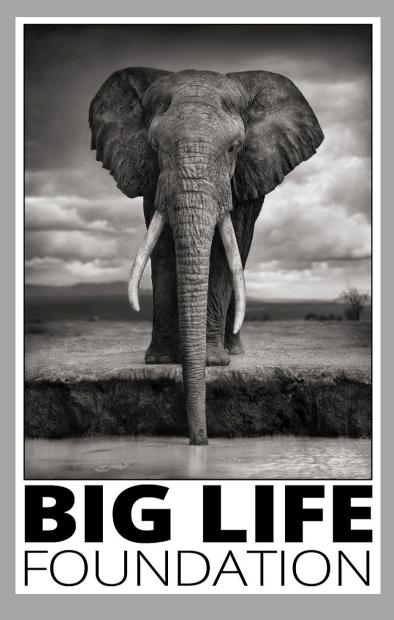
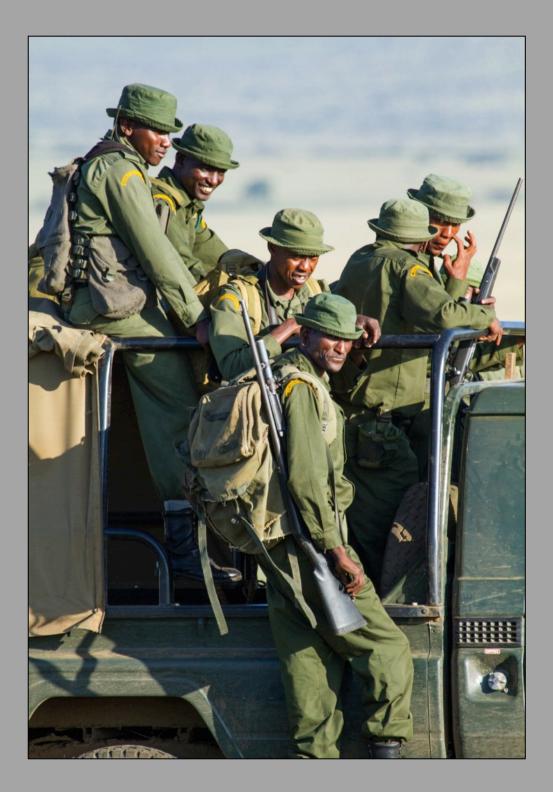
# 2014 ANNUAL REPORT





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## DIRECTOR'S NOTE

ELEPHANTS OF THE AMBOSELI ECOSYSTEM ARE SAID TO BE ONE OF THE SAFEST POPULATIONS IN AFRICA. KENYA WILDLIFE SERVICE, BIG LIFE AND ITS PARTNERS CAN CERTAINLY CLAIM SOME OF THE CREDIT FOR THIS ACHIEVEMENT, BUT I BELIEVE THE CORE REASON IS DUE TO THE SUPPORT BIG LIFE HAS FROM THE COMMUNITY WHOM HAVE JOINED US TO SAFEGUARD THE WILDLIFE OF THE ECOSYSTEM.

BIG LIFE IS PERCEIVED AS AN ORGANIZATION WHERE THE MAIN FOCUS IS ON WILDLIFE SECURITY. INDEED 64% OF OUR 2014 BUDGET WAS ALLOCATED TO THIS ASPECT, AND THE RESULTS SPEAK FOR THEMSELVES. BUT THE REMAINING 36% OF THE KENYA BUDGET IS DIRECTED AT OUTREACH AND COMMUNITY SUPPORT; IN THE FORM OF SUPPORT FOR SCHOOLS, WILDLIFE SCHOLARSHIPS TO GET KIDS INTO SCHOOL, AND ADDRESSING HUMAN-WILDLIFE-CONFLICT THROUGH LIVESTOCK COMPENSATION AND INTERVENING WHERE WE CAN TO STOP CROP-RAIDING, MAINLY BY ELEPHANT.

As we look forward it's very clear that we will have to remain vigilant to keep poaching at bay, and at the same time invest considerable energy and resources in looking at new ways to minimize the impact of human-wildlife conflict. The long-term solution lies in looking at the viability of wildlife-proof fences to protect farmers from what has become almost daily crop-raiding, and at the same time protect the integrity of the ecosystem.

ONCE AGAIN, I WOULD LIKE TO THANK ALL THE SUPPORTERS OF BIG LIFE WHO HAVE MADE OUR WORK POSSIBLE AND I HOPE YOU SHARE WITH US THE SENSE THAT THE WORK WE ARE DOING IS SHOWING MEANINGFUL AND POSITIVE RESULTS.

- RICHARD BONHAM, CO-FOUNDER & DIRECTOR OF OPERATIONS

## ABOUT BIG LIFE

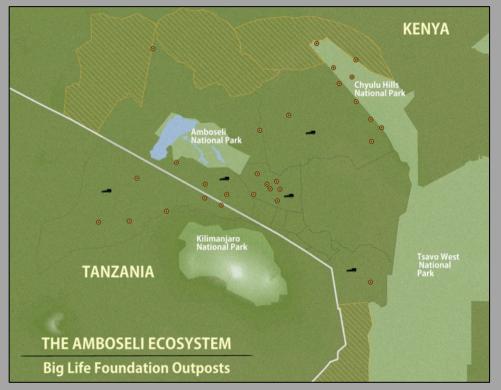
BIG LIFE FOUNDATION IS ON THE GROUND IN AFRICA, PARTNERING WITH COMMUNITIES TO PROTECT WILDLIFE FOR THE BENEFIT OF ALL.

WE ENVISION A WORLD IN WHICH CONSERVATION SUPPORTS THE PEOPLE AND PEOPLE SUPPORT CONSERVATION.



## WILDLIFE PROTECTION & ANTI-POACHING

IN KENYA, APPROXIMATELY 220 RANGERS ARE SPREAD ACROSS 22 PERMANENT OUTPOSTS, FOUR MOBILE UNITS, ONE RAPID RESPONSE UNIT (RRU) AND TWO PERMANENT OBSERVATION POSTS COVERING ROUGHLY 1,678,000 ACRES (425,000 HECTARES).



Big Life's Area of Operation in Kenya & Tanzania: outposts (circles), mobile units (cars) & RRU coverage areas (stripes)

### ACHIEVEMENTS:

IN 2014, BIG LIFE RANGERS PATROLLED JUST OVER 100,000 KMS BY VEHICLE AND 93,722 KMS ON FOOT. AS A RESULT, THEY DEALT WITH A NUMBER OF CRIMES RANGING FROM POACHING TO HABITAT DESTRUCTION TO COMMUNITY CRIMES. IN TOTAL, THERE WERE 539 PEOPLE ARRESTED FOR 185 INCIDENTS. 804 POACHING OR HABITAT DESTRUCTION TOOLS WERE IMPOUNDED: 166 SNARES, 18 POISONED ARROWS, 98 BULLETS AND TWO GUNS. IN ADDITION TO THE TOOLS, ONE RHINO HORN, FIVE PIECES OF IVORY, MORE THAN 550 WOODCARVING PIECES, AND 92 KGS OF BHANG (MARIJUANA) WERE ALSO CONFISCATED. SEE APPENDIX 1 FOR THE COMPLETE BREAKDOWN.

#### NEW DEVELOPMENTS:

THIS YEAR WE BUILT TWO NEW OUTPOSTS, LAUNCHED A NEW RAPID RESPONSE UNIT AND HANDED MANAGEMENT OF THE KIMANA SANCTUARY OUTPOSTS OVER TO OLIVE BRANCH MISSIONS. ADDITIONALLY, 40 BIG LIFE RANGERS RECEIVED BASIC AND ADVANCED TRAINING THROUGH SUPPORT FROM THIN GREEN LINE. BIG LIFE ALSO INITIATED A PARTNERSHIP WITH USAID TO IMPROVE RANGER DATA COLLECTION THROUGH SMART PHONE TECHNOLOGY.

#### ELEPHANT MORTALITY

IN 2014, 21 ELEPHANTS DIED WITHIN BIG LIFE'S AREA OF OPERATION (AOO), INCLUDING WITHIN AMBOSELI NATIONAL PARK: 2 TO POACHING (OR POSSIBLE POACHING), 8 TO HUMAN-ELEPHANT CONFLICT\*, 7 NATURAL DEATHS AND 4 UNKNOWN. IVORY WAS RECOVERED IN ALL BUT ONE INSTANCE, AND AS A RESULT KEPT 40 TUSKS OUT OF THE ILLEGAL IVORY TRADE.

\*HEC WILL BE DISCUSSED IN MORE DETAIL IN THE HUMAN-WILDLIFE CONFLICT SECTION.

#### NOTEABLE 2014 INCIDENTS:

- FEBRUARY, RE-ARREST OF PEKEI (ACCUSED OF KILLING THREE ELEPHANTS ON 28 OCT. 2012) BY RANGERS AFTER FAILING TO APPEAR IN COURT IN JANUARY.



Elephant poachers Pekei (left) & Kerumpoti (right)

- JULY 22, AN ELEPHANT CARCASS WAS DISCOVERED WITHIN AMBOSELI NATIONAL PARK, BOTH TUSKS HAD BEEN TAKEN FOLLOWING A NATURAL DEATH. BIG LIFE RANGERS RESPONDED AND SUCCESSFULLY APPREHENDED THE SUSPECTS IN POSSESSION OF THE IVORY.
- JULY 26, KERUMPOTI LEYIAN (ARRESTED IN 2013 FOR KILLING AN ELEPHANT) WAS RE-ARRESTED BY RANGERS AFTER SKIPPING BAIL. IN OCTOBER 2014 HE WAS SENTENCED TO SEVEN YEARS IN JAIL.
- JULY 27, TWO SUSPECTS INVOLVED IN AN ELEPHANT-POACHING INCIDENT IN MARCH WERE ARRESTED BY RANGERS FOLLOWING AN EXTENDED INVESTIGATION.
- AUGUST 25, INFORMERS REPORTED FOUR PEOPLE HAD SPEARED AN ELEPHANT ON NEIGHBORING KUKU GROUP RANCH (MANAGED BY MAASAI WILDERNESS CONSERVATION TRUST).
  BIG LIFE RANGERS AND OUR TRACKER DOG DIDI, MWCT RANGERS, AND A DAVID SHELDRICK WILDLIFE TRUST AIRPLANE PURSUED THE SUSPECTS WITHOUT SUCCESS. THE

INVESTIGATION CONTINUED AND ON SEPTEMBER 18, BIG LIFE RANGERS APPREHENDED ONE SUSPECT AND MWCT LATER ARRESTED A SECOND. THE REMAINING TWO SUSPECTS HAVE FLED THE AREA, BUT RANGERS WILL CONTINUE TO PURSUE THEIR WHEREABOUTS.



Elephant killed by poachers in August, two suspects arrested

### **BUSH-MEAT POACHING**

BUSH-MEAT POACHING HAD A SLOW START IN 2014 LARGELY DUE TO SEASONAL FLUCTUATIONS, HOWEVER POACHING INCREASED THROUGH THE DRY SEASON AND PEAKED IN THE  $3^{RD}$  QUARTER (JULY-SEPT). THERE WERE 24 BUSH-MEAT POACHING INCIDENTS AND 53 ARRESTS, OF WHICH 17 INCIDENTS AND 35 ARRESTS OCCURRED BETWEEN JULY AND SEPTEMBER. AN ADDITIONAL 20 PEOPLE, IN 12 INCIDENTS, WERE ARRESTED FOR POACHING INTENTION BEFORE THEY COULD KILL WILDLIFE.



Bush-meat poachers arrested in 2014, commercial poacher (right)

SPECIES TARGETED FOR BUSH-MEAT INCLUDE PLAINS UNGULATES SUCH AS GAZELLE, GIRAFFE, ELAND AND DIK-DIK. METHODS USED TO KILL INCLUDE ARROWS, SPEARS, DOGS, SNARES, AND KADOO (HOME-MADE HIGH POWER TORCH AND HORN TO BLIND AND CONFUSE ANIMAL) USED WITH PANGA (MACHETE).

#### **CROSS-BORDER**

THIS YEAR BIG LIFE RANGERS PARTICIPATED IN SIX CROSS-BORDER PATROLS, WORKING IN PARTNERSHIP WITH KWS, ENDUIMET WILDLIFE MANAGEMENT AREA (VIA BIG LIFE TANZANIA), TANAPA, SATAO ELERAI, TSAVO PRIDE AND MWCT. THE PRIMARY AIM OF CROSS-BORDER OPERATIONS IS TO INCREASE RANGER PRESENCE AND COVERAGE IN AREAS THAT HAVE HISTORICALLY RECEIVED LITTLE ATTENTION. THIS HELPS TO ACT AS A DETERRENT TO POACHING, WARNING POACHERS THAT NATIONAL BORDERS ARE NOT POROUS AND ARE BEING MONITORED.

#### ADDITIONAL 2014 INCIDENTS:

- MAY, TWO PEOPLE ARRESTED IN POSSESSION OF A DOZEN OSTRICH EGGS.

- DECEMBER, COMMERCIAL BUSH-MEAT POACHER ARRESTED TRANSPORTING MEAT ACROSS THE BORDER INTO KENYA TO SELL IN NAMANGA.



Big Life rangers on patrol, 2014

#### HABITAT DESTRUCTION

THROUGHOUT 2014 THERE WERE 131 INCIDENTS OF HABITAT DESTRUCTION (HD). ILLEGAL ACTIVITIES INCLUDED: CHARCOAL PRODUCTION, LOGGING, WOODCARVING, GRAZING IN PROTECTED AREA, AND WATER-PUMPING FROM RIVERS. THESE INCIDENTS LEAD TO 467 ARRESTS AND THE CONFISCATION OF AT LEAST 177 HD TOOLS SUCH AS CHAINSAWS, AXES, AND WATER PUMPS. SEE APPENDIX 1 FOR A DETAILED BREAKDOWN.

#### NOTABLE HD INCIDENTS:

- LORRY/TRUCK FILLED WITH 325 BAGS (APPROX. 40KGS EACH) OF CHARCOAL CONFISCATED
- 532 WOOD CARVINGS CONFISCATED IN SINGLE INCIDENT
- ARREST OF FIVE LORRIES AND ONE TRACTOR TRANSPORTING FIREWOOD, SAND AND STONES.



Illegal commercial charcoal production (left) & firewood collection (right)

### NEW DEVELOPMENTS PROTECTING HABITAT:

IN THE LAST HALF OF 2014, BIG LIFE WAS INCLUDED IN A REDD+ CARBON PROJECT THAT WILL HELP FURTHER PROTECT A VALUABLE CARBON STORAGE AREA IN THE CHYULU HILLS FORESTS (PICTURED BELOW), AND ULTIMATELY PROVIDE ADDITIONAL INCOME TO THE COMMUNITIES WHO CALL THIS AREA HOME.



### COMMUNITY SERVICE

RANGERS ALSO ASSIST COMMUNITY MEMBERS BY HELPING RETURN LOST LIVESTOCK, SEARCHING FOR LOST CHILDREN, INTERVENING IN WILDLIFE CROP-RAIDS, AND EVEN PROVIDING HOSPITAL TRANSPORT FOR INJURED OR SICK INDIVIDUALS. NOTABLY IN 2014, WE HELPED FIND TWO LOST WOMEN AND SEVEN CHILDREN WITH SUPPORT FROM THE COMMUNITY.

IN ADDITION TO SUCH SERVICES, RANGERS ALSO INTERVENE IN COMMUNITY CRIMES BY ARRESTING PERPETRATORS. SUCH CRIMES INCLUDE: PRODUCTION AND/OR POSSESSION OF ILLEGAL DRUGS OR ALCOHOL, THEFT, AND ABUSE. RANGERS ARRESTED 36 PEOPLE IN 10 INCIDENTS IN 2014.

#### NOTABLE INCIDENTS:

- APRIL, RANGERS ARRESTED TWO SUSPECTS AND RECOVERED A STOLEN MOTORBIKE.
- NOVEMBER, RANGERS ASSISTED POLICE IN THE PURSUIT AND APPREHENSION OF A MURDER SUSPECT.

## RHINO PROGRAM



Tara & calf monitored through camera traps

IN CONJUNCTION WITH KWS, BIG LIFE PROVIDES SECURITY AND MONITORING IN THE NORTHERN SECTION OF THE CHYULU HILLS. THE CORE AREA IS WITHIN THE CHYULU HILLS NATIONAL PARK, BUT THE RHINO RANGE (UNDEFINED AND UNFENCED) INCLUDES PARTS OF MBIRIKANI GROUP RANCH TO THE WEST AND KENYA AGRICULTURAL RESEARCH INSTITUTE (KARI) LAND TO THE EAST.

KWS HAVE A TOTAL OF 24 RANGERS DEDICATED TO THE RHINO AREA; BIG LIFE'S RHINO DEFENSE COMPRISES OF A TOTAL OF 51 RANGERS—42 OF WHOM ARE BASED WITHIN THE RHINO AREA, AND NINE OF WHICH ARE BASED ON COMMUNITY LAND IMMEDIATELY ADJACENT TO THE AREA.

A TOTAL OF EIGHT SEPARATE UNITS FORM THE BASES FOR THESE RANGERS, FOUR OF WHICH ARE JOINT BIG LIFE/KWS UNITS, THE

OTHER FOUR SOLELY KWS. THE SITUATION IS FLUID, HOWEVER; PREEMPTIVE AND REACTIVE MOVEMENT OF MEN BETWEEN CAMPS IS CONTINUOUS. OF THE EIGHT SEPARATE UNITS, TWO ARE OP'S (OBSERVATION POSTS), ONE IS A MOBILE "BLOCK" UNIT AND THE REMAINING FIVE ARE PERMANENT BASE CAMPS FROM WHICH TO BASE DAILY AND EXTENDED PATROLS.

WE ARE EXTREMELY GRATEFUL TO SAVE THE RHINO INTERNATIONAL, US FISH & WILDLIFE SERVICE, SAMIA TRUST, AND CHESTER ZOO, WHO ALL SUPPORTED THE BIG LIFE RHINO PROGRAM IN 2014.

#### NOTABLE RHINO INCIDENTS:

- MARCH, A RHINO CARCASS FOUND WITH SNARE AROUND ITS NECK, HORNS STILL INTACT. RHINO SUSPECTED TO HAVE BEEN SNARED IN TINDIMA AREA (OUTSIDE OF THE RHINO AOO)
- JUNE, NASHA SHOT AND KILLED BY POACHERS BUT ESCAPED WITH HER HORNS. NASHA'S CALF, BAHATI (APPROX. ONE YEAR OLD), WAS ALSO SHOT BUT SURVIVED AND REMARKABLY HAS FULLY RECOVERED.



Nasha (left) killed by poachers, her calf bahati (right) survived being shot.

- SEPTEMBER, THREE ARMED (AUTOMATIC WEAPONS) SOMALI RHINO POACHERS WERE AMBUSHED BY KWS AND BIG LIFE RANGERS BEFORE THEY WERE ABLE TO LOCATE OR KILL A RHINO.

#### RHINO IDENTIFICATION:

THREE NEW ADULTS IDENTIFIED IN 2014 BRINGING THE TOTAL NUMBER OF RHINOS IDENTIFIED UP TO EIGHT—OUR CURRENT KNOWN POPULATION.

### NEW DEVELOPMENTS:

2014 SAW THE CONSTRUCTION OF A PIPELINE TO SUPPLY A NEW WATERHOLE. COMPLETED IN APRIL, THIS WATERHOLE PROVIDES A SAFE WATER POINT AWAY FROM COMMUNITY. A NEW OUTPOST AND OP TO PROTECT THE WATERHOLE WERE COMPLETED IN MAY. ANOTHER OUTPOST WAS CONSTRUCTED IN TINDIMA AREA TO INCREASE PROTECTION ON THE SOUTHEASTERN EXTREMITY OF THE RHINO AREA. THREE ROADS WERE CONSTRUCTED IN AREAS THAT PREVIOUSLY HAD NO ACCESS AND AN ADDITIONAL TWO ROADS RECEIVED OVERDUE MAINTENANCE. THIS WAS DONE TO INCREASE ACCESS AND DECREASE REACTION TIME FOR SECURITY.

BIG LIFE TOOK OVER A KWS CAMP IN THE NORTHWEST OF THE NATIONAL PARK TO HELP FACILITATE AN INCREASE IN ARMED KWS PERSONNEL IN KITIE AREA, A HIGH CONFLICT AREA, EAST OF THE PARK. KWS BROUGHT IN MORE PERSONNEL, STRENGTHENING THE OVERALL RHINO TEAM. IN THE LAST QUARTER ALONE, SIX RHINO-SPECIFIC SNARES WERE FOUND AND DESTROYED.

MANY OF THESE ACTIVITIES ARE REQUIRED TO BRING THE CHYULU RHINO AREA UP TO IPZ (INTENSIVE PROTECTION ZONE) STATUS. ACHIEVING IPZ STATUS WOULD ALLOW FOR THE TRANSLOCATION OF RHINO INTO THIS IMPORTANT POPULATION AND SECURE AREA. WE ARE CURRENTLY SEEKING FUNDING FOR THE FINAL REQUIREMENT FOR IPZ STATUS: AN ELECTRIC FENCE SEPARATING COMMUNITIES FROM WILDLIFE ALONG THE PARK BOUNDARY.



Snares removed by rangers from the rhino area, 8 removed in 2014.



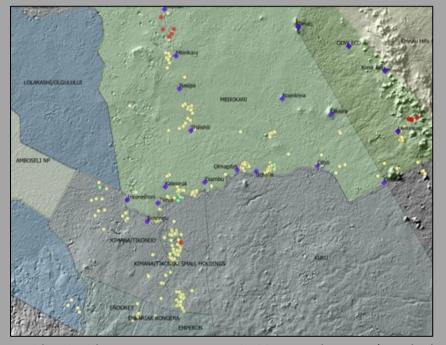
Poisons, snares & miscellaneous tools to poach rhino, elephants & other wildlife confiscated by rangers

## KENYA : HUMAN-WILDLIFE CONFLICT

## HUMAN-WILDLIFE CONFLICT

HUMAN-WILDLIFE CONFLICT (HWC) TAKES TWO PRIMARY FORMS ACROSS THE BIG LIFE AREA OF OPERATION (AOO). ONE TYPE OF HWC IS THE RAIDING OF CROPS BY WILDLIFE, PARTICULARLY ELEPHANTS. ANOTHER FORM OF HWC OCCURS WHEN PREDATORS KILL LOCAL PASTORALISTS' LIVESTOCK (DISCUSSED UNDER PREDATOR COMPENSATION).

BOTH THESE FORMS OF HWC CAN, AND DO, INCITE DEADLY RETALIATORY ATTACKS BY THE AFFECTED COMMUNITY. JUST AS SUCH CONFLICT CAN RESULT IN THE INJURY OR DEATH OF WILDLIFE, IN SOME CASES HUMANS ARE ALSO INJURED OR KILLED.



Crop-raiding incident across ecosystem in 2014: settlements (purple dots), elephant-raids (yellow), eland & gazelle-raids (red), zebra (green)

### CROP-RAIDING

CROP-RAIDING INCIDENTS ARE RELATIVELY LOW DURING THE WET SEASONS (MARCH-JUNE AND NOV-DEC) AS FOOD AVAILABILITY FOR WILDLIFE IS HIGHER. HOWEVER, IF THE RAINS FAIL OR ARE NOT ADEQUATE, CONFLICT REMAINS HIGH. AREAS ACROSS OUR AOO HAVE HAD LESS RAINFALL THAN IN PAST YEARS, RESULTING IN A HIGHER NUMBER OF INCIDENTS.

DURING 2014, OVER 605 CROP-RAIDING INCIDENTS WERE REPORTED TO BIG LIFE RANGERS, OF WHICH 561 WERE BY ELEPHANTS. ROUGHLY 372 ACRES OF CROPS WERE DAMAGED. THAT SAID, THIS IS A GROSS UNDERESTIMATION, AS MANY INCIDENTS GO UNREPORTED AND IN SOME OF THOSE THAT ARE REPORTED, THE AREA OF DAMAGE WAS NOT RECORDED. SEE APPENDIX 2 FOR DETAILS.

OTHER CROP RAIDING SPECIES INCLUDE ELAND, GAZELLES, ZEBRA, AND BUFFALO. THE PRIMARY CROPS DAMAGED ARE BEANS, MAIZE, TOMATOES, AND WATERMELON.



Crop damage and property damage caused by elephants, 2014

## KENYA : HUMAN-WILDLIFE CONFLICT

#### NOTABLE HWC INCIDENTS:

- EIGHT ELEPHANTS DIED AS A RESULT OF CONFLICT WITH HUMANS: FOUR SPEARED, ONE POISONED, TWO SHOT BY KWS (FOR KILLING A PERSON), AND ONE DURING TRANSLOCATION (FROM REPEATEDLY CROP-RAIDING).
- 28 STARLINGS POISONED AFTER RAIDING CROPS
- ONE ELAND POISONED AFTER CROP RAIDING
- ONE HIPPO SPEARED AFTER CROP DAMAGE AND CHASING COMMUNITY MEMBERS

### NEW DEVELOPMENTS:

IN PARTNERSHIP WITH USAID, BIG LIFE WILL BE SIGNIFICANTLY INCREASING OUR HWC MITIGATION CAPACITY WITH AIM TO REDUCE ELEPHANT CROP-RAIDING THROUGH THE TRIAL OF VARIOUS NEW DETERRENT TOOLS.

### HUMAN INJURY & DEATH

As a result of conflict with wildlife in 2014, two people were killed by elephants, and another man was killed after his lorry hit and killed a giraffe. In 2014, 11 people were injured by wildlife: three from snake bites, and otherwise two buffalo, two elephant, one hyena, and one leopard related incident.

## WILDLIFE TREATMENT & RESCUE

#### TREATMENT

IN 2014 RANGERS IDENTIFIED EIGHT ELEPHANTS WITH INJURES OR SICKNESS AND FACILITATED TREATMENT BY KWS & DSWT VETS. AN ADDITIONAL EIGHT ELEPHANTS WERE INJURED OR SICK, BUT TREATMENT WAS EITHER NOT POSSIBLE (BECAUSE THE ELEPHANTS WERE NOT FOUND AGAIN) OR THE INJURY DIDN'T REQUIRE TREATMENT.



Two elephants treated in 2014, for cancer (left) & a spear wound (right)

#### RESCUE

SIX ORPHANED ANIMALS (ONE GAZELLE, ONE HARTEBEEST, ONE ZEBRA, TWO ELAND AND ONE LESSER KUDU) WERE RESCUED BY OUR RANGERS OR BY COMMUNITY MEMBERS WHO BROUGHT THE ANIMALS TO OUR RANGERS. THE YOUNG ANIMALS WERE EITHER REUNITED WITH THEIR HERDS OR HANDED OVER TO KWS.

IN JANUARY, BIG LIFE RANGERS ALERTED THE SHELDRICK'S OF AN ELEPHANT CALF WITH ITS DYING MOTHER NEAR AMBOSELI NP. THE MOTHER WAS EUTHANIZED DUE TO AN UNIDENTIFIED SICKNESS, AND THE CALF, NOW NAMED ZIWA, IS HEALTHY AND LIVING AT THE DAVID SHELDRICK ORPHANAGE IN NAIROBI.

## KENYA : HUMAN-WILDLIFE CONFLICT

## PREDATOR PROTECTION PROGRAM

ACROSS TWO GROUP RANCHES (OLGULULUI & MBIRIKANI, 725,000 ACRES TOTAL) WHERE BIG LIFE'S PREDATOR COMPENSATION FUND (PCF) OPERATES, LIVESTOCK OWNERS LOST 3,049 ANIMALS TO PREDATORS IN 2014, 2,590 OF WHICH WERE SHEEP OR GOATS. THE MAJORITY OF THESE ANIMALS (1,503) WERE "LOST IN THE BUSH" WITHOUT SUPERVISION BY HERDERS. THE MAJORITY OF LIVESTOCK (1,591) WERE KILLED BY HYENA. LIVESTOCK LOST IN 2014 HAD A PCF VALUE OF 8,175,450 KENYA SHILLINGS (\$93,000). PCF COVERS 60% OF THE MARKET VALUE OF THE LOST ANIMAL UNDER CERTAIN CONDITIONS.



PCF Verification Officers recording livestock killed by predators, 2014

BIG LIFE RANGERS, OFTEN WORKING IN COLLABORATION WITH LION GUARDIANS AND KWS, INTERVENED IN 16 POTENTIAL LION HUNTS THIS YEAR, FIVE OF WHICH WARRIORS WERE ALREADY SEARCHING FOR LIONS ON PCF GROUP RANCHES. AT LEAST FIVE OTHER HUNTS WERE STOPPED IN SURROUNDING AREAS, FOUR OF WHICH WERE FOR LION AND ONE FOR CHEETAH. UNFORTUNATELY IN 2014, TWO LIONS WERE KILLED IN RETALIATION ON PCF GROUP RANCHES.



Remains of a lion poisoned & burned to remove evidence, 2014

### NOTABLE INCIDENTS:

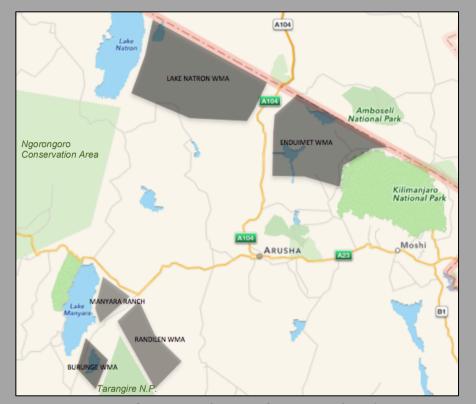
- FEBRUARY, ONE LION WAS KILLED ON OLGULULUI GROUP RANCH AFTER A PRIDE OF 10 LIONS KILLED A DONKEY. THE DONKEY CARCASS WAS LACED WITH POISON AND ONE LION, WHICH RETURNED TO FEED ON IT THE FOLLOWING DAY, DIED.
  RANGERS WERE INFORMED OF THE INCIDENT AND ARRIVED TO FIND SOMEONE BURNING THE CARCASS. THE COMMUNITY OF THE CULPRIT AGREED TO FORFEIT THEIR PCF PAYMENTS TO HELP PAY FOR THE 140,000 KSH PENALTY (OR 7 COWS).
- APRIL, MBIRIKANI GROUP RANCH WARRIORS SPEARED ONE LION AFTER IT KILLED A COW. THE FOUR PERPETRATORS WERE ARRESTED, BUT AGREED TO PAY THE FINE AND RELEASED.

Although two lions were killed in 2014, these were the first since 2010\* in violation of PCF, and the  $17^{TH} \& 18^{TH}$  in PCF'S 11 YEAR history—a significant improvement to the 22 lions killed in 18 months on MGR prior to PCF implementation.

\* 9 LIONS WERE KILLED IN 2010 ALONE AS A RESULT OF EXTREME STRESS AND HIGH CONFLICT DUE TO PROLONGED (2 YR) DROUGHT.

## TANZANIA : SECURITY

## WILDLIFE PROTECTION & ANTI-POACHING



Big Life Tanzania's area of operation (grey)

BIG LIFE TANZANIA, OPERATING THROUGH ITS PARTNER HONEYGUIDE FOUNDATION, WORKS ACROSS CRITICAL ECOSYSTEMS OF NORTHERN TANZANIA, FOCUSING ON FIVE COMMUNITY CONSERVATION AREAS OR WILDLIFE MANAGEMENT AREAS (WMAS): ENDUIMET, LAKE NATRON, MANYARA RANCH, RANDILEN, AND BURUNGE.

ACROSS THE WMAS, BIG LIFE, HONEYGUIDE AND PARTNERS EMPLOY AND/OR MANAGE 139 LOCAL COMMUNITY RANGERS TO MONITOR AND PROTECT WILDLIFE. THESE RANGERS OPERATE OUT

#### ACHIEVEMENTS:

COMMUNITY RANGERS, IN 2014, ARRESTED 100 PEOPLE FOR POACHING (TROPHY AND BUSH-MEAT), HABITAT DESTRUCTION, AND COMMUNITY CRIMES RESULTING IN THE CONFISCATION OF 80 POACHING RELATED ITEMS. SEE APPENDIX 2 FOR DETAILS.

OF THE **45** BUSH-MEAT ARRESTS, OSTRICH EGGS AND ZEBRA MEAT WERE THE MOST COMMON, WITH **16** AND **13** INCIDENTS RESPECTIVELY. OTHER PRIMARY TARGETS INCLUDE GAZELLE, GIRAFFE, BUSHBUCK, ELAND, AND WILDEBEEST.



Poachers arrested for bush-meat in Burunge WMA

#### NEW DEVELOPMENTS:

HONEYGUIDE FACILITATED NINE MEETINGS AND TRAINING SESSIONS FOR LEADERS AND RANGERS IN THE RANDILEN WMA FOLLOWING CONFLICTS THAT RESULTED IN THE TEMPORARY CLOSURE OF THE WMA. RANGER TRAINING INCLUDED PHYSICAL FITNESS, FIRST-AID, GENERAL MAPPING, AND DATA COLLECTION. TRAINING WAS ALSO UNDERTAKEN IN BURUNGE WMA FOR 30 RANGERS.

## TANZANIA : SECURITY

## HUMAN-WILDLIFE CONFLICT



August - Elephant killed near Enduimet WMA after it killed a person.

### CROP-RAIDING

A SURVEY OF THE IMPACT OF CROP-RAIDING BY WILDLIFE WAS CONDUCTED IN BURUNGE WMA. OF OVER 300 SURVEY RESPONDENTS IN BURUNGE, 97% SAID THEY HAD EXPERIENCE CROP DAMAGE BY WILDLIFE. FOUR SPECIES WERE CITED AS CAUSING THE MOST CROP DAMAGE IN THE MARCH TO JULY FARMING SEASON: ELEPHANT (66%), ZEBRA (18%), ELAND (13%) AND BUFFALO (3%).



Farmer showing damage to his banana trees from elephants

### PREDATOR CONFLICT

ACROSS THE FIVE WMAS, 200 DOMESTIC ANIMALS WERE REPORTED ATTACKED BY PREDATORS IN 2014.

Predator	Dog	Cattle	Sheep	Donkey	Goat	Total
Lion	1	29	26	1	3	56
Hyena	0	5	132	1	18	156
Leopard	0	0	6	0	2	8
Total	1	30	164	2	13	210

### **PROSECUTIONS**

IN 2014, 13 COURT CASES WERE ONGOING OR CONCLUDED. THE THREE CASES THAT WERE CONCLUDED, ALL BUSH-MEAT ARRESTS, WERE EACH DISMISSED WITHOUT SENTENCING. THE REMAINING 10 CASES, NINE FOR BUSH-MEAT AND ONE FOR IVORY POSSESSION, ARE STILL ONGOING.

## **KENYA : PROSECUTIONS**

## **KENYA PROSECUTIONS**

FOLLOWING ARRESTS, SUSPECTS ARE TAKEN TO THE POLICE AND BOOKED. THE PROCESS OF CHARGING A SUSPECT CAN EITHER BE RELATIVELY IMMEDIATE OR DRAG ON FOR MONTHS TO YEARS DEPENDING ON THE CRIME TYPE. IN 2014, THERE WERE 65 SUSPECTS WHO WERE EITHER FINED AND/OR JAILED FOLLOWING THEIR ARREST (BELOW), AND 6 CASES THAT ARE ONGOING (RIGHT).

Arrest	Suspects	Crime Outcome	
July 2014	1	Trophy poaching	7 years prison
Oct 2014	5	GM: 4 dik diks	2 months prison/ Ksh 200,000 fine each
July 2014	1	Poaching intention	6 months C.S.O
July 2014	1	Poaching intention	12 months C.S.O
July 2014	3	GM: 6 gazelles	6 months C.S.O
June 2014	1	Poaching intention	50 days C.S.O
Nov 2014*	1	Poaching intention	2 years prison/ Ksh 200,000 fine
May 2014	1	Poaching intention	2 months prison/ Ksh 6,000 fine
June 2014	1	Wood carving	50 days C.S.O
Aug 2014	1	Laying snares	6 months C.S.O
July 2014	2	GM: Hippo/Warthog	6 months C.S.O & 12 months probation
Sep 2014	1	GM: 1 Dik dik	30 days C.S.O
Sept 2014	1	GM: 1 Eland	Ksh 7,000 bond. Failed to appear, W.O.A issued
April 2014	2	Wood carving	12 months C.S.O
May 2014	5	Firewood	Fined total Ksh 20,000 & released by chief
June 2014	1	Charcoal	Fined Ksh 3,000 & released by chief
June 2014	4	Charcoal	Fined Ksh 2,000 each & released by chief
July 2014	8	Charcoal	Fined Ksh 500 each & released by chief
Aug 2014	2	Charcoal	Fined Ksh 1,000 each & released by chief
Aug2014	4	Charcoal	Fined Ksh 1,200 each & released by chief
Aug 2014	2	Charcoal	Fined Ksh 1,500 each & released
Sep 2014	3	Charcoal	Fined Ksh 10,000 each and released
Sept 2014	2	Charcoal	Fined Ksh 7,000 each and released
Sept 2014	2	Logging	Fined Ksh 15,000 and released
Sept 2014	6	Firewood	Fined Ksh 5,000 each and released
Sept 2014	3	Logging	Fined Ksh 5,000 each and released
Sept 2014	1	Logging	Fined Ksh 5,000 and released



Commercial bush-meat poachers arrested, 2014

Arrest	Suspects	Crime (poaching)	Bond (Ksh)
Oct 2012	1	3 elephants	20,000
Sept 2014	3	1 eland	300,000**
Dec 2014	1	3 gazelles, 4 dik-diks	500,000**
July 2014	2	1 elephant	100,000
Nov 2014	3	1 gazelle	Free bond
July 2014	1	Poaching intention	Free

#### NOTES:

\* THE SUSPECT FIRST ARRESTED IN JUNE, SENTENCED TO 50 DAYS C.S.O. HE WAS ARRESTED IN NOVEMBER FOR THE SAME CRIME AND SUBSEQUENTLY SENTENCED TO 2 YEARS JAIL TERM.

\*\* FAILED TO RAISE THE BOND AND REMANDED

C.S.O: COMMUNITY SERVICE ORDER

GM: GAME MEAT

W.O.A: WARRANT OF ARREST

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## **KENYA : EDUCATION**

## MENYE LAIYOK / MAASAI OLYMPICS



Participants of the 2014 Maasai Olympics

THE SECOND MAASAI OLYMPICS WAS HELD IN 2014 THANKS TO A NUMBER OF SUPPORTING ORGANIZATIONS, INCLUDING OUR LEAD SPONSOR: NATIONAL GEOGRAPHIC'S BIG CAT INITIATIVE.

DURING THE LEAD UP TO THE OLYMPICS FINAL, HELD DECEMBER 12, A SERIES OF SMALLER SPORTS COMPETITIONS (FOUR TEAM SELECTIONS AND SIX REGIONAL EVENTS) AND MEETINGS WERE HELD THROUGHOUT THE YEAR. THESE EVENTS NOT ONLY PREPARE WARRIORS/COMPETITORS FOR THE OLYMPICS FINALS, BUT ALSO PROVIDE AN OPPORTUNITY TO DISCUSS WILDLIFE CONSERVATION, SPECIFICALLY LIONS, AND THE RULES OF THE NEW WILDLIFE ACT.

The Maasai Olympics Final was hugely successful with roughly 1,500 people from local communities, partner NGOs, media and international guests attending. Prizes were distributed to  $1^{st}$ ,  $2^{ND}$  and  $3^{RD}$  place winners of each

OF THE SIX CATEGORY EVENTS, AS WELL AS SPECIAL PRIZES THAT INCLUDED: A 'SAFARI' (SPONSORED BY MWCT) TO PARTICIPATE IN THE 2015 NY MARATHON FOR THE 1<sup>ST</sup> PLACE WINNERS OF THE 800 M AND 5000 M RACES; A CONSERVATION AWARD (SPONSORED BY CHESTER ZOO) FOR THE MOST CONSERVATION INCLINED MANYATTA (OR, TEAM) WHICH WENT TOWARDS EDUCATION SCHOLARSHIPS; AND A PRIZE BREEDING BULL FOR THE OVERALL MANYATTA WINNER.

MAASAI OLYMPICS ATHLETES COMPETE FOR MEDALS, NOT LIONS, AND RECEIVED HUGE INTERNATIONAL ATTENTION. IT IS BIG LIFE'S HOPE TO HARNESS THIS SUCCESS AND BUILD AN INTERIM PROGRAM THAT WILL HELP PROMOTE CONSERVATION EDUCATION AND PROVIDE AN ALTERNATIVE TO LION HUNTING. MAASAI TRIBES HISTORICALLY IDENTIFY LEADERS AND DEMONSTRATE BRAVERY THROUGH LION HUNTS, BUT THERE ARE SIMPLY NOT ENOUGH LIONS LEFT FOR THE TRADITION TO CONTINUE.

FOR BACKGROUND ON THE MAASAI OLYMPICS, INCLUDING A LIST OF SPONSORS, PHOTOS, AND MORE PLEASE VISIT OUR WEBSITE AT WWW.MAASAIOLYMPICS.COM



## **KENYA : EDUCATION**

## WILDLIFE SCHOLARSHIP PROGRAM

THROUGH SUPPORT FROM DONORS, BIG LIFE PROVIDED FINANCIAL ASSISTANCE FOR 128 CHILDREN AT VARYING LEVELS OF EDUCATION, AND PAID THE SALARIES FOR 26 TEACHERS. IN ADDITION, 136 UNIFORMS WERE DONATED TO LEMASUSU SCHOOL, COURTESY OF CLYDE JACKSON THROUGH SKY RANCH.

FOUR STUDENT MEETINGS WERE ALSO HELD THROUGH OUT THE YEAR, ALWAYS WITH A CONSERVATION FOCUS, GIVING THE STUDENTS AN OPPORTUNITY TO RECITE POEMS AND ACT IN PLAYS ABOUT WILDLIFE CONSERVATION.

MID-YEAR A SCHOOL GROUP FROM HIGHLAND SCHOOL IN VIRGINIA AGAIN VISITED THEIR 'SISTER' SCHOOL, ENKIJAPE, ON MBIRIKANI GROUP RANCH. THEY BROUGHT SCHOOL SUPPLIES, AND SPONSORED THREE TEACHERS AND SPONSORED THE BOY AND GIRL FROM THE SCHOOL WITH THE HIGHEST GRADES TO SUPPORT THEIR EDUCATION.



Lily (left) sponsored Sein's (middle) education and met during the Highland School 2014 visit. Their story was featured on Good Morning America.



RICHARD KASINO, FROM INKOISUK, MGR, RECEIVED A FULL SCHOLARSHIP TO HIGH SCHOOL AFTER BEING NAMED THE TOP STUDENT IN 2013. JEREMIAH SOLONKA NYENGE (*PICTURED ABOVE WITH BIG LIFE'S RICHARD BONHAM*) GRADUATED WITH A DEGREE IN EDUCATION THANKS TO SUPPORT FROM HIGHLAND SCHOOL SPONSORING HIM THROUGH SECONDARY SCHOOL AND STEVE MACKIE SPONSORING HIS UNIVERSITY EDUCATION.

Two other Big Life sponsored students, Elisha Backson and Emmanuel Nkonia, also graduated in 2014 with degrees in clinical medicine and education, respectively.

AFTER AN ELEPHANT TRAGICALLY KILLED MUSA LENKOTI, THE CAPRICORN FOUNDATION, THROUGH BIG LIFE, KINDLY SPONSORED THE EDUCATION OF HIS SEVEN SURVIVING CHILDREN.

# NEWS, FINANCIALS & SUPPORT

## **BIG LIFE NEWS**

### BIG LIFE'S RICHARD BONHAM RECEIVES PRINCE WILLIAM AWARD FOR CONSERVATION

WE ARE VERY PROUD TO ANNOUNCE THAT ON NOVEMBER 26 IN LONDON, BIG LIFE'S CO-FOUNDER AND DIRECTOR OF OPERATIONS IN AFRICA, RICHARD BONHAM, WAS AWARDED THE PRINCE WILLIAM AWARD FOR CONSERVATION IN AFRICA AT THE TUSK CONSERVATION AWARDS.

THIS LIFETIME ACHIEVEMENT AWARD RECOGNIZES OUTSTANDING DEDICATION AND EXCEPTIONAL CONTRIBUTIONS TO CONSERVATION IN AFRICA.

TO VIEW THE 5-MINUTE FILM ABOUT RICHARD SHOWN ON THE NIGHT OF THE AWARDS, OR TO READ RICHARD'S ACCEPTANCE SPEECH, PLEASE VISIT: WWW.BIGLIFE.ORG/BIG-LIFE-NEWS



### **BIG LIFE LAUNCHES RANGER CLUB**

SUPPORTERS OF THE BIG LIFE RANGER CLUB WILL HELP TO SUPPORT OUR RANGER PROGRAM, COVERING RANGER SALARIES, RATIONS, UNIFORMS, AND FIELD-EQUIPMENT. IN RETURN, WE WILL PROVIDE YOU WITH STORIES FROM THE FIELD, SHOWING WHAT THESE DEDICATED RANGERS ARE ACHIEVING, THE CHALLENGES THEY FACE, AND AN INSIGHT INTO THEIR LIVES ALONG THE WAY.

ALL OF THE BIG LIFE RANGERS COME FROM LOCAL COMMUNITIES. NOT ONLY WILL YOU BE DIRECTLY SUPPORTING THIS CRITICAL PART OF BIG LIFE OPERATIONS, BUT YOU WILL ALSO BE HELPING TO SUPPORT THE LOCAL COMMUNITIES WHERE THESE RANGERS LIVE.

FOR MORE INFORMATION AND TO SIGN UP PLEASE VISIT: WWW.BIGLIFE.ORG/BIG-LIFE-RANGER-CLUB



## NEWS, FINANCIALS & SUPPORT

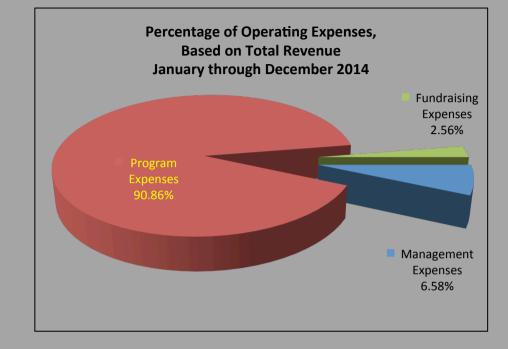
## BIG LIFE 2014 INCOME & EXPENDITURE

2014 Income (USD \$)				
Private Support	427,772			
Direct Public Grants	362,646			
Direct Public Support	487,773			
Donated Art	152,802			
Other Types of Income*	153,410			
Fundraising Income	309,821			
Total Income	\$1,894,223			
Cost of Goods Sales	\$152,802			
Gross Profit	\$1,741,422			

2014 Expenses (USD \$)				
Management:				
Business Expenses	12,601			
Contract Services	87,573			
Operations	11,581			
Sub-Total	\$111,754			
Programs:				
Program Expenses	1,543,475			
Sub-Total	\$1,543,475			
Fundraising:				
Fundraising Expenses	43,502			
Sub-Total	\$43,502			
Total Expenses	\$1,698,732			

Net Income	\$42,690
Expense Ratio 2014:	9.1%

\*Other Types of Income includes Print Sales and Investments Income



**2014 Expense Summary:** 90.86% of Big Life's spending is directed to programs in East Africa, 64% of which is for Wildlife Security.

## Percentage of Operating Expenses, Based on Total Revenue

### **January through September 2014**

Management Expenses	\$111,754	6.58%
Program Expenses	\$1,543,475	90.86%
Fundraising Expenses	\$43,502	2.56%
Total	\$1,698,732	

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## NEWS, FINANCIALS & SUPPORT

## PARTNERS & DONORS

THANK YOU TO ALL OF BIG LIFE'S DONORS & PARTNERS THAT MAKE OUR ANTI-POACHING AND COMMUNITY PROGRAMS POSSIBLE, INCLUDING:



## SUPPORT BIG LIFE FOUNDATION

IF YOU WOULD LIKE TO BECOME A BIG LIFE SUPPORTER ONLINE, DONATIONS CAN BE MADE DIRECTLY THROUGH THE WEBSITE AT WWW.BIGLIFE.ORG/DONATIONS.

FOR TAX-DEDUCTIBLE DONATIONS FROM THE USA OR UK PLEASE SEE BELOW, FOR CONTRIBUTIONS FROM THE REST OF THE WORLD PLEASE DONATE ONLINE.

### DONATING FROM THE USA

BIG LIFE FOUNDATION USA IS A TAX-EXEMPT 501(C)(3) ORGANIZATION. TAX ID NUMBER: 27-3455389

To donate by check, please mail your contribution to: BIG LIFE FOUNDATION USA 24010 NE TREEHILL DRIVE Wood VILLAGE, OR 97060 UNITED STATES

### DONATING FROM THE UK

WE ARE NOW A REGISTERED CHARITY IN THE UK. DONATIONS TO BIG LIFE UK ARE ELIGIBLE FOR GIFT AID AND WILL MAXIMIZE THE IMPACT OF YOUR GIFT. OUR UK CHARITY NUMBER IS: 1158772.

TO MAKE A DIRECT DEPOSIT OR WIRE TRANSFER, PLEASE EMAIL UKDONATIONS@BIGLIFE.ORG TO LEARN OUR ACCOUNT DETAILS.

TO SEND CASH OR CHECKS, PLEASE ADDRESS THEM TO: BIG LIFE UK C/O CHAPEL & YORK LTD UNIT 12 LADYCROSS BUSINESS PARK HOLLOW LANE, DORMANSLAND SURREY RH7 6PB UNITED KINGDOM

## **APPENDIX 1**

### **BIG LIFE KENYA INCIDENTS & ARRESTS IN 2014**

Crime Category	Crime type	Incidents	Arrests
Deaching	Trophy	5	6
Poaching	Game Meat	24	53
Poaching Intention	Possession of hunting gear	12	20
	Charcoal	59	197
	Firewood	23	110
Habitat Destruction	Wood carvings	4	9
Habitat Destruction	Stones collection	3	23
	Logging	31	86
	Sand harvesting	2	18
	Illegal Grazing	2	4
Encroachment	Illegal water pumping	5	14
	Cultivation in PA	2	6
	Narcotics	6	21
Community Crimes	Illicit brews	2	12
	Theft	2	3
Descession of	Rhino horn	1	1
Possession of	lvory	1	3
Trophies	Ostrich eggs	1	2
TOTAL		185	539

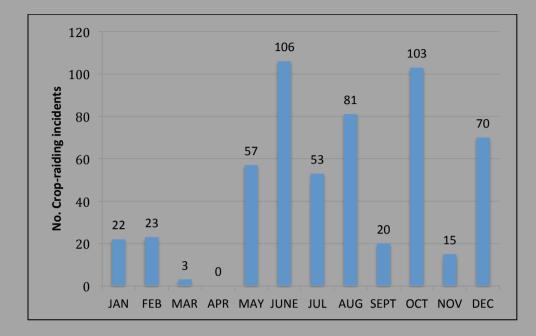
\*Total does not double count those arrested for more than 1 crime type

### BIG LIFE KENYA CONFISCATED ITEMS IN 2014

Item Impounded	Total No.
Snare	166
Jembe (hoe)	29
Hand saw	4
Axe	57
Machete	144
Adze	5
Knife	28
Car over 5t	15
Car below 5t	5
Motorbike	41
Bicycle	27
Poisoned arrow	18
Non poisoned arrow	54
Bow	5
Firearm	2
Bullet	98
Spear	12
Quiver	1
Horn (Kadoo)	11
Wood carving	>555 pieces
Bhang	92Kg
lvory	5 pieces
Rhino horn	1 piece
Rake	9
Spade	37
Chainsaw	24
Water pump	12
TOTAL	804

## **APPENDIX 2**

2014 KENYA CROP-RAIDING INCIDENTS BY MONTH



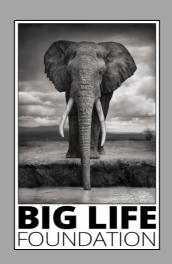
KENYA CROP-RAIDING DAMAGE IN 2014 BY SPECIES

Species	Bananas	Beans	Maize	Tomatoes	Melons	Other	Acres
Buffalo	-	1	1.3	-	-	-	2.3
Eland	2	10.6	5.25	3.4	1.25	-	22.5
Elephant	4.25	72.5	153	55	12	44.9	341.65
Gazelle	-	1.25	-	0.25	-	-	1.5
Giraffe	-	-	-	-	-	0.1	0.1
Baboon	-	-	0.4	-	-	-	0.4
Warthogs	-	-	2.6	-	-	-	2.6
Zebra	-	-	0.75	-	-	-	0.75
Acres	6.25	85.35	163.3	58.65	13.25	45	371.8

\*Figures do not include damage to fruit trees, property & crops where area was not reported.

### BIG LIFE TANZANIA ARREST INCIDENTS IN 2014

Crime category	Crime type	Total
Desching	Trophy	6
Poaching	Game meat	42
Desching intention	Intention to snare	2
Poaching intention	Intention to hunt	2
	Firewood	1
	Charcoal	10
Habitat destruction	Logging	17
	Fire	1
Encroachment	Illegal grazing	6
	Narcotics	2
Community crime	Lion retaliation	5
	Cheetah retaliation	1
	lvory	3
Possession of trophy	Eggs	1
	Skin	1
Total		100



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