



CONSERVATION LOWER ZAMBEZI

OPERATIONS REPORT 2011



Ivory recovered from elephant carcasses during Anthrax outbreak 2011

Prepared for Conservation Lower Zambezi AGM April 24th, 2012
Ian Stevenson – CEO

CONSERVATION LOWER ZAMBEZI - OPERATIONS REPORT 2011

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ADMINISTRATION

MANAGEMENT AND STRUCTURE

CLZ said good-bye to Kerri Rademeyer in April 2011. Kerri was very dedicated and passionate about CLZ and kept things going often alone through difficult times. She did fantastic work, is greatly missed and we wish her well. Brendan Raisbeck took over from Kerri at quite short notice and did a wonderful job of managing CLZ and its relationship with ZAWA, Communities and Operators and raising moral with the patrol teams. Brendan left CLZ at the end of October 2011 to be with his family in Lusaka. We would like to say a huge thank you from all of their hard work, guidance and the additional skills they brought to CLZ.

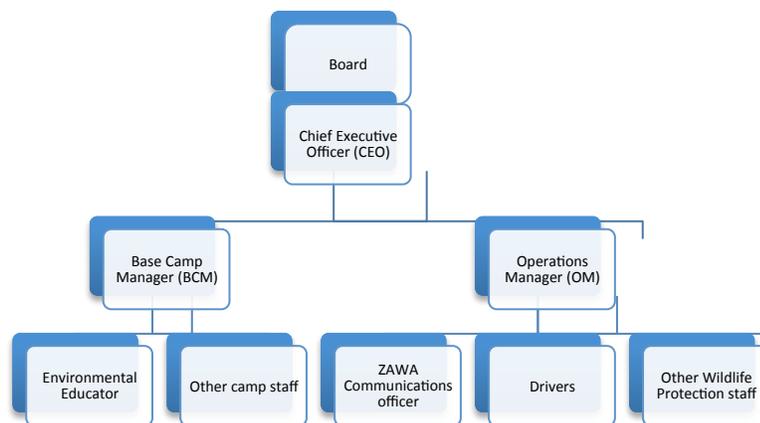
Sarah Davies returned to CLZ as a permanent employee in March 2011 as Base Camp Manager and to oversee the Environmental Education Program. Sarah brought much needed skills such as proposal writing, communications and administration with her and already the effects of Sarah's input have been noted. She has become a very valuable member of the team.

Ian Stevenson returned to Lower Zambezi and CLZ as CEO after 6 years away in Ethiopia and northern Zambia working with African Parks and some of Africa's best-known conservationists. It is hoped that some of the new skills and practices Ian learnt while away will be beneficial to CLZ in taking it forward to the next step.

Besa Kaoma was employed full time at the end of 2011 as CLZ's Environmental Educator. Besa worked for a full year for CLZ as a consultant and is very familiar with the area how CLZ functions. It is wonderful to have him on as a full time member of staff.

A proposal and application have been submitted to USFWS to recruit a full-time Operations Manager in the middle of 2012. We are awaiting a positive reply.

A management structure has been revised and incorporated into the new draft constitution (see organogram below)



MAIN ADMINISTRATIVE ACCOMPLISHMENT FOR 2011

- New Management Team in place
- Finance Manual has been compiled and approved by the Board
- Duty and VAT exemption has been granted for CLZ
- 2012 Work Plan was compiled and approved by CLZ board
- 2012 Budget was compiled and approved by CLZ board

WILDLIFE PROTECTION AND ZAMBIAN WILDLIFE AUTHORITIES

CLZ SUPPORT TO ZAMBIAN WILDLIFE AUTHORITIES (ZAWA)

CLZ continue to work closely with ZAWA by supporting the local wildlife authorities in the protection of wildlife in the Lower Zambezi. Towards the end of 2011 efforts were made to increase coverage in the escarpment and to supply more support to the Chiawa and Rufunsa GMAs however to maintain a focus on hot areas where illegal activities are most common.

CLZ provides:

- deployments and pickups into the park/AGM by boat and vehicle
- ration packs for patrol teams (an increase from 52 packs in 2010 to 83 in 2011)
- communications between patrols, Command Control and CLZ
- 24/7 control room to support patrol teams
- operational and logistical advice and support to help with patrols and management of the area
- special operations
- aerial patrols (when plane available)
- first aid kits
- GPSs and a GIS monitoring system
- patrol equipment

LAW ENFORCEMENT AND WILDLIFE PROTECTION

In October 2011 we welcomed the new Acting Area Warden – Solomon Chidunuka. Mr Chidunuka is very familiar with the LZNP as he was previously based in Luangwa Boma at the east end of the park. CLZ have found the Acting Area Warden very supportive and appreciative of CLZ assistance.

Patrol Man-days

Note; man-days in 2011 (and possibly prior years) include ZAWA deployment in and outside CLZs area

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
man-days	3,879	5,751	4,746	3,549	2,218	4,409	5,360	6,550	7355	7942

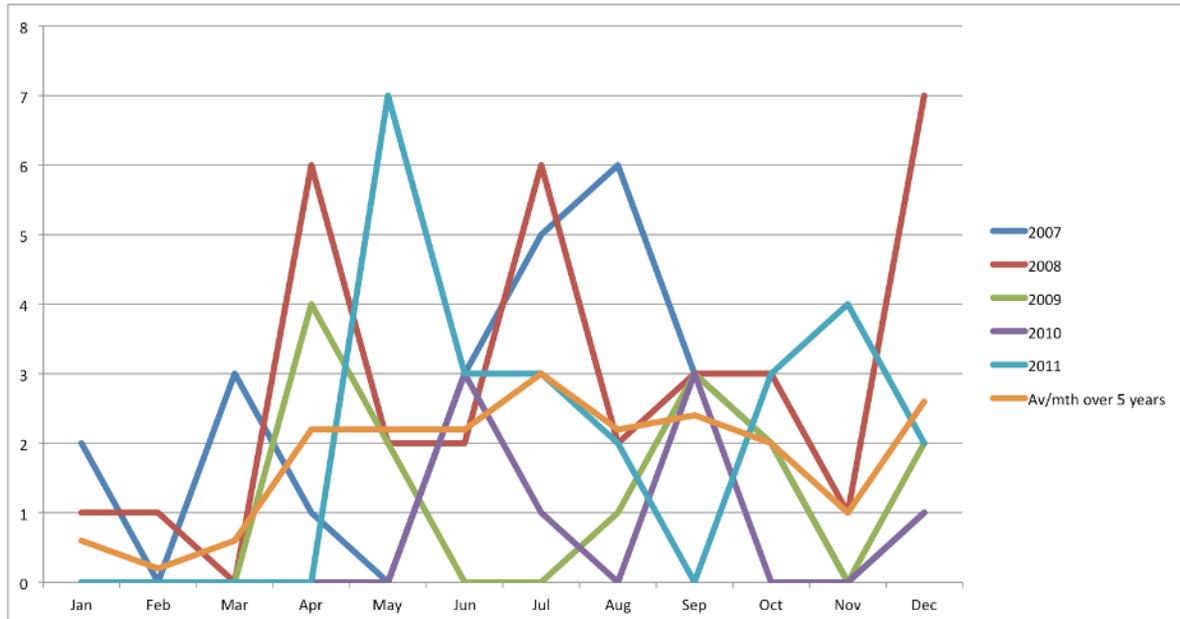
Poached Elephant Carcasses found in the Lower Zambezi National Park

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
16	7	10	9	14	13	26	34	14	8	24

Poached Elephant Carcasses found in Lower Zambezi National Park 2007 - 2011

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT
2007	2	0	3	1	0	3	5	6	3	2	0	1	26
2008	1	1	0	6	2	2	6	2	3	3	1	7	34
2009	0	0	0	4	2	0	0	1	3	2	0	2	14
2010	0	0	0	0	0	3	1	0	3	0	0	1	8
2011	0	0	0	0	7	3	3	2	0	3	4	2	24
Av/mth over 5 years	0.6	0.2	0.6	2.2	2.2	2.2	3.0	2.2	2.4	2.0	1.0	2.6	21.2

Graph of Poached Elephant Carcasses found in Lower Zambezi National Park from 2007 to 2011



Placement of poached elephants in the Lower Zambezi NP in 2011



CONTACTS AND RECOVERIES BY ZAWA SCOUTS

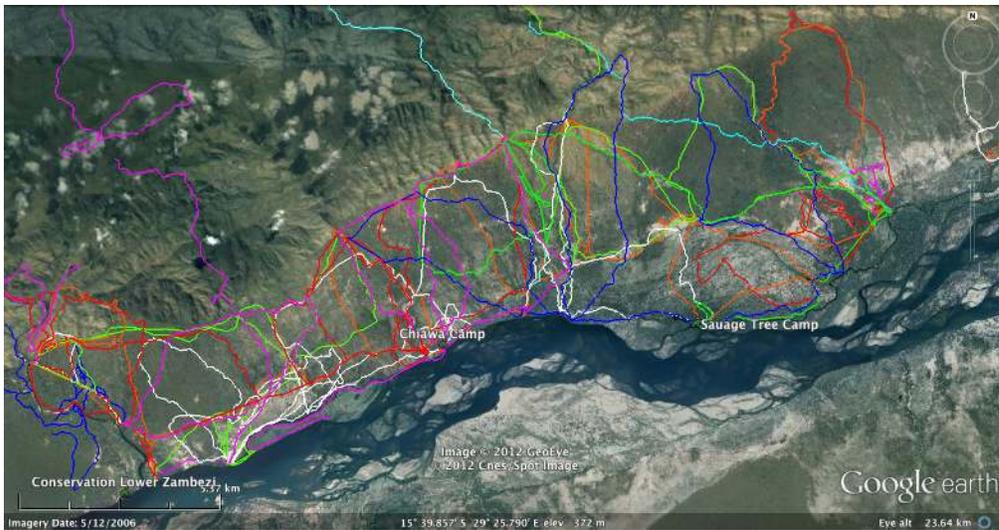
Recoveries in 2011

Month	M/Loader	AK47	Suspects	H/M shot gun	Assaulted meat(kg)	Ammos	Ivories (pair)	Snares (raws)
Total	10	5	11	4	455	34	2	122

MONITORING SYSTEMS

In 2011 improvements to the monitoring systems of the protection efforts supplies by CLZ have been implemented. GPS tracks did not seem as effective as hoped and therefore patrol teams have been trained to log all patrol tracks which are then downloaded onto a basic Geographical Information System (GIS). All data is then sent monthly to the Area Warden. This data greatly assists to monitor and manage the effectiveness and coverage of patrols.

Example of monitored patrol coverage from Jan to Mar 2012



AERIAL MONITORING AND PATROLS

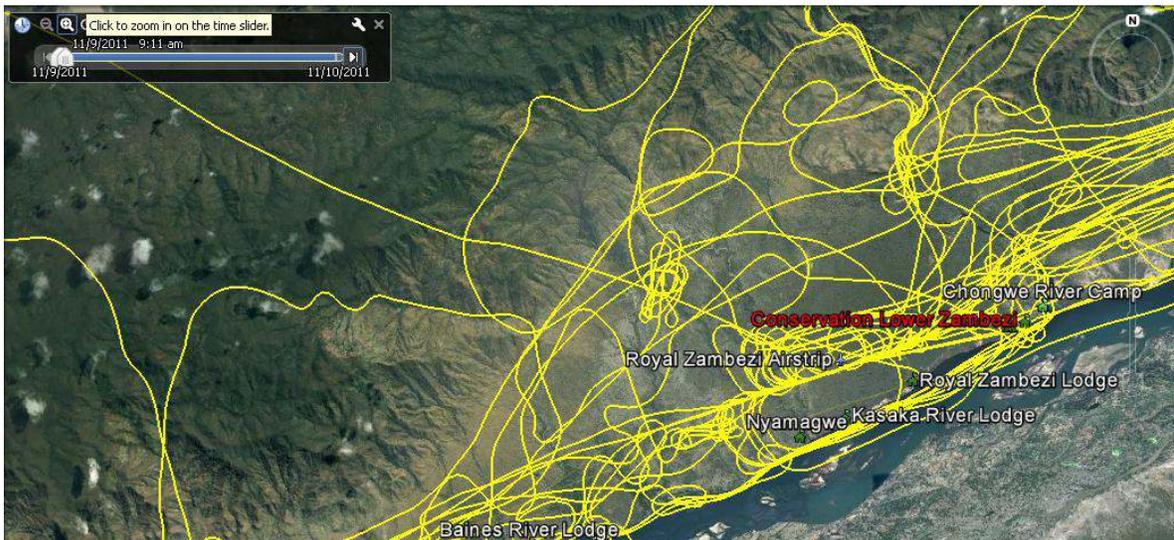
Aerial monitoring is one of the most valuable protected area management tools available. It enables us to monitor otherwise unprotected areas of the Park, detects a high level of illegal activity (over 50% of poached elephant carcasses), provides vital support to patrols teams, supports research and assists with finding injured wildlife.

In 2010 Glenn Goodall kindly leased a C172 plane to CLZ for 2 years for no charge. In March 2012 he generously agreed to extend the lease for a further 3 years. The plane is in its final stages of having its registration changed from South Africa to Zambia and will now be registered as “9J-CLZ”

CLZ is hugely grateful to Brad Reid who not only has volunteered his time to fly patrols for us but also oversaw the whole process of the change of registration including flying himself to South Africa. CLZ would also like to thank Mark Bryant who flew several CLZ missions with his personal plane, free of charge to bring in vets during the anthrax outbreak and when baby orphaned elephants we found.

CLZ’s Plane flew 65 hours in 2011. Incorporated in the GIS monitoring system is data on all plane aerial tracks.

An example of aerial patrol tracks for Nov/Dec 2011 in the GMA



DARTING & SNARE REMOVAL

The incidence of snaring appears to have increased towards the end of 2011. During the year Rachel McRobb assisted to remove a snare from a male lion and Dr Harvey Kamboyi darted and removed a bad leg snare from an elephant. In the last 6 months we have had reports of:

- 3 elephants with snares (2 young babies)
- 2 Impala
- 1 x Puku

Ian Stevenson who used to assist ZAWA with darting snared wildlife in the LZ and who has kept his licence valid has applied to ZAWA for support and permission to be registered to assist again. We are awaiting feedback.

Over 120 snares were recovered from the field in 2011.

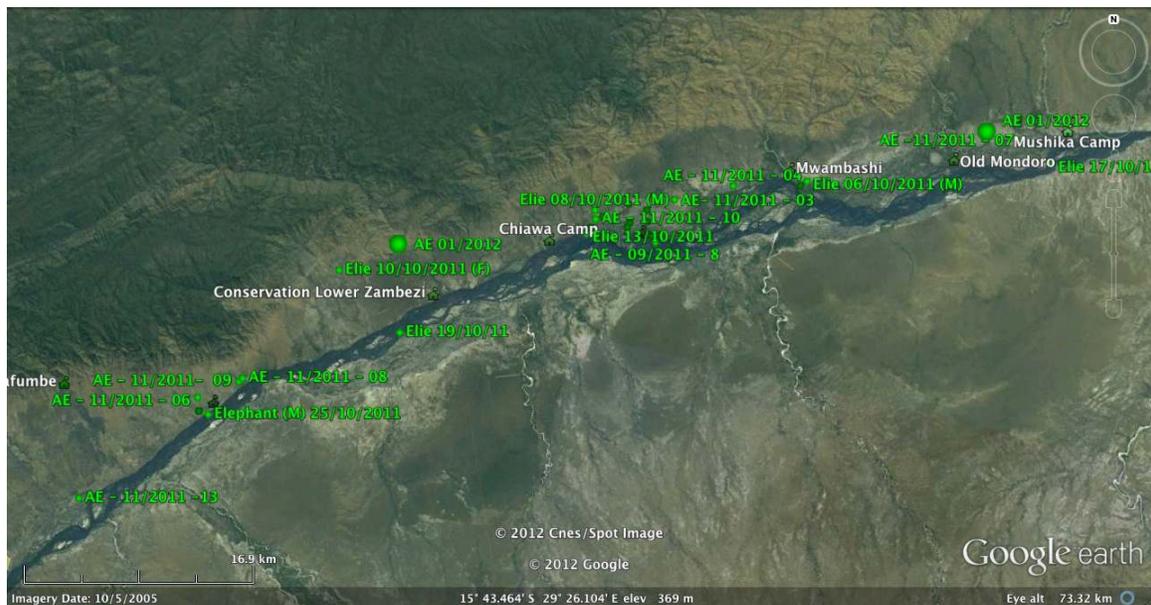
WILDLIFE REHABILITATION

In 2011 CLZ were involved in rescuing 3 orphan elephant calves. Unfortunately only 1 survived and Bezi has now been introduced to the small elephant calf herd at the Lilayi Lodge base of the Elephant Orphanage Project. Thanks to Royal Air Charters for assisting with relocation costs, EOP for all of their help and the ZAWA vets Dr. David Squarre and Dr. Harvey Kamboyi. Thanks also to Cherri Briggs and Richard Wilson as well as World Women Work and Ted Karnezos for their generous donations to help us cover costs of Bezi's upkeep.

In September 2011 orphan buffalo calf Schnitzel was successfully relocated to Liuwa Plains by African Parks Network and has joined the buffalo breeding program in this area.

ANTHRAX OUTBREAK

Lower Zambezi had an outbreak of the naturally occurring sub-saharan African disease, Anthrax in 2011, which killed 36 elephants, and it is estimated over 75 buffalo and over 150 hippo. There were also unconfirmed reports of it effecting animals such as civet and kudu. ZAWA and the Government Department of Veterinarian Services responded and confirmed the outbreak. CLZ assisted the government and ZAWA to locate carcasses, monitor the situation and collect the ivory from anthrax elephant carcasses. When the anthrax spread to the lion population CLZ immediately responded to assist ZAWA to bring in Dr Ian Parsons to dart and treat the affected lions and to vaccinate several others. If it was not for this intervention we doubt many of the lions would have survived. Many thanks to Dr Parsons, Dr Squarre and Dr Kamboyi for their (unpaid) assistance.



Location of elephant carcasses that died of anthrax in 2011

COMMUNICATIONS

Radios and Repeater:

Communications are vital to effective law enforcement. The loss of the repeater in May 2011 has seriously affected ZAWA and CLZs effectiveness in the LZ and the safety of the patrol teams. Charles Davy has kindly offered to assist with a multiple repeater system which will be based on the valley floor and although there will be little cover in the escarpment the valley floor will be well covered. A huge thanks go to Jeremy Pope and Conservation Foundation Zambia who have pledged \$5,000 towards the repeater system. We hope it will be installed by the middle of 2012.

CLZ BASE CAMP

BASE CAMP

In 2011 CLZ provided overnighting Proflight pilots with 104 bed nights during the April – November who in returned paid \$50 per person per night for the service (transfers and supper). This raised CLZ \$5200 in 2011. Thank you Proflight. Members also utilise CLZ on a self-catering basis for £50 per person per night which helps to raise vital extra funding for CLZ.

EQUIPMENT AND MAINTENANCE

- The solar power infrastructure at CLZ has benefitted from extensive maintenance and repairs. A Beit Trust Application has been submitted to finish the last stage of completely solarising base camp (mainly water pump and refrigeration).
- Lawn, wood work, thatching, furniture, painting, cement paths, plumbing, roofing, etc have all had maintenance and or repairs done. Many thanks to Royal Zambezi Lodge and Riccardo Garbaccio who donated materials, casuals and skilled labour which enabled us to carry out this fundamental work.

VEHICLES

- One of the anti-poaching vehicles had a fire in it, which caused damage. Barry Savage and Top Gear very generously fully panel beated, rubberised and re-sprayed the vehicle at no charge. All CLZ vehicles are now 10 or more years old and are now incurring significant costs to maintain and keep on the road. We are in the process of trying to secure funding to replace 2 of them.

BOAT

- A second hand boat engine was kindly donated by Charles Davy. All three boats at CLZ are now functioning.
- An old outboard was completely overhauled and given to ZAWA operation in Luangwa to allow them to operate in the wet season.

FUNDRAISERS AND MARKETING

The Treasurer's Report will outline main funding and donors.

FUNDRAISING

- *CLZ Just Giving Web Site: www.justgiving.com/clz*
In late 2011, a Just Giving page through Mugurameno Basic School Charitable Trust was established. Donations can now be made by credit card for small and large amounts through this UK website and if the donor is a UK taxpayer CLZ can also earn Gift Aid on the donation. Monies donated are collected by MBSCT and will be forwarded to CLZ as and when appropriate so as not to incur large bank fees. The CLZ Just Giving site has already raised almost £3,000.

- Easy Fundraising: www.easyfundraising.org.uk/clz
This is a great website which raises money for CLZ for free through internet shopping. Really needs more supporters though. So if you use internet shopping from the UK sign up for free and a percentage of whatever you spend goes to CLZ.
- Fundraisers during 2011 included the Valley Classic Fishing Competition which raised over \$4,000, the Van-Zam Fishing Competition which raised \$2,800 and Cocktails for Conservation raised \$5,020.
- Major donors secured in 2011 for 2012 include the Civil Society Environment Fund (\$100,000 2011-2013 for EEP), Magma Aviation (\$30,000 for Wildlife Protection), Sidecole (£10,000 for 2012 EEP), Pitons Foundation (\$5,000 for 2012 EEP), Tusk Trust (\$5,000 for 2012 HWC). Platinum Members: Ana Tree Lodge, Baines River Camp, Chiawa Camp, Chongwe River Camp, Mwambashi River Lodge, Sausage Tree Camp, Old Mondoro, Royal Zambezi Lodge (collectively \$96,000). Gold Members: Chongwe House and Kasaka River Lodge (\$14,400). Silver Members: Mvuu Lodge, Kanyemba Lodge and PMTP (\$10,800). Corporate/Stakeholder Members: Buya Bamba, ZSFA, Stevenson Family, Toyota Zambia, Theo Goveia, Henry van Blerk, Colin Street, Greg Barnes (\$8,000).
- We would also like to thank our other supporters in kind – Southern Sun who generously provide accommodation and meeting room facilities, Farm Pride Limited who give a good discount on our meat order, Buya Bamba who provide copious amounts of potatoes and onions and Chakanaka (Gerry Carben) who provide bananas.

MARKETING

- The monthly CLZ newsletter gets good feedback every month and seems to be a good way of keeping members and supporters updated with regards to CLZ goings on.
- The CLZ Facebook Page is now linked directly to our twitter page and both are well followed both domestically and internationally.
- CLZ has a permanent place in the popular new newspaper the Zambezi Traveller as well as benefitting from coverage in the Best of Zambia and Zam-Ads.
- The new www.conservationlowerzambezi.org website went live at the end of 2011 and will include a monthly updated blog and will hopefully help to improve our image amongst donors.

Results for 2011 Guides Exams:

CLZ continue to support, facilitate and conduct the Lower Zambezi Safari Guides Exams with ZAWA's endorsement. In 2011 CLZ ran the following:

- 2 x advanced 1 week walking courses with Rory McDougall
- 1 x 1 week general/driving course with Rory McDougall
- Written and practical driving exams

- Written and practical walking exams
- Written and practical canoe exams
- Written and practical boating and fishing exams

THE FUTURE – 2012

Main goals for 2012

- Renew CLZ's MoU with ZAWA
- Complete an updated version of a 5 year strategic plan
- Secure over \$400,000 in funding and good will
- Implement the Village Scout program
- Grow CLZs support to Community Development and Human/Wildlife Mitigation
- Support ZAWA with 12 patrols/month in the Park and GMAs
- Employ an Operations Manager
- Purchase at least 1 new Land Cruiser (ideally 2)
- Get the plane registered in Zambia
- Increase CLZ's membership
- Secure funds for 4 new tents and to re-thatch the main camp buildings

CONCLUSION

2011 was a year of change in management but all involved have done a great job of keeping CLZ on track and growing. The current relationship with ZAWA is strong and the scouts who daily put their lives on the line are doing a great job to protect the park. Poaching remains a very real risk to the LZ and CLZ must grow and adapt in order to effectively respond to this threat. Funding, although always a challenge for CLZ, seems to be stable and good progress has been made with regards to community assistance and environmental education.

We would like to extend our enormous gratitude to all the volunteers, stakeholders, companies, members, individuals and organisations which aid and assist us and without whom none of the work we do would be possible. It is our sincere hope that our work in the coming year will continue to earn your support.

Thank you!



www.conservationlowerzambezi.org

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