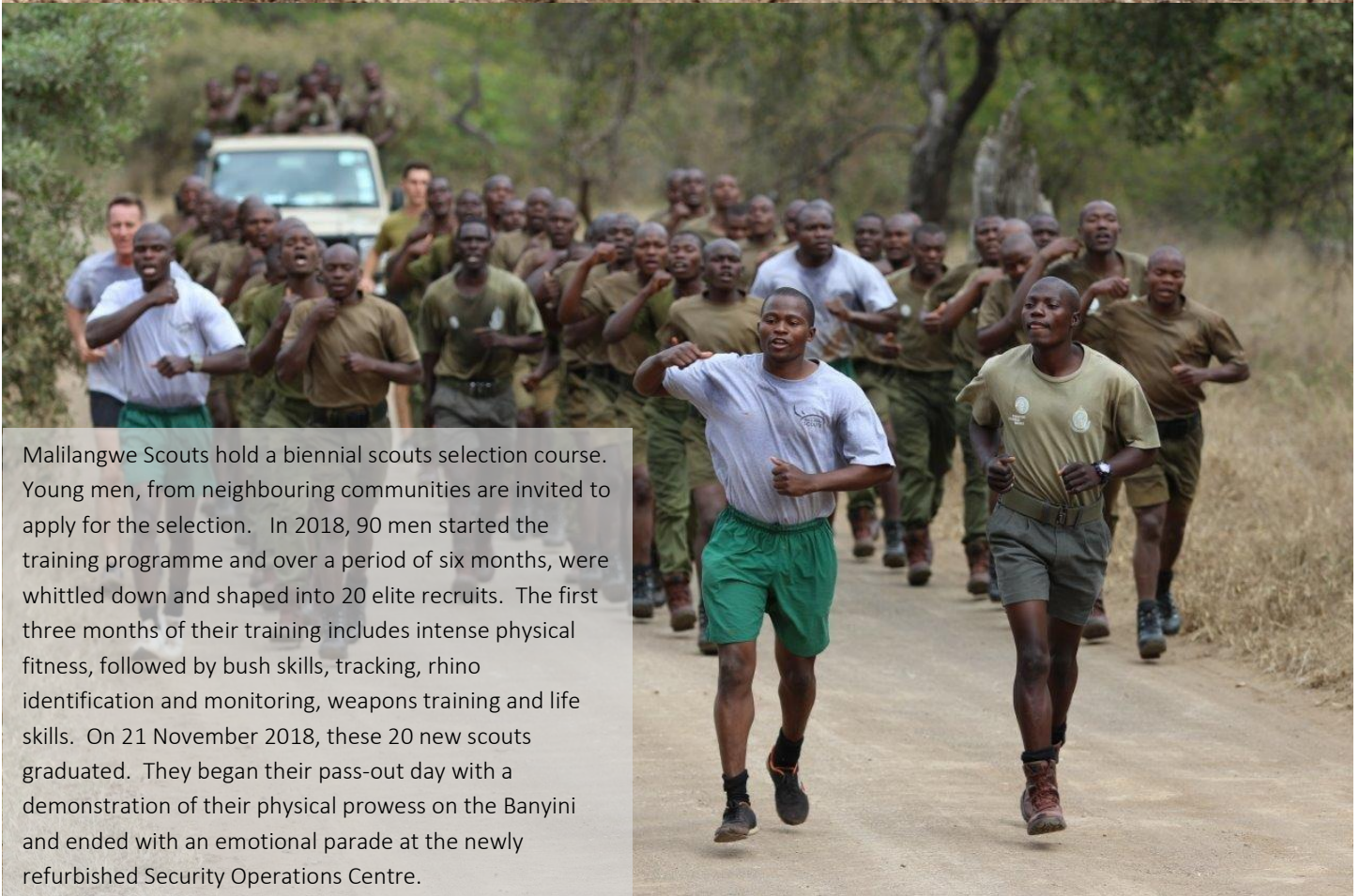
0 DEATHS DUE TO POACHING

SECURITY: ANTI-POACHING & WILDLIFE PROTECTION



89 SCOUTS

121 KM PATROLLED DAILY



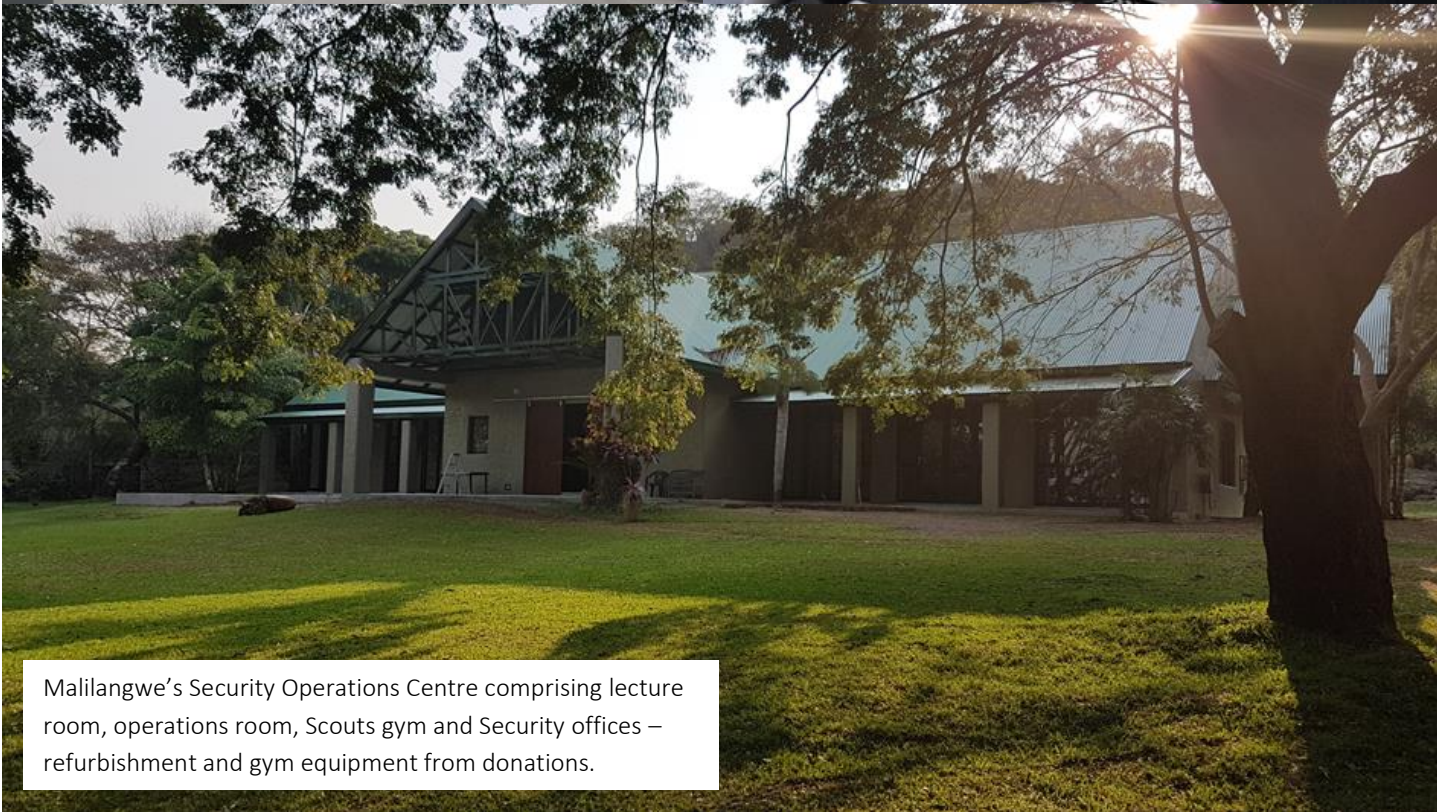
Malilangwe Scouts hold a biennial scouts selection course. Young men, from neighbouring communities are invited to apply for the selection. In 2018, 90 men started the training programme and over a period of six months, were whittled down and shaped into 20 elite recruits. The first three months of their training includes intense physical fitness, followed by bush skills, tracking, rhino identification and monitoring, weapons training and life skills. On 21 November 2018, these 20 new scouts graduated. They began their pass-out day with a demonstration of their physical prowess on the Banyini and ended with an emotional parade at the newly refurbished Security Operations Centre.



In 2018, the Security team had the following achievements:

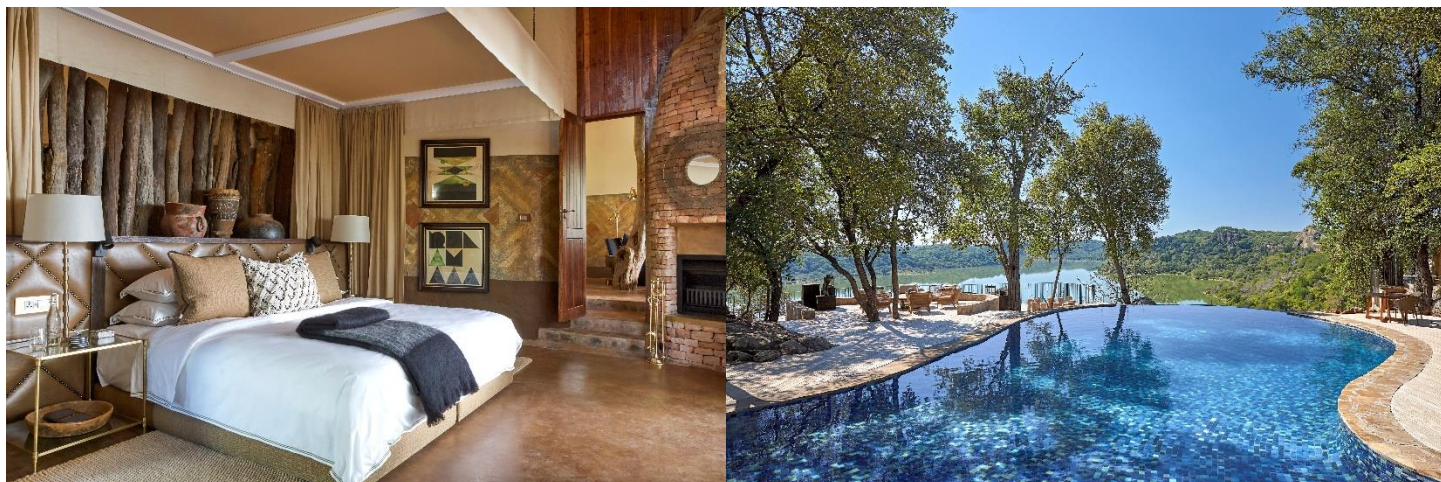
- Consistent physical training – every 3 months Scouts did physical fitness re-training
- 6 months selection course completed = 20 new Scouts
- Security Operations Centre constructed from donations
- Scouts Gym constructed from donations
- Gym equipment purchased from donations
- Assault and obstacle course created and assembled
- Cadet Ranger facilities constructed
- Short documentary movie on The Malilangwe Scouts was filmed by Black Bean Productions
- Photographic shoot with professional photographer, Michelle Fortmann
- Mentorship and training of the inaugural Cadet Ranger Programme
- Joint training days with Scouts from Gonarezhou Conservation Trust (GCT) – good team building exercises between neighbouring properties, where collaboration is important

**Laha ti mhelembe tinga tshutsheka.....
(Where rhinos run free)**



Malilangwe's Security Operations Centre comprising lecture room, operations room, Scouts gym and Security offices – refurbishment and gym equipment from donations.

TOURISM



SINGITA PAMUSHANA was closed for four months from 15 January to do a major refurbishment of the main lodge and rooms 1 to 6 including the Spa, as well as creation of a Boutique. At the same time, two management houses were converted into lodge rooms to increase the lodge's capacity by 33% (with an additional 8 new beds from the newly converted, now rooms 8 & 9). The refurbishment ran on schedule with a monumental effort from the Malilangwe Executive team, who ensured that deadlines were not exceeded and that the overall spend did not run over budget. The lodge reopened on 14 May, and the two new villas were operational from 20 June. The gardens have had a complete indigenous makeover, landscaped by a local specialist and we are incredibly pleased with the first impression they give. The results of the refurbishment have been well received by guests and our trade partners alike, and we hope to see this translate into greater demand for Pamushana. We are determined to exhibit a justification of the costs embedded in the refurbishment. As a result of adding two new rooms and repositioning the bar, lodge management have had to adjust some processes to ensure guests delivery has not been affected. Areas lacking in this regard will be addressed in 2019, after we have had time to assess the logistics and practicalities of our daily operations, so that we respond in the appropriate manner. Pamushana Boutique and Gallery has been outfitted and staffed, and we hope it will return a profit as a business unit.

With the launch of the new-look Pamushana, we took the opportunity to realign the food experience to complement the encounters and expectations of our Singita guests and to try to streamline the operation by reducing costs. Unfortunately, we are not seeing a reduction in food costs due to incessant increases in local supplies, attributed to the Zimbabwean economic crisis. As such, the lodge has had to import some speciality items from South Africa and will likely continue to do so for foodstuffs that are not locally available. Diana Matanda was appointed as Singita Pamushana's Head Chef in August 2018. Diana had worked in the Pamushana kitchen as a Sous Chef for several years, and thoroughly deserves this elevation. She has benefited hugely from the mentorship of Chef Liam Tomlin. Since Diana's appointment, the Kitchen has gained in strength and determination, creating incredible culinary adventures for our guests.



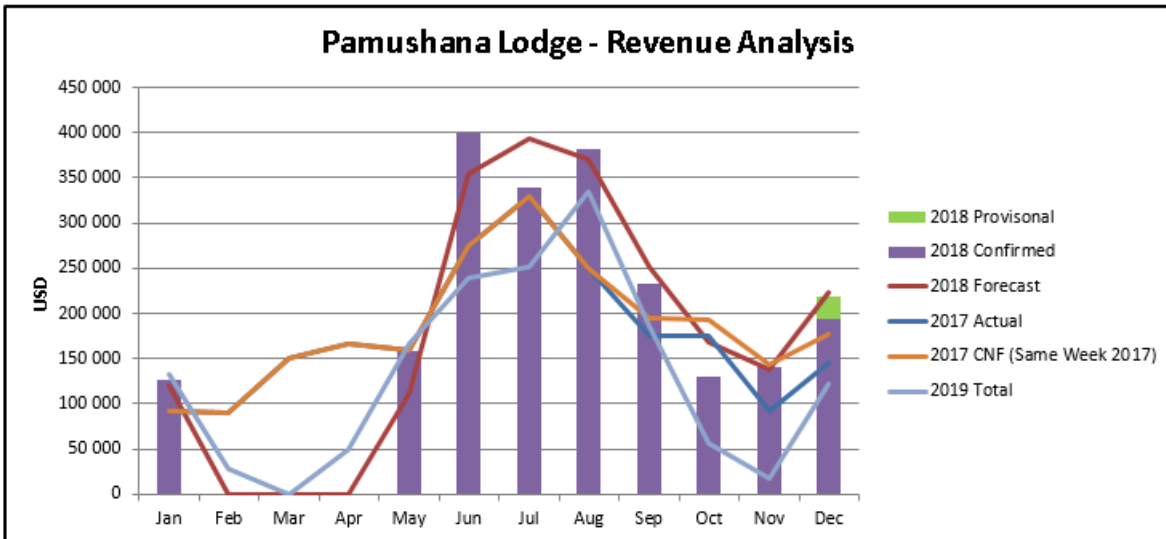


	PAMUSHANA LODGES 1-6		PAMUSHANA VILLA #7	
		Prior yr		Prior yr
% Occupancy Achieved	40%	44%	13.3%	35.5%
% Occupancy <\$250 pp	0.0%	0.0%	0.0%	0%
% Occupancy total	40%	44.4%	13.3%	35.5%
% Occupancy Budgeted	50%	55%	35%	35%
% Occupancy Difference	-10%	-11%	-22%	0.5%
January	39%	31%	36%	16%
February	0%	34%	0%	0%
March	0%	64%	0%	48%
April	0%	61%	0%	27%
May	48%	55%	29%	19%
June	63%	80%	73%	73%
July	73%	85%	68%	61%
August	83%	82%	42%	81%
September	51%	61%	27%	23%
October	28%	68%	0%	45%
November	39%	34%	17%	0%
December	49%	44%	13%	35%
YTD AVERAGE	39%	58%	25%	36%
BUDGETED YTD OCC %	39%	55%	32%	35%
DIFFERENCE	0%	3%	-7%	0.7%

Villa 7 was not part of the 2018 refurbishment, as it will have its own scope of works, which will begin in January 2019. The plans for this refurbishment include a complete interior makeover, transformations to the Villa's kitchen and dining areas (to ensure the full Singita dining experience can be delivered as a private offering), as well as various changes to the Master-Wing.

Singita Pamushana's occupancies for 2018 are depicted in the table, with comparisons to 2017's figures. Please note that Lodges 1 to 6 also include the additional two rooms (8 & 9), which were occupied from July 2018. 2018's decrease in occupancy versus 2017 is due to the lodge closure for refurbishment. The busiest month of the year in Rooms 1 to 6, 8 & 9 was August with 412 bed nights and Villa 7's busiest month was June with 22 bed nights.

Actual revenue achieved for the year is as follows:
 Rooms 1 to 6, 8 & 9 USD 2,112,932.00
 Villa 7 USD 688,057.00



Our successful partnership with Singita is now in its tenth year. The annual consultative meeting between Malilangwe and Singita was held in Cape Town in September, which we had the Chairman, Nick Fawcett, attend for the first time.

Federal Air continues with twice-weekly flights to Buffalo Range Airport for guests' arrivals and departures via OR Tambo Airport, Johannesburg. Malilangwe has generated some revenue by offering unutilized seats on our charter flights to guests of Chilo Gorge Lodge. With Halstead's Aviation Corporation, we have been able to offer guests a flight route Harare – Lonestar - Victoria Falls – Lonestar – Harare. We are a founder member of Lowveld Air, which flew Mondays and Thursdays (passengers permitting) between Harare and Buffalo Range from 30 April to 29 October.

SINGITA PAMUSHANA GUIDES UPDATES

With guest numbers increasing at Pamushana and the number of private vehicles requested for safaris, the Guiding team added two new charismatic guides to their team in 2018:

Alex Kadziyanike (Professional Guide) has many years of experience in luxury safari establishments both in Zimbabwe and Tanzania. Alex has worked as a professional guide, professional hunter, an Operations Manager on Lake Kariba, a Head Guide and Acting Manager at various bush camps. Alex's repertoire includes game drives, walking safaris, boat cruises and canoe trips and he has managed other guides and overseen their training.

Alex Naert (Professional Guide) speaks four languages fluently. He has lived in various parts of the world and traversed remote and wild corners of Africa. Alex obtained a FGASA licence at age 19 and worked with world famous conservationists. He trekked 17, 000 km from East to West in Australia, before moving back to Africa. In 2016 he got his full Professional Guide qualification in Zimbabwe. Alex and his wife, Marie, have found a way to pursue their passion of capturing and sharing the power of beauty of life in the wild with others.



The Guiding Team is committed to continually updating their wealth of knowledge about the bush and Malilangwe's rich heritage. To this end, Paul Hubbard, (nominated by the UK Telegraph in 2012 as "the best archaeological/historic/socio-political guide in the country"), visited Malilangwe to steer our Guides through key archaeological facts and assessments on how to deliver our rock art to guests. Paul is an Associate Researcher at the Natural History Museum in Bulawayo.

WILDLIFE SIGHTINGS AND ACTIVITIES

No day is the same out in the bush and Guides keep logs of sightings and wildlife experiences from their various activities. Jenny Hishin, guest Guide and Wildlife Photojournalist, visits the property every quarter to capture scintillating stories through her lens, which she then shares in the monthly Singita Pamushana Wildlife Journal.

Some of 2018's epic wildlife sightings have included:

Lions – wonderful sightings of the various prides on Malilangwe. The River Pride and Northern Pride happened upon each other at Sosiji and ensued in a thunderous brawl. Hyenas gate crashed the commotion, believing a free meal might have been on offer!





Wild Dogs – a pack of 14 seen regularly on game drives, usually on the hunt.

Leopard – Sparse landscape in the drier months provides for exquisite leopard sightings. The rocky outcrops near Pamushana Lodge were graced by a female leopard and her cub, hunting dassies. The male leopard was seen briefly with the pair near the helipad.

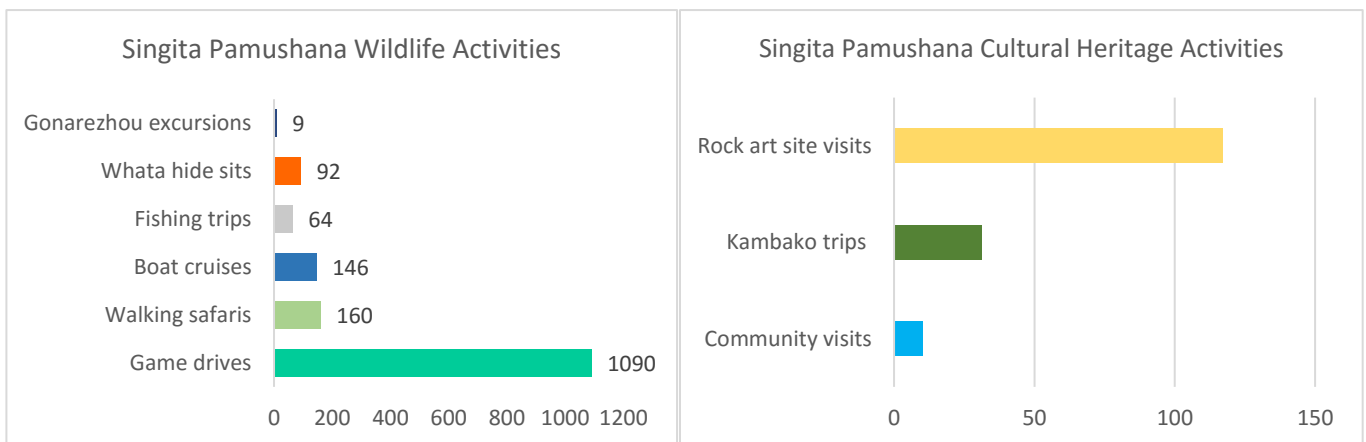
Cheetah – numerous findings of two territorial brothers throughout the year.

Rhinos – while on a sunset boat cruise, a highlight was seeing a black rhino eating the fallen fruit from a sausage tree, and then suddenly charging into the water and causing an enormous spray of water to drench the boat and its passengers!

A most endearing sighting was that of a white rhino calf, less than a week old, stumbling around under the watchful eye of the mother.

Elephants - sightings have been excellent, especially of breeding herds with their young ones. A highlight of one of the boat cruises was watching about 15 elephants swimming in the mouth of the Nyamasikana River.

Guests of Singita Pamushana have an abundance of activities to choose from, due to the diverse nature of Malilangwe and its surrounds. The graphs below give a snapshot of guests’ activities throughout the course of the year.



HAKAMELA CAMP

A busy year for Hakamela, with a total of 3,158 bed nights. The busiest month was September (475 bed nights) with bush education trips from private schools, Hippo Valley and Ruzawi. There were 23 Conservation Education classes throughout the year, as well as Dangerous Drugs course in February and Girl Child Empowerment Forum in April.

KWALI CAMP

Kwali had a total of 1,766 bed nights attributed to students, contractors, interviewees, Dangerous Drugs course participants, Rhino operations personnel and other business-related visitors to the Trust. The busiest month was May (396 bed nights) which included Falcon High School's Conservation Club and contractors for Pamushana's refurbishment.

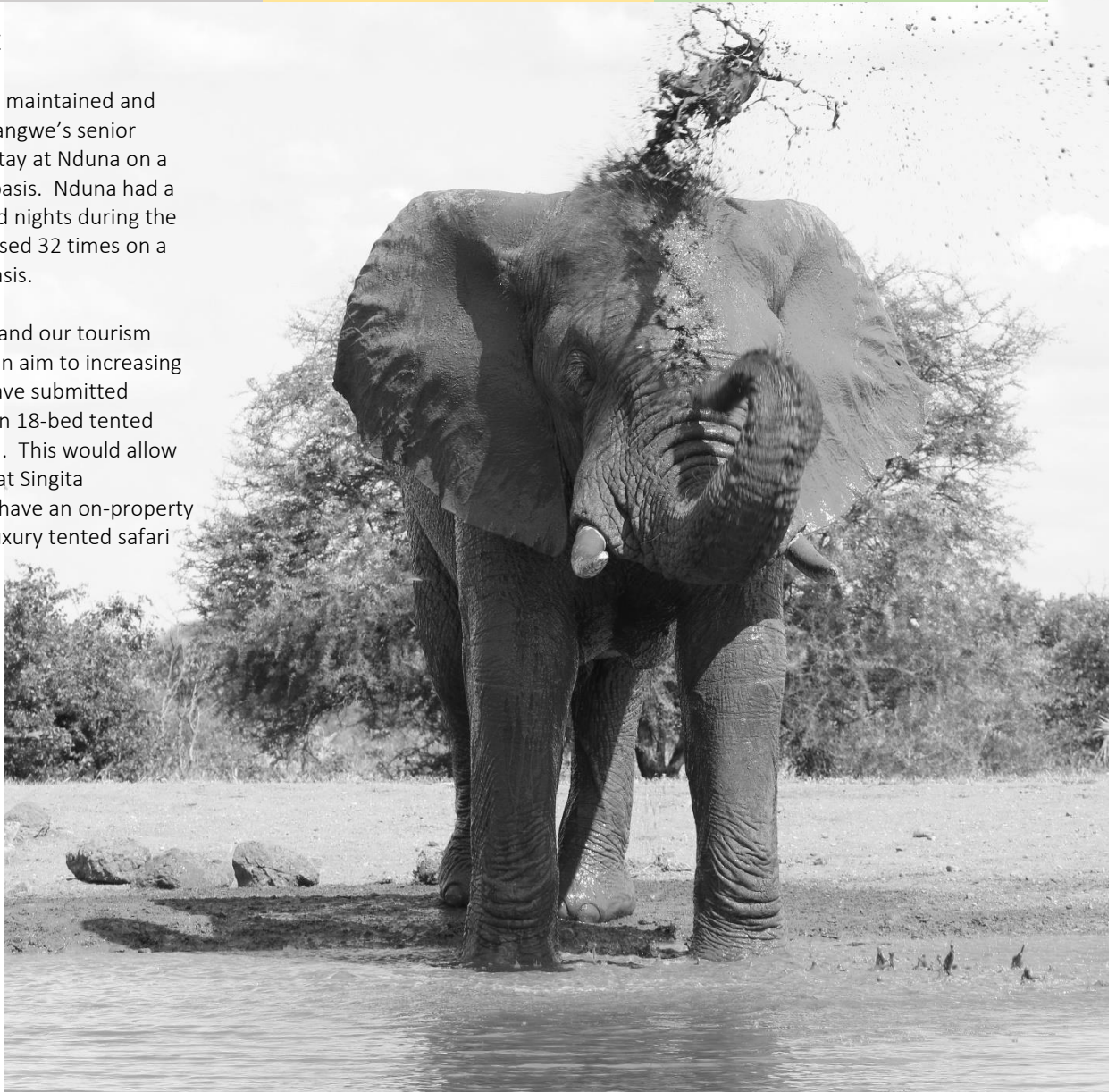
SIMBIRI CAMP

With two cottages being utilised as staff accommodation, only Simbiri 3 and 4 are available for visitors to the Trust. Simbiri had a total of 406 bed nights during the year, comprising mainly of contractors who were involved in the refurbishment of Pamushana. A group from WildAid, who were here to collect photo stock footage of Zimbabwe stayed for a few nights, as well as Black Bean Productions for 10 nights. All catering for Simbiri guests is done at Kwali.

NDUNA LODGE

To keep Nduna maintained and serviced, Malilangwe's senior management stay at Nduna on a cost recovery basis. Nduna had a total of 631 bed nights during the year and was used 32 times on a self-catering basis.

In order to expand our tourism offering, with an aim to increasing revenue, we have submitted proposals for an 18-bed tented camp at Nduna. This would allow guests staying at Singita Pamushana to have an on-property circuit with a luxury tented safari experience.



NEIGHBOUR OUTREACH PROGRAMME

CHILD SUPPLEMENTARY NUTRITION SCHEME

Some challenges were identified in our Child Supplementary Feeding operations. It was discovered, after receiving reports of irregularities, that food was not being received by its intended beneficiaries. The monthly reports from NOP’s field monitors were inconsistent with actualities on the ground in many areas. Consequently, this led to a rationalisation of our programme, which would limit the food to schools only. We engaged with the Chiredzi Rural District Council to seek guidance on how to approach this and with a process of engagement, we will change the product from corn soya blend porridge to mahewu. The scope of the programme will increase to include all school pupils up to Grade 7 in some schools, where before it only involved the young children in the Early Child Development classes. The Malilangwe Nutrition Scheme will be launched in 2019.

CONSERVATION EDUCATION PROGRAMME

Malilangwe’s Conservation Education Programme (now in its seventh year) saw a total of 585 students in 23 groups from 11 Government schools in the surrounding communities. This four-day educational is designed to familiarise Grade 6 students (ages 11 to 15) with the concepts of sustainability, wildlife conservation, environmental processes, Shangaan cultural heritage and an array of life skills.



DONATIONS FOR SCHOLARS SPONSORSHIPS



Miriam Mashava (sponsored by Samir & Sheila Doshi, in conjunction with Malilangwe) has completed her first year at South Eastern College in Lower 6th Form. Initially, Miriam had to adapt from her former rural lifestyle to attend a private boarding school in a modern society, surrounded by technology and life skills that she had never previously known nor been exposed to. We are humbled at how graciously she did this, in addition to putting a lot of effort into her studies. We monitored her progress throughout the year and watched as her grades averaged or bettered each term. It was very rewarding to attend South Eastern College’s Awards Ceremony in October 2018 when Miriam was presented with an award for Netball and she was made Head of House Prefect because of her kind, maternal nature.

Rudrick Mahenye (sponsored by Joost & Clara Clijsen since 2013, together with Malilangwe) has had to adjust to his first year in high school as a boarder at Mashoko High School. He has performed well, attaining average grades throughout the course of the year.

BURSARIES

Malilangwe continues to sponsor scholarships for four young women at Great Zimbabwe University, who are studying BA Hons in African languages and culture: Ratidzo Aaron, Tsakani Baloyi, Alletah Matsilele and Rebecca Matumba.

Allan Tarugara is also a beneficiary of Malilangwe’s bursary scheme in his second year of M Phil at Chinhoyi University of Technology.

MALILANGWE'S CADET RANGER PROGRAMME



An augmentation of The Malilangwe Scouts, the Cadet Ranger Programme's inaugural course started on 10 December 2018. 22 boys (16 to 19 years) were recruited from Dhumisani Secondary School in September 2018. The curriculum for the course was approved by The Ministry of Education and will be held over a period of 9 weeks throughout the course of the year (December 2018 to December 2019) during school holidays. Three of the boys are orphans, either living with elderly relatives or taken in by the community. Several come from abusive homes. Two come from polygamous families. One boy, an orphan, walks 15km to and from school every day and dreams of becoming an astronaut.

When the boys arrive at Malilangwe, they are placed under the direct supervision of Senior Scout Sergeant Gibson Manyame, and he is assisted by duty Malilangwe Scouts. Accommodation is in purpose-built dormitories, 11 boys in each, all located within the same complex. CAPEX was funded through TUSK to develop dormitories, ablutions, laundry and kitchen facilities. Members of the TUSK Board were able to tour the facilities, still under construction, in September 2018.

Duties within the complex are shared amongst the cadets. One group is responsible for cleaning, another will wash, whilst a third will prepare and cook all meals for the day. Cadets received instruction in food handling and hygiene as well as preparation of delicious meals. By the end of the module in December, cadets were responsible for all their own catering. Daily inspections of the cadets' accommodation and living area were carried out by senior staff. The standard of cleanliness, and level of tidiness expected was explained. If this standard wasn't attained by the entire group, all cadets would receive a punishment in the form of physical activity. The aim was to encourage high standards and teamwork. For most of these young cadets, many of them had never slept in a bed, used flush toilets or even brushed their teeth with a toothbrush and paste before. Most had to learn these acts, commonplace in the developed world but completely alien to these boys!

Health and exercise are an important part of the programme. Cadets start each morning with some form of physical activity. Warm up sessions, followed by a bush run, circuit training and gym work or "murder ball", which is a very competitive team game with few rules and enjoyed by all! Each session was instructed and accompanied by senior scouts.

Conservation education was led by Mrs. Debbie Kelly, a qualified teacher (employed at a Zimbabwean private school) and professional guide. Activities were both in the classroom and out in the field, emphasis was on practical work and group discussion. Bush Skills is

instructed by Senior Scout Sergeant Phibion Salani. Phibion has 20 years' experience on The Malilangwe Trust. He is a very experienced scout who is passionate about traditional skills and passing this knowledge onto the next generation. All sessions were conducted in the field, supported by written material for revision purposes.



First Aid instruction was taught by Sister Ruth Dabbs. Lessons were both theoretical and practical. Most of the cadets had never received any form of first aid training, all were very interested. Sister Winnet Chiature spoke to the cadets on the importance of healthy living and making good life choices. She covered alcohol abuse, smoking, drugs, HIV/AIDS awareness, plus sexually transmitted diseases.

Leadership and Personal Development (LPD) took the form of team building exercises. Shepherd Mawire (NOP), encouraged the cadets to work together devising strategies and solving problems. The cadets engaged in public speaking. Talking on a variety of subjects to encourage confidence and quick thinking. Study time in the evening allows for revision periods. During this module all boys were required to keep a diary which they completed each day.



MWENJE PRIMARY SCHOOL E-LEARNING PROJECT

With 50 laptops in this eco-friendly classroom, the students at Mwenje Primary School continue to benefit from first-hand learning experiences with computer technology. A donation of a 3G router, and bandwidth for one year of 30GB per month has further enhanced this education tool. Our service provider does ongoing training with teachers to keep the curriculum up to date. E-Learning's service provider will be tracking pass rates at each grade level, setting targets for end of year exams. The benefit of this will be to improve academic results from Early Child Development level up to Grade 7.

KAMBAKO LIVING MUSEUM OF SHANGAAN CULTURE

Kambako Village showcases Shangaan culture and historical bushcraft skills through live demonstrations and interactions. Since 2011, Julius Matsue and his family have offered an authentic experience to visitors. Guests of Singita Pamushana and any visitors pay a donation of USD60 per person to support the livelihood of the villagers. Malilangwe pays a monthly retainer to Julius and nine villagers of USD3,840 annually.



MAPAKO EGGS PROJECT

Initiated in 2014, Mr Mapako of Khomonani Village established a chicken layers enterprise with 140 layers. The project was funded by Malilangwe, but sole ownership was given to Mr Mapako. Malilangwe purchases 600 eggs per week from the project and these are deducted from the capital cost. The remainder of the profits are Mr Mapako's. There is potential to create a small-scale fish farm, to complement this project.

KHOMONANI IRRIGATION SCHEME

This project was re-established in 2018 with the introduction of a new borehole, pump and generator in the Khomanani gardens. In line with gender empowerment goals, the garden is tended to and run by a group of 21 women from the community. Produce from the garden is their primary subsistence, with excess produce being sold in the community. The women pay for all inputs supplied by the Trust.

BEEKEEPING PROJECT

2018 was successful with approximately 200 jars of honey in the first harvest. Beekeeping in the communities was initiated in 2014. Two of the pilot sites established in 2016 are still in operation in the communities and these yielded a good harvest in 2018 as a result of a healthy rainy season. If this project continues to be successful, it has the potential to be a sustainable small-scale enterprise

without future subsidies from Malilangwe.

MHANGULA TRIANGLE

The Trust protects 1,000ha of an area contained within the Malilangwe boundary fence (Mhangula Triangle) under a 5 years lease agreement (currently 2016 to 2021).

GIRL CHILD EMPOWERMENT TRUST

The annual Girl Child Empowerment Forum took place at Hakamela from 10 to 14 April 2018 with 32 girls from ten rural primary schools within the Chiredzi District. Malilangwe funded the conference with accommodation, food, transport and t-shirts. Facilitators all volunteer to share their knowledge and experiences with the girls. 2018's team included representations from the Ministry of Women Affairs Gender and Community Development, Legal Resources Foundation, ChildLine, Zimbabwe Republic Police, Zimbabwe National Family Planning Council and medical practitioners. The girls were enlightened on a wide range of topics, relevant to their motto, "It is better to build a girl than to repair a woman."

GREAT LIMPOPO CULTURAL TRADE FAIR (GLCTF)

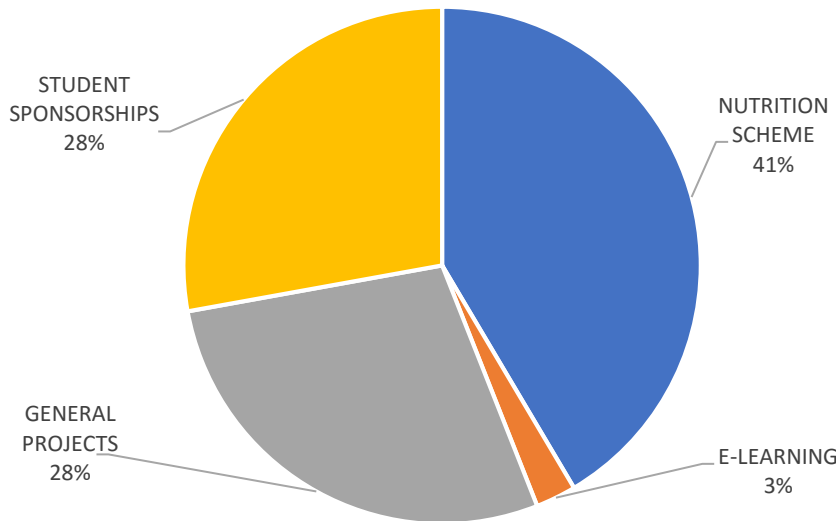
Every year Malilangwe partners with local communities and NGO's in funding the GLCTF. This year it was held at Boli-Muhlanguleni Cultural Centre, hosted by the Centre for Cultural Development Initiative (CCDI), operating as Gaza Trust in Chiredzi from 22 to 25 November. Now in its sixth edition, the fair seeks to promote the rich and diverse traditions of the Shangaan people under this year's theme – "Community Engagement through Agriprenueurship and Biodiversity Trade". The GLCTF includes traditional dress and bead ware, food and traditional hunting methods, music and dancing, poetry and storytelling (karengano and tsekelelo), homebuilding and wall decorations, saila (annual fish drives), male initiation into adulthood (ngomeni) and female initiation into adulthood (khomba).

MALILANGWE RHINO TROPHY SOCCER TOURNAMENT

On 16 November, Malilangwe hosted a soccer tournament for Sangwe Schools at Mupinga Primary School. The objective of the tournament was to spread the message of conservation through sport. Several primary schools participated in the event. Malilangwe donated transport, food, drinks and soccer kits to the tournament. Together with Gonarezhou Conservation Trust, we pledged to host the winning team. The victors, Mupinga Primary School, spent 2 nights at Hakamela (10 to 13 December), where they participated in game drives. They were also afforded the opportunity to witness the cultural festival at Muhlanguleni.



GUEST DONATIONS



During 2018, Malilangwe received a total of USD23,733.00 in donations from guests who have stayed at Singita Pamushana. These donations are specific to our Neighbour Outreach Programme and guests will decide on a particular project that they wish to sponsor.

HUMAN RESOURCES



OUR PEOPLE – HAPPINESS

On 14 December, before annual shutdown, Malilangwe held the inter-departmental sports day and Christmas party. Activities included a soccer tournament final for the Nduna Cup, which has been won by Security, since its inception in 2010. There were also relay races, tug-of-war and 100m sprints for men, women and children. The Christmas party programme involved HIV/AIDS Peer Educators drama, presentations of long service certificates and prizes for the best kept living areas on the property. The Cadet Rangers and some of The Malilangwe Scouts hosted a Christmas party for the small children of HQ village.

STAFF NUMBERS AS AT END DECEMBER 2018

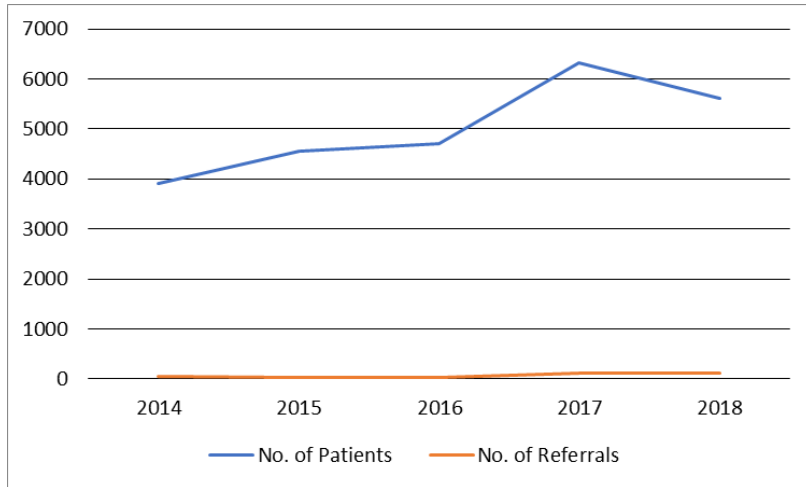
Department	Permanent Employees	Contract Employees	Casuals	Total
Administration	4	0		4
Supplies	11	1		12
Finance	13	0		13
Tourism	36	52		88
Wildlife & Research	5	18		23
Guiding	10	8		18
Ranch (inc Pamushana project)	20	74		94
Fence & Road Gang	2	20		22
HR & Health	11	1		12
NOP	2	0	4	6
IT	2	0		2
Security	16	85		101
Bomas	3	10		13
Student Attaché		3		3
Payroll 1 & 2 Contractors		6		6
	135	254	28	417

The table shows The Malilangwe Trust's staff complement as at December 2018.



MALILANGWE HEALTH

Tsvuka Clinic, through Sister Winnet Chiutare and her team continue to provide treatment and health care to Malilangwe's employees and their registered dependants. Our chosen medical practitioner is Dr R Dube, who conducts weekly visits to the clinic. We had 90% drug availability for the year, mostly due to medical suppliers not being able to source requirements in the current economic climate. Sincere thanks to the Ministry of Health's Environmental, Laboratory and Pharmacy Department for supplying resources in the form of HIV tests kits, malaria kits and anti-malaria drugs, as well as contraceptives, free of charge.



The Clinic attended to 5,624 patients, with only 109 referrals to hospital and specialist care (as displayed in the graph).

There were 389 patients treated for malaria, of which 263 were positive cases (compared to 212 in 2017).

Safety & Health - 19 employees sustained injuries on duty, which have been addressed through appropriate training about safety in the workplace. Using the comprehensive Malilangwe dashboard, management will have clarity on the number of sick days allocated to each department and refine best practises for health and safety measures. Coupled with this will be the implementation of a Safety & Health Committee comprising of Malilangwe staff members from all departments, trained by NSSA in 2019.

departments, trained by NSSA in 2019.

Baby Wellness Clinic - Monthly baby wellness clinics (including weighing and vaccinations) were done at Tsvuka and HQ villages by nurses from Polyclinic, Chiredzi.

HIV/AIDS Wellness activities were conducted by Malilangwe's Peer Educators and Pepukai Support Group. FACT (Family AIDS Caring Trust) Chiredzi conducted Voluntary Counselling and Testing. More staff have opted to do these tests due to motivation from the Peer Educators.

Basic First Aid Training was carried out across the property during the year by Sister Ruth Dabbs. First time training was held with Scouts recruits and Cadet Rangers, and refresher training with various other departments.

Advanced First Aid Training took place twice during the year by Ace Air and Ambulance Services for selected staff members.



ADMINISTRATION

ADMINISTRATION & PROJECTS



MOTIVATIONAL SPEAKER – KIRSTY COVENTRY

Through the Director's office, Zimbabwe's golden girl, Olympic gold medallist, Kirsty Coventry visited Malilangwe in May 2018. Kirsty took the time to meet with our staff and answer their questions. To many, she is a hero! Kirsty also met and spoke with the children who were attending our Conservation Education Class. In September 2018, Kirsty Coventry was appointed as the Minister of Youth, Sport, Art and Recreation in the Cabinet of Zimbabwe.

FINANCE

The Finance, Estate and I.T. teams have compiled records to upload to Malilangwe's monthly dashboard, which is a new desktop tool to keep track of the Trust's performance in all areas across the property. The year to date can be compared with historical data, to measure progress, gains, losses, etc and progressively discussed in monthly management meetings.

Ernst & Young completed an audit of The Malilangwe Trust as at 31 December 2018 and were satisfied that the Trust's financial performance was in accordance with International Financial Reporting Standards. Financial Statements for the year end were signed off by The Board of Trustees. Malilangwe's insurance policy was renewed for the year with SATIB Insurance Brokers, including medical insurance with SATIB's Interglobal scheme.

PROCUREMENT & SUPPLIES

A big part of the year was dedicated to Pamushana's refurbishment needs. The Procurement & Supplies team dealt with an array of contractors and suppliers, transport and logistics, Bureau Veritas inspections, licences, border inspections, etc. There was a lot of work involved behind the scenes, which John Smith-Wright and his team accomplished and made it appear, somewhat seamless! Our thanks is noted to clearing agents, Lanaheil Clearing at Beitbridge Border, who assisted in this regard.

Due to operational challenges, Jane Taylor resigned as our local supplier in Harare. For a few months, the Procurement team and Pamushana chefs travelled to Harare weekly to acquire or substitute what was needed for Pamushana's kitchen to ensure that guests had an incredible dining experience. The Trust found it necessary to rent premises in Harare to keep fridges for food stocks, etc and as such, established an office in Gunhill, for all Malilangwe matters associated with procurement and supplies. In December 2018, we hired Sasha Vernon as Malilangwe's Harare Procurement Officer.

2019's focus will be the Villa 7 refurbishment.

SUSTAINABILITY

Our Sustainability Champion, Sarah Clegg, conducts regular spot inspections of camps, villages and waste collection facilities. Sarah compiles comprehensive reports, which outline areas that require attention and gives credit to staff and residents, who are achieving sustainability goals. The purpose of Sarah’s reports and investigations are to encourage employees to take part in responsible management of waste and to take pride in living and working in a clean, pleasant and healthy environment.

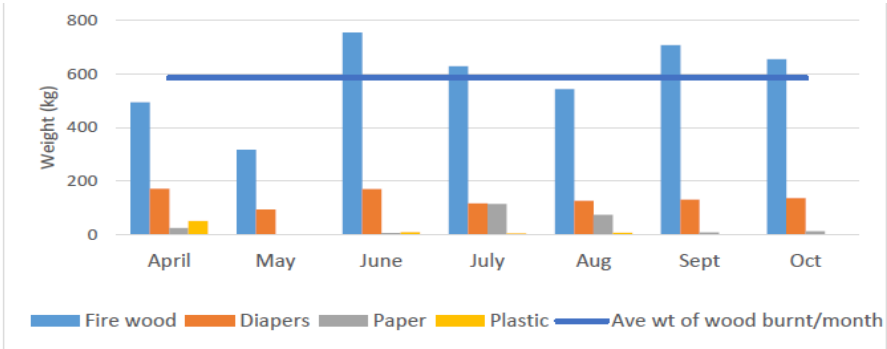
There has been a distinct improvement in the level of pride taken in gardens across the property, most significantly in Tsvuka Village where residents are making their living environment beautiful. This not only has positive effects on the residents’ state of mind, but it has had a very positive effect on reducing soil erosion around living areas. In villages where nothing has been planted, erosion can be responsible for as much as 30 cm loss of topsoil.



Promoting health and happiness – this block won the Best Kept Living Area 2018

Camps and waste collection areas are scored according to how well waste separation (including cleaning of waste) is done. The rating takes into consideration how tidy the area is, i.e. how much litter was lying around the bins and yard. The area that scored highest in all aspects assessed in 2018 was, once again, Hakamela Camp. The Best Living Area for 2018 was awarded to the residents of Block C3 Tsvuka Village. Non-biodegradable waste is collected monthly from all scout pickets, Hippo Valley and Nduna camps, and from Kambako Living Museum. This waste is processed at HQ and sent for recycling.

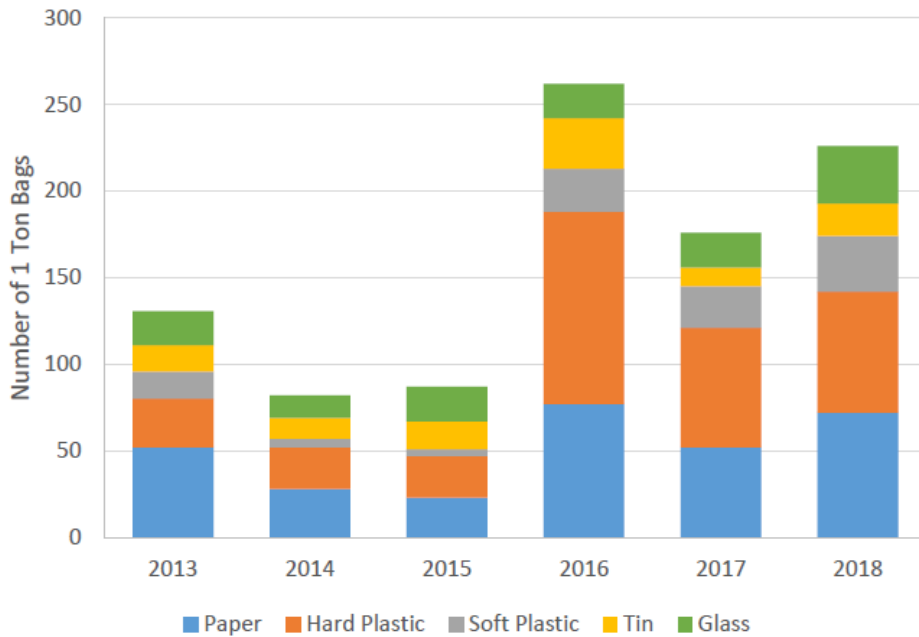
The weight of wood required to burn non-recyclable waste was recorded this year and on average, Malilangwe uses 600kg of firewood per month to fuel the incinerator. While a large portion of this wood is waste timber from building materials, it is excessive and unsustainable. The greatest component of incinerated waste is disposable nappies. A lot of mothers at Malilangwe have moved to using cloth nappies, but there is a need to educate and encourage more mothers to do this in order to reduce waste and the fuel wood that is burned.



Note that the increased amounts of paper burnt in July and August can be attributed to unrecyclable packaging material (paper fused with bubble wrap) that was used to wrap materials imported for the refurbishment of Pamushana.

Waste collection data is in the process of being upgraded. During 2018 moved towards recording waste in terms of weight, rather than numbers of one-ton bags. In the future, recording waste weight will facilitate the logging of more accurate and comparable data. We are also in the process of setting up systems that will allow us to record the amount of waste each area is generating per month, rather than recording a value for waste generated by the property as a whole. These systems should be well established in 2019.

The graph below shows waste type by year sent to Harare for recycling (to date). At this stage the graph still describes waste in terms of the number of bags sent to Harare rather than the weight of bags collected from each area of the property. This will be refined in the future.



Note that quantities of waste for 2014 and 2015 are underrepresented as the graph shows the amount of waste sent to Harare rather than the waste generated. There is a surge in the waste sent to Harare in 2016 - this was really a result of a backlog of waste from the previous two years.

Sustainability Goals for 2019:

- Encouraging villagers to plant grass and create gardens around their residences to improve quality of life and to reduce soil erosion
- Preventing erosion and silting of the sewage ponds as well as improving their functioning
- Launching a campaign to eradicate alien invasive plants on the property and encourage gardening with indigenous alternatives,
- Improving the design of the incinerators which at present have a very short life span,
- Working on further reducing our energy consumption and reliance on fossil fuels,
- Keeping up with the removal of glass from our Tsuvuka sorting area
- Improving and streamlining record keeping for waste production and processing as detailed above

SPECIAL PROJECTS



MALILANGWE BOMAS

There was an overall budget spend of USD368,000 during the year. Several animals in the bomas and paddocks, have resulted in a commitment to remove some of these species for release on the property.

Our Wildlife team, in conjunction with Victoria Falls Wildlife Trust, is currently in talks with Cornell University, to consider partnering and funding laboratory research on Foot and Mouth Disease.

Co-hosted by Malilangwe and
wildlife capture AFRICA



WILDLIFE CAPTURE AFRICA DANGEROUS DRUGS COURSE

Wildlife Capture Africa has been hosted at Hakamela Camp annually in February, since 2000. The Malilangwe Course in Chemical and Physical Restraint of African Wildlife, also known as the Dangerous Drugs Course, is organised and co-ordinated by Zimbabwe Wildlife Veterinary Trust (ZWVT), together with Government Veterinary Services Wildlife Unit. The course was held from 9 to 18 February 2018 with a total of 47 participants (including lecturers, who are proficient in wildlife health and management). 17 nationalities were represented in the course. Lectures are held at the conference facility of Hakamela Camp, which provides accommodation and meals to participants, with overflow accommodation at Kwali Camp. Some of the animals involved in the practical part of the course are rhino, lion, giraffe, elephant and hippo.

QUEST AFRICA

The Quest Africa programme was created to offer school leavers a well-rounded alternative to immediately pursuing a career or university education and is focused on character development, which has its roots in Aristotle's open-air academy in Greece some 2,400 years ago. Through its approach and focus on experiential learning, the Quest programme is designed to help young men and women build confidence and become hands-on entrepreneurs.

Malilangwe hosted two intakes from Quest Africa in 2018: Men's Core from 8 to 13 July and Mixed (Men & Women) from 17 to 22 September. The Malilangwe Scouts are pivotal in their itinerary, which includes physical fitness, bush skills and survival training. There are also career talks by various members of staff, a Basic First Aid course by Ruth Dabbs and a visit to Kambako.



ASSOCIATED COSTS FOR SELECT MALILANGWE PROJECTS

Several parties have expressed interest in assisting with funding for certain projects. Outlined here are some of our key projects. Should you wish to get involved, please contact:



The Malilangwe Trust
 P Bag 7085, CHIRENZI, Zimbabwe
 Tel: +263 86 7700 4160/1
 Email: info@malilangwe.org
www.themalilangwetrust.org



OPERATING EXPENSES FOR RHINO/WILDLIFE PROTECTION

USD750,000 per year



CADET RANGER PROGRAMME

USD30,000 per year



KAMBAKO LIVING MUSEUM OF SHANGAAN CULTURE

USD5,000 per year



CHILDREN'S NUTRITION SCHEME

Mahewu to 20,000 children

USD140,000 per year



CONSERVATION EDUCATION

USD25,000 per year



STUDENT SPONSORSHIP (FULL COST)

USD12,500 for two years (South Eastern College A Level)