

GAME RANGERS

INTERNATIONAL



ANNUAL REVIEW 2018

In partnership with the Department of National Parks and Wildlife



CEO's Message

2018 has been a year of consolidation and I am very proud of the massive team effort undertaken at all levels across the organisation, above and beyond our daily conservation tasks and responsibilities, to further strengthen all Management Systems and Standard Operating Procedures within GRI. This exercise has enabled us to successfully secure USAID funding, which is a great milestone for us when one considers that it was only a few years ago when GRI's entire administration was run out of an old tent, on a couple of second hand laptops, powered by an inverter, connected to a nearby Land Rover.

We have come a long way since 2008 and it is with a huge sense of gratitude and appreciation that I extend a very sincere thank you on behalf of everyone in GRI to all our amazing supporters and partners who have enabled us to reach this stage in our development.

With the imminent and welcomed arrival of African Parks into the Kafue Landscape there is much to look forward to in 2019 and beyond, as we shift our strategic focus toward securing the Release Area for the Elephant Orphanage Project in KNP south and the Game Management Areas (GMAs), which serve as the 'buffer zones' to Zambia's National Parks. Currently, the GMAs are under an increasing amount of pressure and threat from charcoal production and illegal land encroachment. If we are not careful these critical tracts of land, which form an integral part of the protected area system, may disappear altogether! Our goal therefore, is to work with the Department of National Parks and Wildlife and the Community Resources Boards to help secure these diverse eco-systems for the long term. To achieve this we need to ensure that, the local communities living contiguous to the GMAs, who are in fact the 'First Line of Defence' in the battle against combatting wildlife crimes, are realising meaningful and tangible benefits in a sustainable manner from the very natural resources, which they are helping to protect. This is the only way I see wildlife and wild spaces surviving beyond the 21st century.

An exciting journey lies ahead of us and we look forward to continuing to work with the Department of National Parks & Wildlife, as well as other government agencies and conservation partners to achieve our combined visions to secure Zambia's amazing natural heritage for the benefit of all.

As ever, none of what we do would, or wish to do would be possible without the dedication and commitment of the Rangers we support and work with on a daily basis. Our thanks and admiration goes to these brave men and women.

Thank you.

Sport Beattie
CEO & Founder

A Decade of Conservation Successes

GRI was founded during a discussion between CEO Sport Beattie and wildlife artist David Shepherd on the banks of the Zambezi in 2008. Alongside Sport, Wildlife Rescue Department Director, Rachael Murton, and Head Keeper, Oliver Munyama, have been with GRI since the start. Here, they look back at how the organisation has grown over the past 10 years.



Did you ever imagine that GRI would turn into the organisation it is today?

S: I could never have imagined the honour that you feel while working in Zambia. We play a very important role in helping to support the Department of National Parks and Wildlife to save some of the greatest wildlife spaces left on the planet.

What is GRI's biggest success?

R: It's hard to say because the successes keep building all the time. Awareness of the challenges is being created worldwide all the time. Support to the communities around the parks and to the Rangers is increasing all the time.

S: I agree, there is no defining thing that we can call our biggest success, apart from maybe saying that we started from zero and have grown into a relatively formidable enterprise that is providing tangible impact and good outcomes for wildlife.

What challenges have you overcome?

O: We started out at what is now the Release Facility in Kafue National Park, with a tent for an office. We used to have to drive for 30 minutes every day to draw water. We only had one car, and had to travel all the way into Lusaka for groceries.

S: People used to laugh at our Keepers when we drove through Kafue National Park headquarters. Now we've got a pile of applications - there's been a change in mindset by the local community. They see that what we do is valuable, important and meaningful.



Have staff attitudes changed?

S: Our staff have always had a "can-do" attitude. It's a humbling environment to work in.

R: The staff see a value in wildlife and have a passion for conservation. People have been allowed to flourish. Oliver, for example, started with us as a kitchen hand, washing dishes and now he's the Head Elephant Keeper at Lilayi training to become a vet.

What keeps you motivated?

S: Conservation is a very challenging environment. There are many times when you question whether or not you're making an impact. You just have to look around you, take smaller steps, keep in a straight line, and realise what a privilege it is to work in these wild spaces. Our surroundings and supportive partners give us the courage to keep going.

What's next for GRI?

S: The population of Africa is set to double in the next 15 years, so the pressure on wild spaces is going to increase. If we're not careful, we'll lose those spaces and all the wildlife within. We need to find a way to protect and expand the remaining wild spaces by engaging the communities that live on their borders.

Mission

Empowering Rangers and Local Communities to Conserve Nature

Goal



Vision

A sustainable planet where man and nature co-exist in total harmony

Values

Empowerment - Fairness - Integrity - Trust - Transparency - Team Effort - Accountability

About

Game Rangers International (GRI) is a conservation organisation working alongside the Department of National Parks and Wildlife (DNPW) and local communities to protect wildlife in Zambia.

GRI embraces a holistic approach to conservation, empowering Rangers across three core thematic areas:



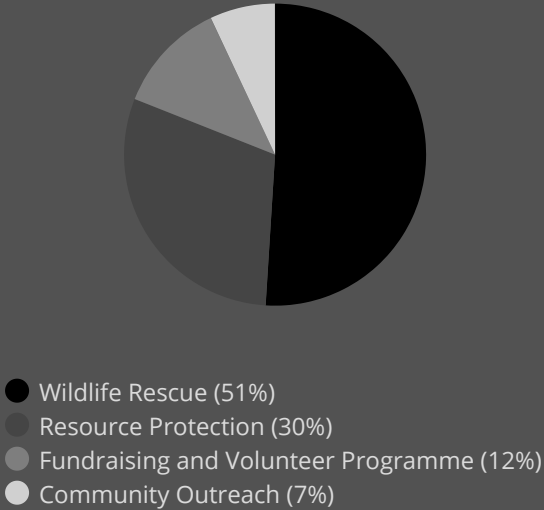
GRI's core capability lies within its Ranger Empowerment Model which is designed to facilitate and empower existing Rangers with adequate levels of welfare, training and operation support, to motivate them to be more efficient and effective in conserving wildlife.

The Ranger Empowerment Model is a partnership with government, whereby government provides the manpower, pays the salaries and meets the statutory obligations in relation to this manpower, and GRI supports the rest, including but not limited to: - housing schooling, medical & bereavement support, performance bonuses, uniforms, kit & equipment, vehicles and logistics, rations, communications, technical and support services.

This standardised *plug and play* model is easily replicable, allowing for rapid expansion into hotspot areas. Equally, the Ranger Empowerment Model is very scalable, thus allowing for its deployment across large protected area landscapes. A centralised administrative support and governance system ensures that donor funds are maximised via an exponential economy of scale.

INCOME BY DEPARTMENT

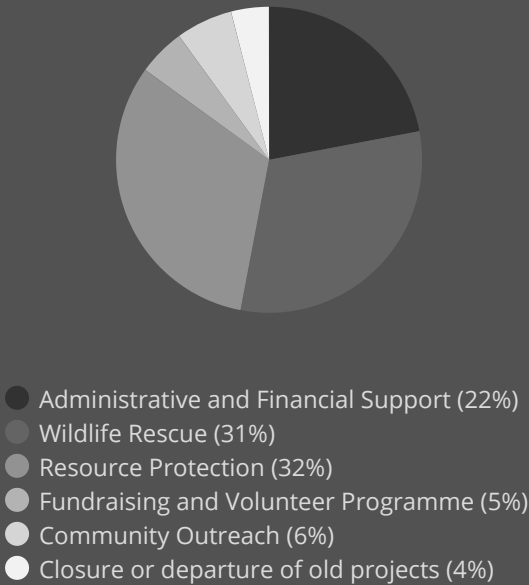
- GRI funds the Administrative and Financial Support Department through levying 10% of all grants and through unrestricted fundraising
- Over half of GRI's income was through grant support to the Wildlife Rescue Department
- GRI's own fundraising activities generated 12% of total revenue - a significant achievement



	Grants	Other Revenue	Total
Admin	73877	155425	135302
Wildlife Rescue	595851	8113	603964
Resource Protection	356912	41308	368220
Fundraising and Volunteer Programme	45844	121503	167347
Community Outreach	88557	12462	101019
Closure or departure of old projects	-97466	11034	-86432
			1289420

EXPENDITURE BY DEPARTMENT

- GRI invested in organisational development recruiting a Country Director and investing in the financial management and administrative function. This investment is reflected in the increased costs for administration and financial support
- Overall GRI's core programmes Resource Protection, Wildlife Rescue and Community Outreach comprise 69% of all costs/expenditure
- There were some small costs in 2018 relating to the closure and divestment of the Wildlife Crime Prevention Project and the Zambia Primate Project



	Programme Costs	Staff Costs	Finance Costs	Total
Admin	128,907	181281	4281	314,469
Wildlife Rescue	131,323	282276	13992	427,591
Fundraising and Volunteer Programme	27,551	26609	9640	63,800
Resource Protection	206,099	226572	19478	452,149
Community Outreach	21,235	61423	90	82,748
Closure or departure of old projects	46,358	762	11936	59,056
	561,473	778,923	59,417	1,399,813

RESOURCE PROTECTION

GRI's Resource Protection Department supports the Department of National Parks and Wildlife to provide welfare, training and operational support to wildlife personnel on the frontline of conservation.



PREVENT • PROTECT • PRESERVE

GRI's Resource Protection Department protects Zambia's wildlife by countering illegal wildlife crime. GRI currently supports and empowers two DNPW anti-poaching units (APUs) with training, ranger welfare equipment and operational supplies.

The Marine APU operates from the Musa Command Post in KNP South and it provides a full time presence on and around Lake Itzhi-Tezhi to combat poaching and illegal fishing. It will support the Connected Conservation Project, supported by WWF, which detects illegal park entry via using Hi Tech surveillance equipment

The 'Special Anti-Poaching Unit' (SAPU) based at Hook Bridge, is an intelligence driven rapid reaction force, which conducts strikes against illegal trafficking networks in and beyond KNP. Since it was founded in 2013, SAPU has apprehended 614 poachers, recovered 333 illegal firearms and seized over 20 tonnes of bushmeat.

GRI has a full time Workshop and Maintenance Team maintain existing physical assets, and support the development of additional park infrastructure, such as upgrades to Chunga Training School



THE
BEIT
TRUST



2018 ACHIEVEMENTS



299 Patrols Conducted



10,505 Ranger Patrol Days



493 Ranger Training Days



82 Poachers Apprehended

April was a record month for SAPU, with 24 apprehensions, 17 illegal firearms seized and 4 live pangolins recovered and released



262 Snares Removed



1,138kg Bushmeat Seized



40 Poachers' Camps Dismantled



37 Bicycles recovered

Walking with the Wounded provided life-saving tourniquet training to the SAPU Teams and 89 new Ranger Recruits at the Chunga Training School

Since 2013, GRI support has achieved:



907 Poachers Apprehended



362kg Ivory Recovered



1,760 Patrols Conducted



455 Convictions*



2,042 Snares Removed



32 Vehicles Recovered



479 Illegal Firearms Seized



217 Poachers' Camps Dismantled



12 Live Pangolins recovered



22,620kg Bushmeat Seized

* The full record of convictions is not available. Where there are direct records vs apprehensions, rate is >74%

2018 HIGHLIGHTS

Senior Support Officer Neddy Mulimo was one of just 50 recipients worldwide to be presented with an **African Ranger Award** from Paradise Foundation International



The **David Shepherd Wildlife Foundation** kindly funded critical upgrades to the accommodation and ablution facilities at SAPU Camp



The **Nature Conservancy** provided annual Fire Fighting Training at the Chunga Training School for DNPW and local operators



Sean Wilmore, President of the **International Rangers Federation**, visited SAPU at Hook Bridge

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SAPU hosted Colonel Mike Geldard and Captain Luke Townsend from the British High Commission who are involved in discussions regarding British Army support to Ranger Training



DNPW Ranger Charles Mbao returned to Kafue National Park as the SAPU Commander having graduated from the Southern African Wildlife College



The Workshop and Maintenance Team completed **The Beit Trust** funded works at Chunga Training School with the construction of a new cooking shelter



GRI & DNPW partnered with **WWF, Cisco Systems & FLIR** in the Connected Conservation Initiative to create a virtual fence across Lake Itzhi-Tezhi

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CEO Sport Beattie and Senior Support Officer Neddy Mulimo attended the inaugural **African Rangers Congress** in South Africa

2019 OBJECTIVES

- ① Reconfirm Resource Protection Department strategy
- ② Conduct training to strengthen the Marine Unit's collection and collation of data and enhance their response capabilities
- ③ Complete basic ranger training for 15 new Marine Unit recruits
- ④ Get the Aerial Support Unit airborne, with a local pilot
- ⑤ Launch the USAID funded Community based Law Enforcement and Fire Control in Mumbwa and Namwala GMAs
- ⑥ Construct a Quartermaster Store at Chunga Training School, funding courtesy of the Beit Trust
- ⑦ Increase IT capabilities of field based staff, in order to better enable collaborative planning and reporting

COMMUNITY OUTREACH

GRI's Community Outreach Department supports the Department of National Parks and Wildlife to raise conservation awareness and support sustainable livelihoods in communities contiguous to Zambia's Protected Areas



EDUCATE • EMPOWER • ENGAGE

GRI's Community Outreach Department has developed a low-cost, effective and easily-replicable community conservation model, designed to increase conservation awareness and build the capacity of communities to protect and preserve wildlife. The model introduces "Community Outreach Cells" – geographically focused hubs of education, empowerment and engagement activities. The placement of cells is determined by national hotspots of wildlife crime, as identified by GRI's Resource Protection and Wildlife Rescue Departments.

Each cell is operated by one Education Officer and one Community Officer – each equipped with a motorcycle and smartphone. The Education Officer is responsible for building the capacity of 50 teachers to deliver weekly conservation education to 1,000 children in 25 schools. The Community Officer is tasked with establishing 5 women's groups and empowering each to initiate a sustainable income generation project. A mobile Cell Coordinator travels between each cell, presenting conservation-themed radio programs at selected community stations, mentoring staff and monitoring cell activities. Currently operating 1 complete and 2 partial Community Outreach Cells, the Department reaches 3,000 school children, 180 women and 75,000 radio listeners each week.

In addition to these the core components, the Community Outreach team implements ad-hoc 'special projects' in response to individual community needs. These include human-elephant conflict mitigation strategies, the development of schools and clinics, and providing welfare support to vulnerable community members.



2018 ACHIEVEMENTS

2000 children from 50 primary schools received weekly conservation, with a special focus on elephants, pangolins and primates



2 community beehives installed



40 families provided with solar power



35 households and 1 school provided with running water



50 teachers trained in early childhood development

Two episodes of *Conservation Conversations* was broadcast each week from two community radio stations, reaching 75,000 listeners from 6 Districts across Zambia



11 orphaned and vulnerable children fully sponsored



16 children of Village Scouts enrolled in school



17 Rolling Water Barrels distributed



9 Women's Empowerment Groups fully supported

Through the sale of donated clothing, GRI's women's groups generated over \$2,500 seed funding for their income generation projects

Since 2010, GRI support has achieved:



180 women have been empowered with sustainable livelihoods



18 people have been trained as Community Mobilizers



500 babies have been born complication-free at Basanga Maternal Health Centre



90,000 individuals have benefited from GRI's portable dental clinic



15,000 children have received conservation education



40 vulnerable families have received welfare support



21 people have been trained as HIV/AIDS testers & counsellors



126 orphaned children have been provided full school sponsorship

2018 HIGHLIGHTS

GRI - Community Outreach partnered with **DNPW** to develop a concept document for a Conservation Education Centre in **Lusaka National Park**



Senior Community Officer, Britius Munkombwe, graduated from the **Emerging Wildlife Conservation Leaders Program** in Washington DC



Inspired by the elephant orphans, **Roaming Elephant** artist Matt Shapira painted elephant murals on 3 primary school walls



Eight volunteers from oral health charity **Dentaid** screened 626 patients, extracted 376 rotten teeth and distributed 860 toothbrushes

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The work of GRI - Community Outreach was featured in **Nkwazi Magazine**, **Wildlife Matters** and on **BBC Radio Surrey**



Education Officer, Leonard Kalima, participated in an Educator Exchange with **Chipembele Wildlife Trust**, in South Luangwa National Park



The **Private Enterprise Program-Zambia (PEPZ)** trained Mukambi Women's Group to make beaded bracelets



Good Steward Global Initiatives donated over 50,000 books, enabling GRI to establish 4 Ranger libraries and distribute books to 25 low-resource organisations

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GRI - Community Outreach collaborated with students from the **American International School** to provide new signage for Lusaka National Park

2019 OBJECTIVES

1 Deliver conservation education to schoolchildren living contiguous to Zambia's Protected Areas

- Monitor GRI's existing Conservation Education Program in 50 schools
- Construct and run a world class Conservation Education Centre in Lusaka National Park

2 Empower vulnerable women with sustainable livelihoods

- Support 10 women's empowerment groups with small scale income generation projects

3 Engage rural communities in wildlife conservation

- Broadcast weekly conservation content to engage and inspire communities
- Build the capacity of Community Resources Boards to manage Zambia's natural resources

4 Secure adequate funding for the Community Outreach Department

- Submit high quality funding applications to grant making trusts and foundations

5 Raise unrestricted funds and awareness for GRI - Zambia

- Engage a global network of supporters through daily social media interactions
- Create and circulate a 2018 Annual Review, detailing GRI's successes and strategy
- Maintain GRI's website and weekly blog to increase supporter engagement
- Manage the Elephant Adoption schemes and create more sponsorship packages
- Collaborate with partners to launch targeted fundraising campaigns

WILDLIFE RESCUE

GRI's Wildlife Rescue Department supports the Department of National Parks and Wildlife in the rescue, rehabilitation and release of wild animals injured or displaced as a result of human activity.



RESCUE • REHABILITATE • RELEASE

GRI is growing a vision to support DNPW with the development of a Wildlife Rehabilitation Centre to cater for all wildlife species in distress. Over the years, GRI has supported with the care, rehabilitation and release of a number of species. With a high number of reported wildlife in distress there is a clear need to provide such support and resources to DNPW's veterinary department, in addition to GRI's core Wildlife Rescue work involving elephant orphans.

GRI's Elephant Orphanage Project has been in operation since 2007. Throughout Zambia elephant calves are found orphaned or displaced as a result of ivory poaching and human-elephant conflicts. Under the age of 2 years old these calves are very unlikely to survive without the incredibly nutrient rich milk of their mothers. Once an orphan has been identified, DNPW and GRI work to stabilise the calf and bring it to the safety of the Elephant Nursery, where an experienced team of Keepers and veterinary specialists nurse the calves back to health. Once physically strong and old enough to be weaned from milk formula the elephants are moved to the Release Facility in Kafue National Park where they join the older orphaned elephants in a much bigger herd. Here they learn the importance of herd structure, hierarchy and etiquette, which is a vital element of their development and journey back into the wild.

GRI collects data on all elements of the elephants' journey from point of rescue through to release and utilises this research to guide our methodology and inform management decisions. Our data and analysis on medical conditions and nutrition have been vital in saving the life of orphans both within our care and further afield, as GRI endeavours to share its learnings and experience with other regional and international organisations equally dedicated to supporting wildlife.

2018 ACHIEVEMENTS

All elephant data (including daily feed and observation records, medical notes and exams) is now uploaded directly onto iPads, enabling much easier extraction for analysis and reporting



22,799 litres of milk consumed by the Nursery Herd



19 visits made by DNPW vets to the orphan elephants



608 school children visited the Elephant Nursery



331 nights spent in the wild by the release-phase elephants

GRI was nominated by The Nature Conservancy (TNC) to attend the African Conservation Leadership Network Program hosted by TNC and Maliasili Initiatives



559 hours of Behavioural Observation Studies completed



3 elephants graduated to the Kafue Release Facility



7,941 visitors to the Elephant Nursery Viewing Deck



5,927km travelled by the release-phase elephants

GRI, Panthera and ZCP collaborated to support DNPW Veterinarian Dr Nabiwa to attend the Physical and Chemical Capture/Restraint of Wildlife Course in Zimbabwe

Since 2007, GRI support has achieved:



44 Orphan Elephants Assisted



9 Elephants graduated to the Kafue Release Facility



11 International Rescue Facilities Supported



12 species of injured, orphaned or displaced wildlife assisted



2 Orphan Elephant Identification & Response Trainings Facilitated



3GPS and 1 VHF Collar fitted to orphaned elephants



54 hours of Behavioural Studies completed each month



200 Litres of milk consumed each month

2018 SUCCESS STORIES



The Wildlife Rescue Team successfully rescued two orphaned elephants - six month old Tuko from Livingstone, and eleven month old Lani from Fiera



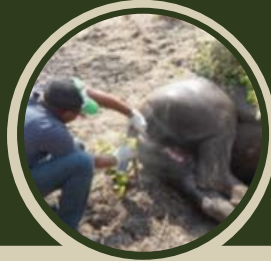
GRI hosted a Rescue Workshop at Lilayi Elephant Nursery with **DNPW** Vet Dr. Katampi and **IFAW**'s Animal Rescue Department



The Wildlife Rescue Team provided technical assistance with a 'problem' elephant in captivity in Livingstone, and supported plans for his release into the wild



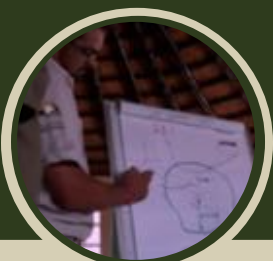
Orphan elephant Mulisani was successfully relocated to the Kafue Release Facility in November, and has since integrated well amongst the orphan herd



The GRI Veterinary Unit supported DNPW vets to attend to a sick rhino in Mosi-Oa-Tunya National Park in Livingstone



Njani and Kakaro graduated from the Nursery to the Release Facility. A few weeks later, they followed Chamilandu on an excursion into the bush and chose to remain with a wild herd



A GRI cross-departmental preliminary strategy meeting was held with DNPW to discuss the threats to the elephant orphans



The Research Team applied to **'Conservation Evidence'**, an initiative which aims to bridge the gap between research and conservation managers



The Veterinary Unit supported DNPW Vets to attend to a snared elephant in Chunga. **Dr Nabiwa** successfully removed the snare, treated the wound and released the young bull

2019 OBJECTIVES

- ① Improve support to DNPW Vet Unit
- ② Improve uptake and successful rescue of orphaned elephants
- ③ Maximise opportunities for elephant rehabilitation-release progression and ensure best practice
- ④ Improve and professionalise facilities and working conditions
- ⑤ Support communities with human-wildlife conflict mitigation
- ⑥ Strengthen GRI reputation and voice, and expand knowledge base
- ⑦ Secure adequate funds for 2019 and beyond, with ability to expand and professionalise
- ⑧ Establish a presence in Lusaka National Park
- ⑨ Expand Research opportunities to fulfil Orphaned Elephant Release Programme Strategy and greater contribute to elephant conservation
- ⑩ Ensure adequate security for Orphaned Elephant Release Area in South Kafue National Park

SUSTAINABILITY

FUNDRAISING



Elephant Epic

A record 171 riders participated in the 2018 Elephant Epic mountain bike race! The competitors cycled an exhilarating 73km mixed-terrain route from Leopards Hill to Lower Zambezi to raise a staggering \$17,000 for wildlife conservation in Zambia.

Huge thanks to Bell, Zamefa, K2, Kal Tire, Pre Secure, R&G Printing, Southern Cross Motors, BSi Steel and Signs of the Times for generously sponsoring the event.

Defending champion Owen Green won the race with a phenomenal time of 2:35:17. The fastest lady, Theresia Van Zyl, came in at 3:10:50, claiming 15th place overall.

2019 Events Calendar



Elephant
Ball

MAY



Elephant
Epic

JUNE



Ele
Fest

TBC



COMMUNICATIONS

GRI launched a brand new website in December and introduced "The Elephant Diaries" - a weekly blog providing engaging Elephant Orphanage Project updates directly from the field.

www.gamerangersinternational.org

GRI's monthly newsletter has also been updated with a fresh new look. Many thanks to Black Bean Productions for use of their stunning imagery, and to VincentFrank for helping to develop GRI's Communication Strategy.



game_rangers_international
14,900 Followers



GameRangersInt
1,818 Followers



GRI - Zambia
12,744 Followers

GRI - VOLUNTEER PROGRAMME

In 2018, GRI welcomed 18 volunteers from 9 different countries, who assisted us in the delivery of the following activities:



Elephant Orphanage



Community Empowerment



Media & Marketing



Research

Special projects included:

- Producing new displays and info boards for visitors
- Distributing library books to local primary schools
- Creating comprehensive elephant identification guides
- Facilitating litter picking activities in local communities
- Setting camera traps to generate a wildlife database of the species living around the Release Facility
- Using radio telemetry to practice locating the release phase elephants
- Cataloguing the flora around the Release Facility and creating an Elephant Browse Collection Guide
- Helping to trial new Behavioural Observation Study methods



"The team is wonderfully gifted in their knowledge of wildlife and their science background is impeccable"

Bruce Collin

"I would heartily recommend anybody to come and do a stint with GRI."

Janet Petersen

Extraordinary Contributions:

- Liesbet Claeys raised over \$6,300 for GRI by hosting a party at the Acasa Group in Belgium.
- Ann Hunt produced a series of stunning elephant prints to raise funds for GRI-Wildlife Rescue
- Bruce Collin helped raise conservation awareness in his article for *Nature Photography Magazine*
- Muriel Simukonda went above and beyond, earning her a full time role at GRI!

New for 2019:

GRI will offer three new placements in 2019, giving volunteers the opportunity to help with wild elephant research, biodiversity surveys and human-elephant mitigation.

GRI will also be launching the Zambia Volunteer Counterpart Programme, providing subsidised placements to Zambian nationals.

A key focus for 2019 will be engaging the Volunteer Programme's alumni network to represent GRI as global ambassadors.



#WeAreAllRangers



What we save, saves us

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