# **Kunene River**

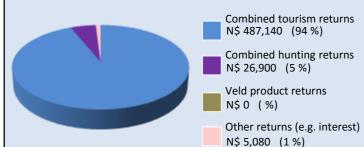
# Conservancy Status Summary & Natural Resource Report

# maximising wildlife returns by minimising threats...

## **Conservancy status summary**

#### Returns from natural resources in 2014 the chart shows the main sources of returns and values and their percentage of the total returns

Approximate Total Returns N\$ 519,120



#### Two of the most significant returns for the conservancy:

- √ cash income to the conservancy to cover running costs and invest in developments
- √ employment to conservancy residents

Conservancy	N\$ 98,310		
Front - month	Private Sector	18 staff	N\$ 385,010
Employment	Conservancy	2 staff	N\$ 74,010

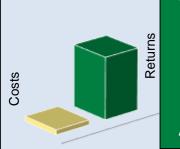
### Cost of natural resource conflicts in 2014

estimates are based on average national values

Estimated human wildlife conflict cost	N\$ 39,880
Estimated poached high value species loss	N\$ 0
Total conflict cost estimate	N\$ 39,880

#### Natural resource cost-return ratio in 2014

the chart shows the approximate ratio of returns to costs



Natural resource returns outweigh approximate conflict costs

> **Total returns:** N\$ 519,120

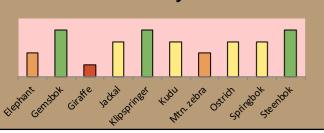
Approximate conflict costs: N\$ 39,880

Approximate positive ratio 13 : 1

### Management performance in 2015

Category	Performance
1 Adequate staffing	
2 Adequate expenditure	
3 Audit attendance	
4 NR management plan	
5 Zonation	
6 Leadership	
7 Display of material	
8 Event Book modules	
9 Event Book quality	
10 Compliance	
11 Game census	
12 Reporting & adaptive m/ment	
13 Law enforcement	
14 Human Wildlife Conflict	
15 Harvesting management	
16 Sources of NR income	
17 Benefits produced	
18 Resource trends	
19 Resource targets	

### Wildlife status summary in 2015

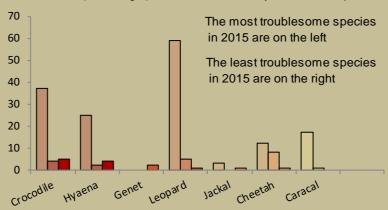


## **Human wildlife conflict**

#### Human wildlife conflict trend the chart shows the total number of incidents each year, subdivided by species, grouped as herbivores and predators Jackal Hyena Cheetah Leopard Other Predators Elephant Other Herbivores 200 180 160 140 120 100 80 60 40 20 the they the the the the the the the the

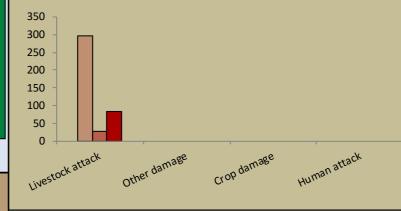
### Most troublesome problem animals 2013-2015

the chart shows the number of incidents per species for the last 3 years; the darkest bar (on the right) indicates the current year for each species

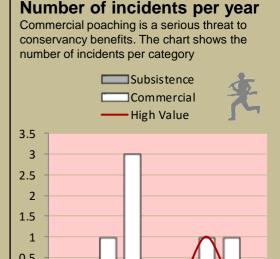


### Type of damage by problem animals 2013-2015

the chart shows the number of incidents per category for the last 3 years; the darkest bar (on the right) indicates the current year for each type



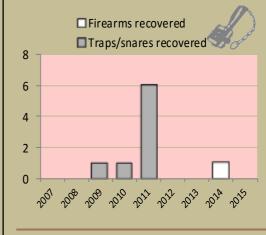
## **Poaching**



### Traps and firearms recovered

Pay Da Da Da Da Da Day Day Day

number of incidents per category



### **Arrests and convictions**

number of incidents per category



# Wildlife removals - quota use and value

Quota 2015		L5	Animals actually used in 2015					- Potential	Potential		
Species	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot & Sell	Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Other use Value N\$
Baboon	5	5								383	
Cheetah	1	1								9,450	
Crocodile	1	1								19,155	
Duiker	1	1								1,916	
Hyaena	1	1								5,746	
B-f Impala	3	3		2					2	8,939	
Jackal	5	5								128	
Klipspringer	1	1								4,980	
Kudu	15	5	10		5				5	5,491	2,580
Leopard	1	1								51,080	
Steenbok	4	4								1,532	
Mtn Zebra	10	5	5							5,108	3,320

### Potential value estimates (N\$) for species are based on:

weakness/

action needed

- Potential trophy value the average trophy value for that species in the conservancy landscape
- trophy values vary depending on trophy quality, international recognition of the hunting operator and the hunting area
- Potential other use value the average meat value for common species
- the average live sale value of each high value species (indicated with an \*)[high value species are never used for meat]

## Key to the status barometer



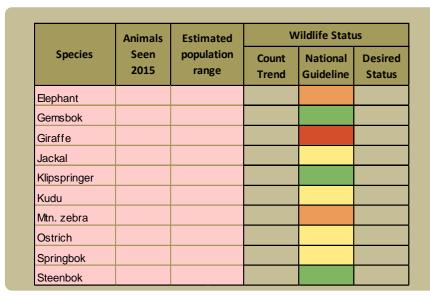
#### Success/threat flags Conservancies reduce environmental costs success/ benefit created

while increasing environmental returns. Returns from wildlife can far outweigh human wildlife conflict costs.



# monitoring numbers and trends for a healthy conservancy...

## **Current wildlife numbers and status**



#### Wildlife Status

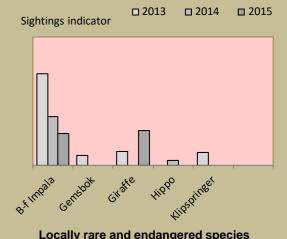
Count trend - gives the species status in the conservancy based on game count trend data.

National guideline - gives the species status in the conservancy using national guidelines for the conservancy; for example, lions may cause local problems, but are of high value and are rare at landscape level.

**Desired number** – gives the species status in the conservancy based on what the conservancy would like to have.

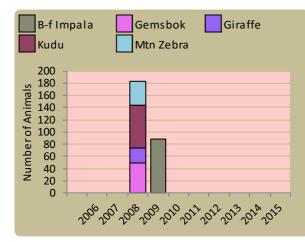
dark green (abundant) - there should be less; light green (common) - the desired number is reached; yellow (uncommon) - there should be more; light orange (rare) – there should be more than double; dark orange (very rare) – there should be more than triple; red (extinct) - the species needs to be reintroduced.

## Locally rare species

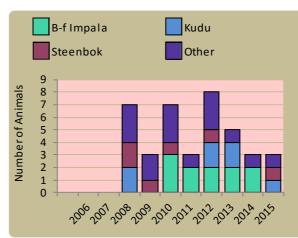


Locally rare and endangered species are not found very often in the conservancy and need special conservation attention.

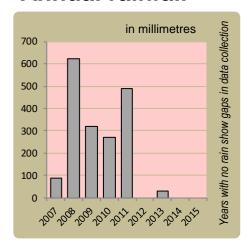
### Wildlife introductions

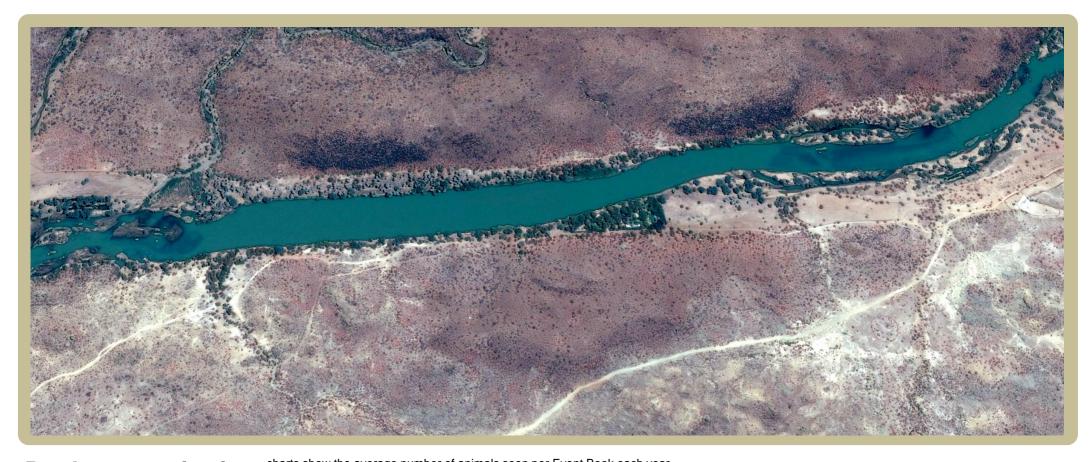


## Wildlife mortalities



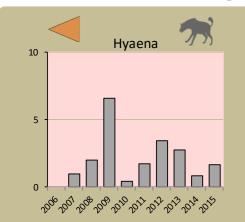
### Annual rainfall

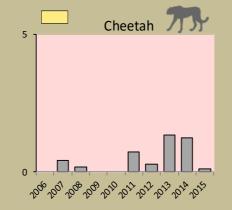


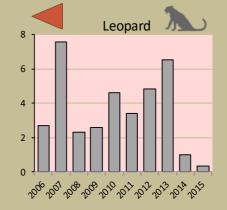


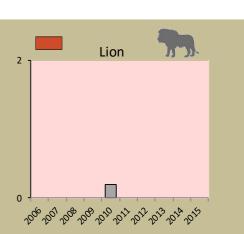
### **Predator monitoring**

charts show the average number of animals seen per Event Book each year status barometers reflect the general sightings trend over the last 5 years

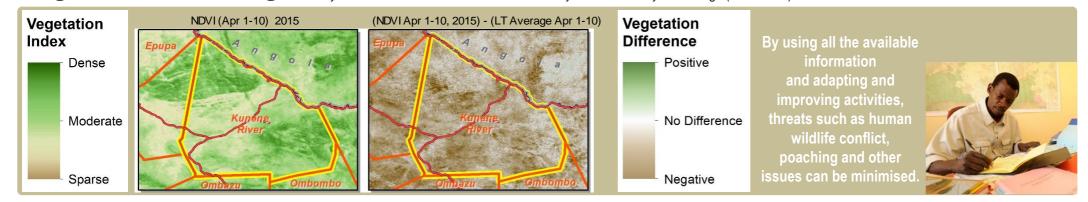








**Vegetation monitoring** Green vegetation index (NDVI). Maps show vegetation cover in the first 10 days of April of the current year and the difference between the current year and the 10 year average (2001-2010)



# Kunene River Institutional Report

Not all institutional data are shown on this report: use your governance institution audit for more information

# Enabling wise conservancy governance...

## **Conservancy statistics**

Date Registered: October 2006

Members: 500

Size (square kilometres): 2764

## **Conservancy Governance**

Number of management committee members:	13
Date of last AGM:	Thu, January 1, 2015
Attendance at AGM:	Men: 200; Women: 70
Date of next AGM:	Sat, October 22, 2016
Other important issues Financial report approved? Budget approved? Work plan approved?	✓ *

## **Constitutional adherence**

4
<b>⋖</b>
×
<b>✓</b>
×
×



## **Employment**

Conservancy staff: Male	11
Female	1
Community game guards:	9
Community resource monitors:	0
Lodge staff: Male	12
Female	12

### **Benefits**

Meat Distribution	

## Conservancy Self Evaluation How well does the conservancy consider it has performed in the past year?

Effectiveness of implementation	Poor	Fair	Good	Explanation of effectiveness rating
Game Utilisation and Management Plan				Due to the drought, our blocks being very far from each other and roads not being in good condition. Short of equipment like tents, sleeping bags, food etc.
Zonation Plan				Still waiting for the plan to return from MET and IRDNC
Natural Resource Plan				Plan is needed.
Human Wildlife Conflict Plan				More funds are needed to pay for claims. There is no budget for that and currently waiting for MET.
Tourism Plan				What the conservancy benefits from the lodge and campsite is not enough.
Sustainable Financial Plan				Funds are not enough
Benefit Distribution Plan				No plan.
Staff Plan				Still need funds for more training.
Assets Plan				There are problems
HIV/AIDS Plan				
Communication Plan				Because of the size of the area and the weather, and the unstable network reception smooth communication is hindered.