



Annual Report

2017-18

Executive Summary

This year has been one of the most successful in the history of charity, not only for fundraising, but the fact that we ventured into new territory where no other charity or NGO had previously visited. In July 2017, we reached the remote area of Moomba Chiefdom.

The Kazungula District is a vast area in the Southern Province of Zambia with a population in excess of 70,000. During the past twelve years we have expanded our work from Mukuni Chiefdom into Sekute, Musokotwane and Nyawa Chiefdoms, and now Moomba.

Whenever I discussed Moomba with anyone in Zambia they said: 'the distance is too far'. However, after learning that 46% of the population had malaria in 2016, I felt I had to do something about it. In July 2017, accompanied by three of our Zambian team, we set off at 5.30am for the 300km journey. After driving 100km on a good tarmac road, the next 75km was pitted with deep pot holes, before we turned onto sandy terrain. I drove for seven hours, with just a 20 minute lunch break, until we reached Moomba Centre. We distributed mosquito nets and blankets for vulnerable children, discussed the malaria situation, and drove back to Livingstone, arriving at 10.45pm!

The mosquito nets, along with the use of safe insecticidal coating and larvicide, which we applied in December, helped to reduce the number of malaria cases in Moomba. Mukuni and Nyawa received support, and also Sekute, where we did a pioneer programme at River View School. 1,400 mosquito nets were donated to pupils and teachers. From October 2017 to the end of March 2018, no absenteeism has been reported from malaria.

The invaluable orphan sponsorship programme continues to help these needy children to gain an education. As the older ones complete school new ones are added to the list. The Mukuni Village Fund, our Australian partner, as well as many individuals, sponsor over 250 individual children annually. In addition, we are currently sponsoring 16 students in further education. I must single out three students, Johan and Austine, who gained university places in Lusaka, and congratulate Jacob, who successfully completed a four year agricultural course. Our eight young peer educators are being sponsored at college in view of setting up skilled-based enterprises in 2019.

Education is the key to success and vital for children in rural areas. We have built a new school at Bunsanga, classroom blocks at Chaba and Singwamba schools, and a Science laboratory, to add to the recent 1x4 classroom block, at River View School. A considerable amount of desks, text books and school bags have been donated.

As regards health projects, a group of Canadian volunteers donated a much needed drainage system and funded restoration work at Mukuni Health Center. A grant was approved to construct a new health centre at Sikaunzwe, which includes a clinic, maternity unit, women's shelter and latrines. This means that 8,550 people will have access to much improved medical care. Besides malaria prevention we funded HIV prevention workshops and treatment for sick children. In addition medical supplies were donated to Mukuni, Mambova, Sikaunzwe and Nyawa rural Health Centres, and Livingstone General Hospital.

We continue to promote travel philanthropy and our team in Zambia meet tourists and take them to see our projects in Mukuni Village and beyond, which often results in a donation to the charity. We also had volunteers from the UK, USA and Canada, participating in healthcare, teaching, painting classrooms, women's workshops and

building houses. Fourteen community houses were given to widows and the elderly looking after orphans, and one major donor for this project helped with the construction.

I am so grateful to our UK team, especially my fellow Trustees, Miranda, Ann and Wendy who continue to help with the running and administration of the charity, their commitment has enabled us to reach out to new schools and communities. A special thanks to our volunteers David, Carolyn, Oscar, Valerie and Leah. All of them make a tremendous contribution to the success of the charity, as do our overseas volunteers Marilee and Grant Gibson in Canada and Frank Maiola, our US representative who has been with us since 2007.

Safety is a primary concern for us, both for the volunteers and the children we help. In light of the shocking allegations made against several big charities regarding sex exploitation, we have updated our Child Protection Policy, which can be viewed on our website.



In November 2017 I was both delighted and honoured to have shortlisted to the final four for a global award. Aidex Humanitarian Award took place in Brussels and though I did not win, the charity gained a corporate partner after hearing about our work in Zambia.

The Zambian team deserve enormous thanks for all they do for the charity and communities: Mupotola Siloka (Secretary & Project Manager), Presley Mulenga (Head of Education), Martin Mushabati (Ground Operations Manager), Stain Musungaila (Malaria Prevention) and Sibeso Maseke (Environmental Officer). We have invited two of our young peer educators, who were previously sponsored by the charity, to serve on the Board. Natasha Mufeya and Mufian Sitali will be a great asset to the team, creating further sustainability. A special thanks to Chief Mukuni for his counsel, and the local tour operators and hoteliers who support our work.

Obviously, without funds none of this could have been achieved. I am astounded by the continued support of some of our donors who have followed us since 2006. A huge thank you to all our supporters, whether an individual, a company, a school, a club, a church or an organisation. Each and everyone of you has helped us to provide the essentials in life for thousands of orphans and vulnerable people in Zambia. I must acknowledge our major donors - the British and Foreign School Society, ATD Foundation, Mukuni Village Fund (Australia), Motive Real Estate (Texas), International Peace Projects, Nationwide Rotary and Inner Wheel Clubs, Larry and Gaylen Robbins for their incredibly generous support, and the George Spencer Academy for their successful fundraiser. In addition, new donors the Guernsey Overseas Aid Commission, the Hilary and Neil Charitable Trust and the Dawson Group, have substantially boosted our funds during the past year.



Jane Kaye-Bailey

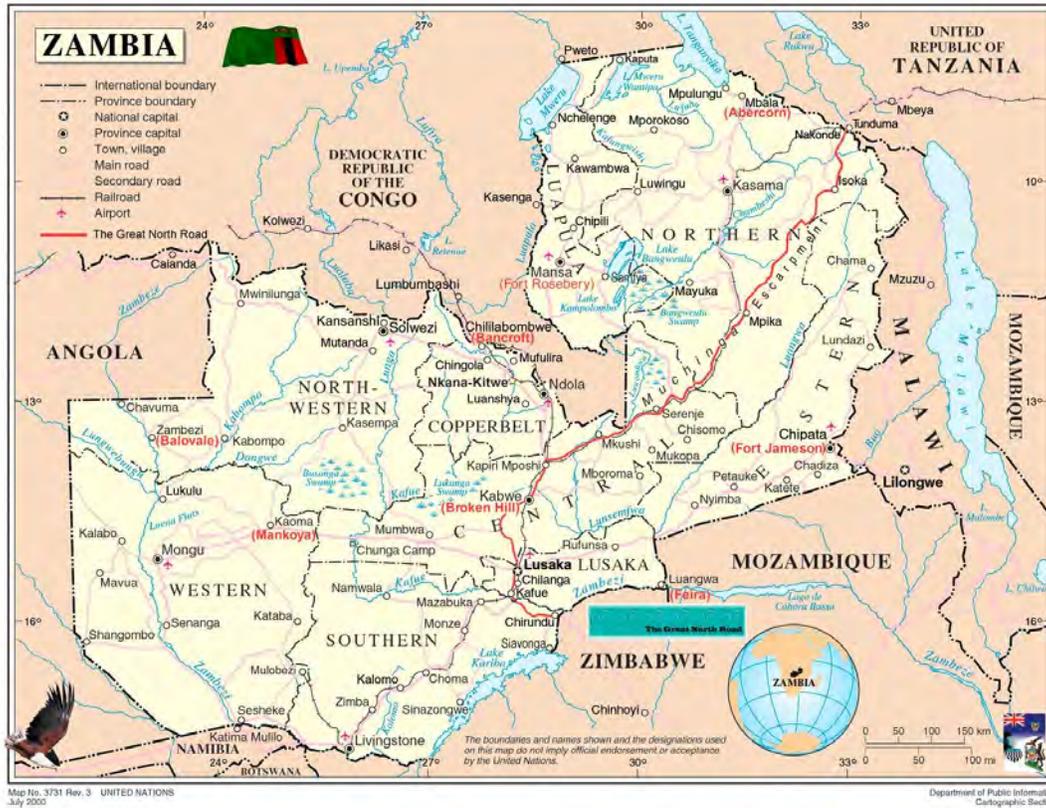
Founder



'Can I just say thank you for all the continuing work you do, best wishes to you and all your hard-working team without whom these children wouldn't have an opportunity to enjoy their lovely schools' – Gail Whawell



'We think the work and care you give is phenomenal. We are but a piece of sand in your landscape' - Selene and Eddie



ZAMBIA POPULATION STATISTICS 2017 - 18

Population	16.7 million
Life Expectancy	53 years
Population living on less than a dollar a day	84%
Population having access to safe water	34%
Population having inadequate sanitation	50%
Child deaths per annum caused by diarrhea	1000
Number of people living with HIV	1.2 million
Number of orphans	1.2 million

PROJECTS 2017 - 18

EDUCATION

- **ORPHAN SPONSORSHIP PROGRAMME** – over 500 orphans from seven school
 - **FURTHER EDUCATION** – six students sponsored at teaching and agricultural colleges
 - **MUKUNI SCHOOLS** – classroom restoration, special needs materials, feeding programme, uniforms
 - **N’GANDU JUNIOR SECONDARY SCHOOL** – orphan sponsorship
 - **KAMWI PRIMARY SCHOOL** – orphan sponsorship, text books, sports equipment, seeds
 - **MUCHAMBILA** – teacher’s house
 - **CHUUNGA** – blankets, seeds
 - **CHABA** – 1x2 classroom block, 20 desks, blankets
 - **BUNSANGA** – 1x2 classroom block, teacher’s house, desks, text books, school bags, blankets
 - **RIVER VIEW** – 1x4 classroom block, science laboratory, text books, uniforms
 - **SINGWAMBA** – 1x2 classroom block, desks, sports equipment
 - **KAUWE** – Classroom block
 - **MATENGU** – text books, seeds
 - **SILELO** – text books, seeds
 - **N’DELE PRIMARY** – orphan sponsorship, seeds
 - **KASIYA COMMUNITY** – provision of seeds
 - **MANYEMUYEMU** – provision of seeds
 - **MUBIANA** – classroom roof repair, seeds
 - **MAMBOVA** – text books, school bags
 - **MOOMBA** – blankets, stationery
 - **NAKAWA PRE-SCHOOL** - clothing
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Mukuni Chiefdom Schools

- Mukuni Junior & Secondary
- Kamwi
- Siamasimbi
- Mulundi
- N'dele
- Malima
- N'gandu Junior Secondary
- Katapazi
- N'songwe
- Kasiya
- Manyenuyemu
- Mubiana
- Mukuni Special Education
- Machenje
- Libala
- Chuunga
- Mahalulu
- Chaba



Musokotwane Chieftdom Schools

- Silelo
- Matengu
- Siachikubi
- Simango Special Education
- Musokotwane



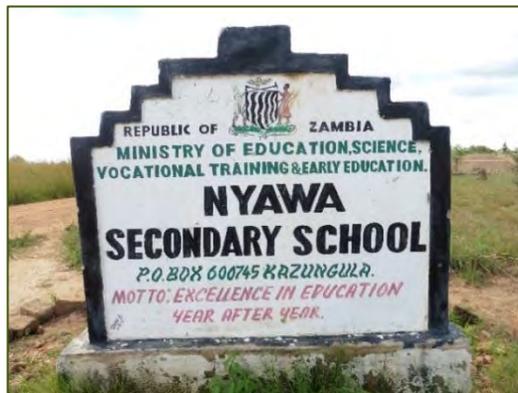
Sekute Chiefdom Schools

- River View
- Mandia
- Sibbulo
- River View Special Education
- Mambova
- Namapandi
- Nakawa Pre-school
- Kazungula Boarding



Nyawa Chiefdom Schools

- Kauwe
- Mayala
- Nampuyani
- Nyawa
- Muchambila
- Nguba
- Singwamba
- Sinsimuku
- Bunsanga











HEALTH

- **MALARIA PREVENTION** - distribution of 2,700 mosquito nets, insecticide coating granules, prevention workshops
- **WORLD MALARIA DAY** – workshops for malaria prevention education and testing - Siafwebafweba Village
- **MEDICAL SUPPLIES** - donations to Mukuni, Muchambila, Mambova, Sikaunzwe and Livingstone General
- **HIV PREVENTION** – funded peer educational workshops in schools and for communities
- **WORLD AIDS DAY** – an event at Kamwii Village was funded to mark this day
- **MEDICAL TREATMENT** – funded treatment and physiotherapy for infants, children and the elderly
- **FEEDING PROGRAMME** – provided funds for under-fives and schools
- **MUKUNI HEALTH CENTRE** – drainage and sewage improvements and restoration of clinic
- **SIKAUNWE HEALTH CENTRE** – entire new clinic to be funded

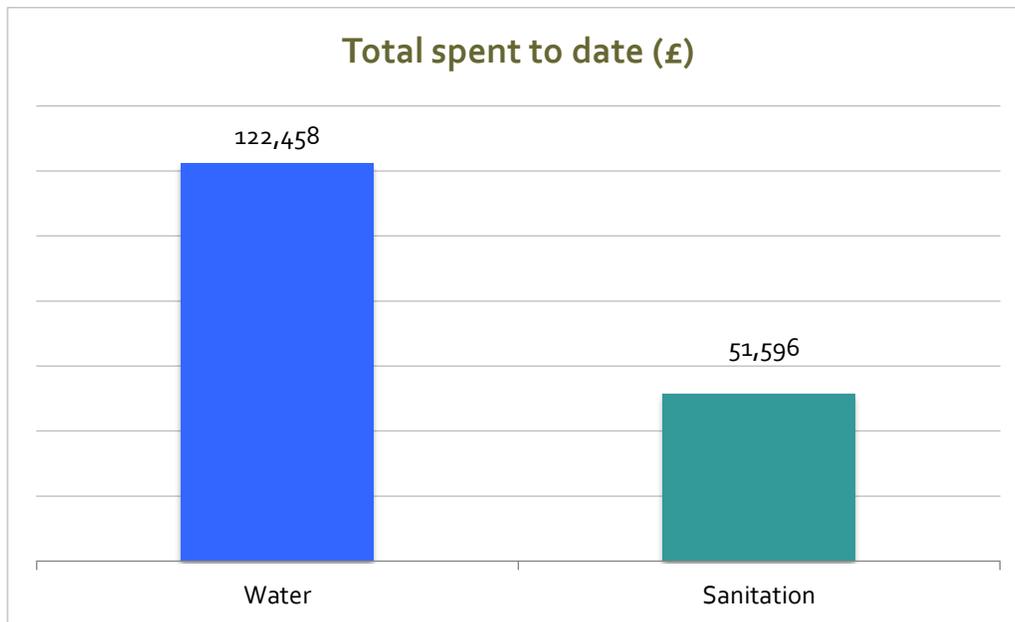






WATER AND SANITATION FROM 2007 – 2018

An entire new drainage system was installed at Mukuni Health Centre to improve the water and sanitation facilities. Three double latrines were added to River View Secondary and a double one for Chaba Junior Secondary School. A borehole was donated to Mukamba Village, Mukuni Chiefdom. Six further boreholes are to be installed in 2018.



The following statistics for Zambia are produced by Unicef:

- **4.8 million people (36 percent) are without access to clean water**
- **6.6 million people (50 percent) are without access to sanitation facilities**
- **More than 25 percent of basic schools do not have access to safe water supply and sanitation**



MALARIA PREVENTION

MOOMBA RURAL HEALTH CENTRE 2017-18

Moomba Chiefdom, a remote area in the Southern Province, is 300 km from Livingstone. Moomba Rural Health Centre is 125 km from the main road, tracks are mainly sandy, others are clay, which makes the area inaccessible during the rainy season.

There is a high prevalence of malaria in the region. In 2016, 46% of the population contracted malaria, the highest number in the Kazungula District. In 2017, a request for assistance was made to The Butterfly Tree by the Zambian Ministry of Health.

The following activities took place:

- July 2017 – four members from The Butterfly Tree drove to Moomba Rural Health Centre to assess the situation and to distribute mosquito nets to meet the government’s shortfall



- November 2017 – six days training of volunteers, application of paint using an insecticidal coating, dispersal of larvicide granules



The team comprised of two Environmental Technologists, one of whom is also a volunteer for The Butterfly Tree, ten community volunteers and two further volunteers from The Butterfly Tree.

A total of 600 structures were coated in six out of fourteen zones. All health posts throughout the Chiefdom were covered. Once a mosquito lands on the surface it will fly off and die. Larvicide granules were placed in all areas of stagnant water, pools and streams. These were identified as breeding grounds for mosquitos. The larvicide is used to prohibit the larva from developing into mosquitos. It is not harmful to the environment, and both products are harmless to humans, animals and fish.

- December 2017 – five days were spent coating an additional 631 structures in six further zones. Granules had been previously distributed in all twelve zones



Challenges

- Accessibility and condition of roads and tracks. Only 100km is a good road, 75km is on roads with deep potholes, and from the main road Moomba Health Centre is 125km, and is mostly sand, which is deep in some areas. Several of the outreach villages are a further 45km from the health centre.
- Distance between villages and from Moomba Health Centre
- Temperatures soaring to 40 degrees in November and December
- Insufficient funds to provide protection for two zones

Achievements

- Every household welcomed the intervention, with 100% acceptance. The normal use of Indoor Residual Spraying, using harmful chemicals, is often refused by a percentage of community members.
- There is already positive feedback. January to June is the peak time for malaria. To date no new cases of malaria have been reported in the areas of application. Cases have been reported in the two zones, which were not covered.

Conclusion

- The project was funded by The Butterfly Tree with support from the Ministry of Health who provided a vehicle, a driver and two Environmental Officers
- The dwellings are protected for up to two years. The granules last for approximately four months.
- The exercise was conducted successfully as all roads at the time were passible



We are pleased to announce that we now have a donation to do a further distribution in the two remaining zones. It is hoped that this will be done in the next week, subject to accessibility. Once this has been implemented Moomba Chieftdom will have universal coverage, with the aim of preventing new cases of malaria and helping to save lives.

A WHO Consultant visited Mukuni Rural Health Centre, where we started using the intervention in November 2015. The Consultant wanted to learn more about the success we have experienced and why such a small charity as The Butterfly Tree has achieved so much in the field of malaria prevention. This is due to continual funding of mosquito nets, malaria prevention workshops and most recently the new initiative. It is also a result of having a dedicated team of volunteers, most especially Stain Musungaila and Sibeso Maseka, who manage this programme in Zambia, and to our generous donors, without whom, none of this could have happened.

Many thanks to everyone who has helped us to make a small, but significant difference in the fight against malaria.

Jane Kaye-Bailey

28th January 2018

MOOMBA RURAL HEALTH CENTRE MALARIA PREVENTION REPORT

In December 2017 a further distribution of Vectorcide insecticidal coating was applied to dwellings in the two remaining zones of the Moomba Chiefdom in March 2018. The other twelve zones were covered in November.

An evaluation was done by the Ministry of Health at the end of March. This period is the rainy season, and when malaria is most prevalent. The following data has been shared with The Butterfly Tree.

2017 - Month	Number of cases	2018 - Month	Number of cases
January	304	January	27
February	214	February	24
March	251	March	58

The above table shows a reduction of 90%, We are told that a record had been broken – the lowest number of malaria cases ever recorded in Moomba.

Our aim is to reapply the larvicide granules throughout Moomba Chiefdom starting August this year. Due to its isolation from the rest of the Kazungula District the potential to eradicate malaria is possible.



HEALTH CENTRES SUPPORTED BY THE BUTTERFLY TREE

- Mukuni Maternity & Women’s Shelter
- Katapazi Health Centre
- Livingstone General
- Muchambila Health Post
- Mambova Health Centre & Women’s Shelter
- Kauwe Health Centre
- Kazungula Border Health Centre
- Singwamba Health Centre
- Mandia Health Centre
- Nyawa Health Centre
- Sikaunzwe Health Centre
- N’Songwe Health Centre
- Mahalulu Health Centre
- Katambola Health Centre
- Musokotwane Health Centre
- Moomba Health Centre



VOLUNTEERS

Every year we attract volunteers from across the globe, most recently from the UK, USA and Canada. We only take volunteers who are serious about helping schools, clinics or communities. We have a new volunteer code of conduct in place, which all volunteers must sign.

Recent volunteers:

- Meagan Over – HIV prevention
- Laurie Labbe – Occupational Therapist
- John Staab and Jessica Bandrup – community houses and women’s workshops
- Dhingra Family – community house construction
- Paul Mosley & Naomi Timothy – teaching
- Valerie Redfern – general projects



VISITORS & TRAVEL PHILANTHROPY

- Attraction Tickets Direct - UK
- Michelle & Innes Davidson – USA
- Motive Real Estate - USA

We receive many visitors from overseas; some donate funds prior to arrival so that they can personally give them to the communities and see ‘first hand’ where their donation is being used. This can be a life-changing experience and often more donations follow when they return home. Jane Kaye-Bailey, the Founder, funded The Butterfly Tree after visiting the school in Mukuni Village. Ann, one of our UK Trustees, joined The Butterfly Tree after visiting the same village, as did volunteers David, Mike, Carolyn and Leah.



It is a completely different experience to take time-out from your itinerary to see a traditional culture, to interact with the people, and to visit the local schools and communities. I am sure my team will agree that it has certainly changed some of our lives for the better!

FUNDRAISERS

There were many people using various initiatives to raise vital funds for The Butterfly Tree

- George Spencer Academy, Nottingham – education
- Mukuni Village Fund (Australia) - sponsoring 40 orphans
- Lesley Archer – education and malaria prevention
- Grant & Marilee Gibson (Canada) - malaria prevention, health and education
- Ken & Steph Sherlock – malaria prevention
- Stratford-upon-Avon Rotary Club – malaria prevention
- Stratford-upon-Avon Reformed Church – blankets and maize for the elderly
- Inner Wheel Clubs of England, Wales & Northern Ireland – malaria prevention & education
- Wolverton School - orphan sponsorship
- St. Paul's School, Wigan – education
- Fountaindale School, Nottinghamshire – education and orphan sponsorship
- Lasswade Primary School, Scotland - education
- Margaret Bax & Casey Short (US) - goat's milk project
- Norton Lindsey & Bearley Parish Churches – education





CHALLENGES

The two biggest challenges are the prevalence of malaria and HIV. Without preventative methods in place, loss of life and sickness, as well as loss of hours in the workforce, occur constantly.

Because The Butterfly Tree is also registered as an NGO in Zambia, having a team of experienced volunteers on the ground is a huge benefit. Not only are they on hand, but it saves having to rely on agencies or another NGO. In cases of emergency, or if we have any issues with our projects, they can act promptly.

Global warming seems to be affecting Zambia. This past rainy season was unpredictable, with no rain falling in December and January after planting had taken place, consequently many of the crops in the South wilted and died. Then, in February and March, it rained continuously for two months causing flooding in many areas, with bridges destroyed and schools and villages being cut off. As always there are many challenges, below are just some of them:

- HIV and AIDS
- Malaria increase and drug-resistance
- Lack of safe, drinking water
- Accessibility to remote villages
- Increasing costs for transportation hire, fuel, materials and food
- Under-nourished children and hunger
- Lack of schools and healthcare facilities
- Shortage of medical and educational supplies
- Sourcing new funds and grants - competing against big charities for international grants





The Butterfly Tree Team – Zambia



SUSTAINABILITY & WAY FORWARD

Using volunteers to run The Butterfly Tree both in the UK and in Zambia has created sustainability. Community driven projects are the best solution to help overcome dependency, which is always a challenge when working with international aid.

The further we travel into remote areas the more we observe the lack of basic amenities, water being the most noticeable. It is appalling to see that in 2018 so many people do not have access to safe drinking water. This must be a priority to prevent children drinking from polluted streams and shallow wells, to avoid contracting diarrhoeal disease, which sadly is one of the leading causes of death in infants.

Malaria prevention, as always, is one of our main priorities. Globally malaria is increasing, resistance is building, and until there is a cure or mass vaccination readily available, preventative methods are imperative. Vast amounts of funding are going into research and development, but prevention must not be overlooked and must be freely provided for people living in poor countries, such as Zambia. We will continue to raise funds and create awareness for this vital project.

Besides focusing on developing rural community and junior schools we are working alongside the government to expand secondary education in outreach areas. In most places there is a high drop out after grade nine as the distance to the nearest high school is simply too far. Parents are reluctant to send young girls away from home. Adding classrooms for grades 9 to 12 in schools, as well as science laboratories, enables schools to be upgraded and become examination centres.

The lack of healthcare facilities in rural districts is alarming. People die unnecessarily because they cannot get medical attention. More health posts are needed in outreach areas, which can be used for HIV and malaria testing and treatment, birth deliveries, anti-natal clinics, and essential vaccinations.

One of the most complex of our projects is that of HIV prevention. A generation has been lost. We aim to assist the communities and authorities in helping to reduce the number of new cases. Empowering girls and women, and educating children and youths using peer educators, is the way forward.



FUTURE AIMS

We have funding in place to start work on the new health Centre at Sikaunzwe, which will include a clinic, maternity ward, women's shelter, and latrines, and we will be applying for funds for a health post at Bunsanga. As always, we aim to expand our malaria prevention programme in areas of high malaria prevalence. Water projects are always a priority and this year we will be installing a minimum of five boreholes in remote schools and communities.

On the education front, we will complete new classroom blocks for both Kauwe and Singwamba schools, a teacher's house at Bunsanga, a science laboratory for Nyawa Secondary School and a pre-school development at Nakawa. We will continue to support HIV prevention workshops, using our trained peer educators, which are vital in helping to reduce the number of new cases. More orphans will be sponsored, and funds permitting, more pupils completing school will be sponsored for further education.

We are now the biggest contributor to education in the Kazungula District and very much appreciated by the Ministry of Education. We will continue to work with their Officers and source new areas where children do not have access to basic education.

Creating further sustainability within communities is something we will focus on to reduce dependency of international aid. Once we have developed a school we can then move on to other areas of need and leave the government and PTA members to run the facilities. However, we will continue to observe the schools to ensure that progress is being made.

We will work closely with our team in Zambia and continue to engage with old and new donors so that they can be part of the project they have funded. We have a proven record of transparency and appreciate the huge trust donors put in us. New sponsors and grants will be sought and, as always, we will not deduct any administration or personal fees.



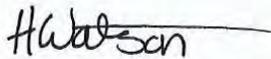
ACCOUNTS

Charity Accounts from 1st April 2017 to 31st March 2018

INCOME	GBP
Donations, Sponsorship & Fundraising	226,773
EXPENDITURE	226,773
Orphan Sponsorship	28,484
Further Education Sponsorship	8,479
Expenses	3,209
Building Projects	137,732
Utility & Fuel	303
Water & Sanitation	10,964
Sustainable Development	1,204
Sports Projects	3,255
Malaria Prevention	22,524
School Equipment	13,774
Food & Healthcare	3,976
Promotional Activities	361
Transportation & Logistics	10,217
Miscellaneous	1,934
Bank Charges	772
Admin fees	0
	247,188
Net of receipts/ (payments)	(20,415)
Reserves brought forward at 1st April 2017	42,241
RESERVES REMAINING at 31st March 2018	21,826

These accounts have been prepared on a 'receipt and expenditure' basis, with the information provided.

Signed:

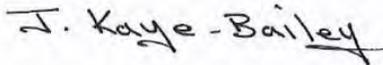


Date: 05/07/2018

H Watson: Grenfell James Associates Ltd

As trustee of The Butterfly Tree charity I hereby approve the above accounts and confirm that all necessary information was provided in order that they be completed accurately.

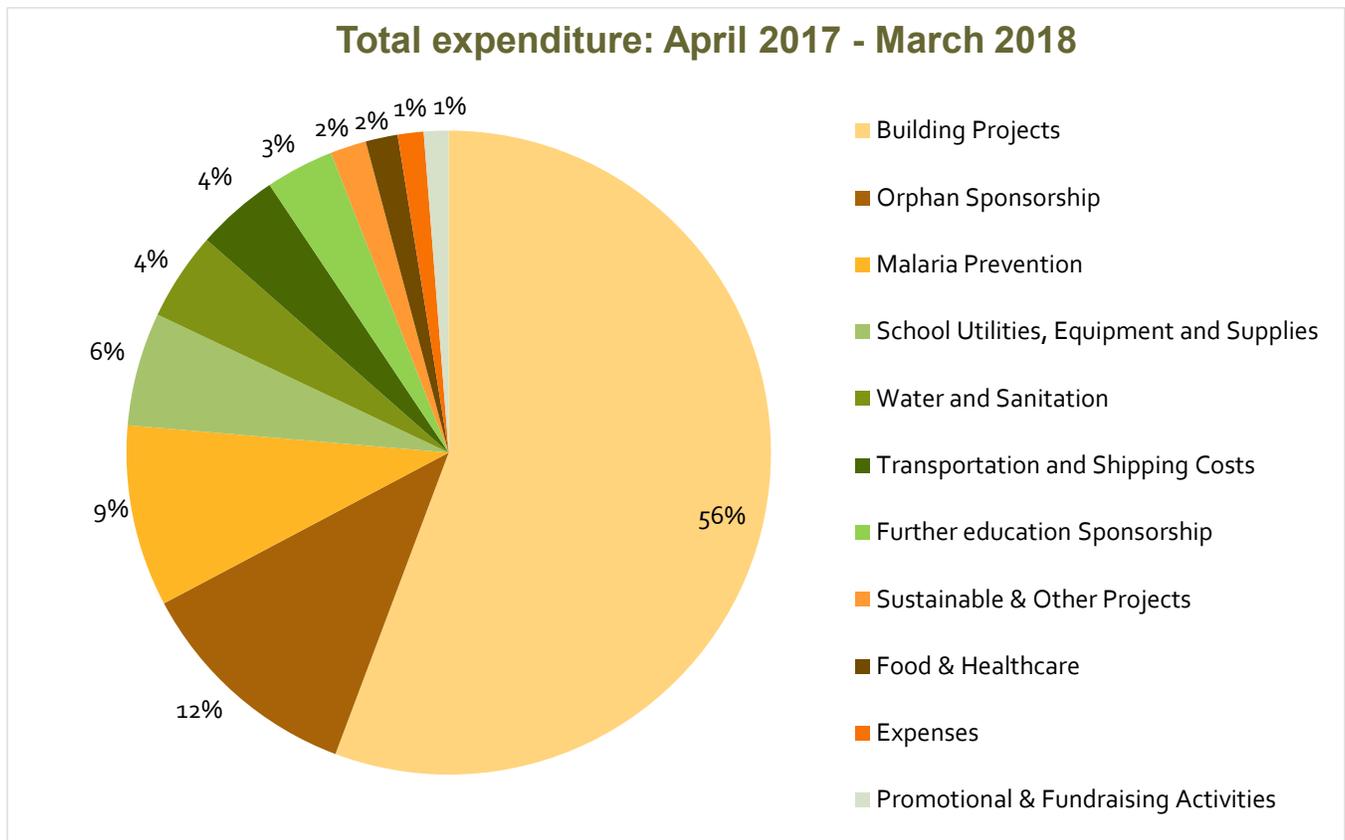
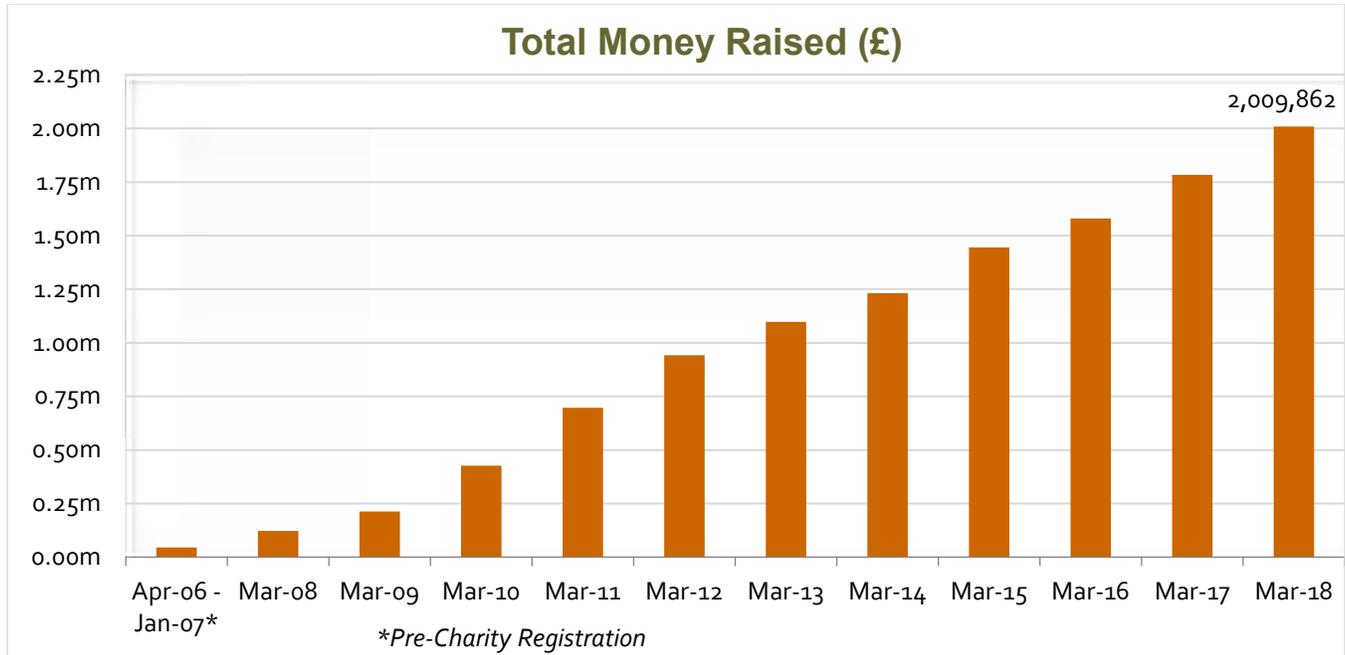
Signed:



Date: 05/07/2018

J Kaye-Bailey: The Butterfly Tree

GRAPHS





We will endeavor to reach out to more remote areas that need only the essentials in life – water, food, health and education. Thousands of children, in five Chiefdoms, now have access to safe drinking water, feeding programmes, and advanced health and education facilities. We cannot thank everyone enough for believing in, and generously supporting, our cause to help those less fortunate than we are.

Trustees: Jane Kaye-Bailey (Chairman), Miranda De Freston, Wendy Callaway and Ann Sutton



THE BUTTERFLY TREE ORPHAN SPONSORSHIP PROGRAMME

'As young butterflies emerge from their pupae, they are placed in a tree, where their wings can continue to develop. Then they are released into the wild'.



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