maximising wildlife returns by minimising threats...

Summa

Conservancy status summary

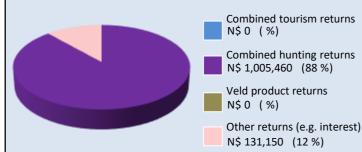
Returns from natural resources in 2017

Conservancy

the chart shows the main sources of returns and values and their percentage of the total returns

Approximate Total Returns N\$ 1,136,610

20



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\$ 873,610		
	Private Sector	8 staff	N\$ 263,000
Employment	Conservancy	18 staff	N\$ 654,710

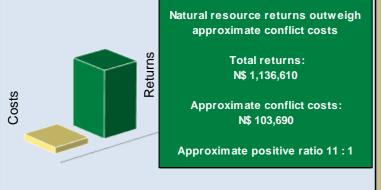
Cost of natural resource conflicts in 2017

e	estimates are based on average national values			
	Estimated human wildlife conflict cost	N\$ 103,690		

Estimated poached high value species loss N\$ 0
Total conflict cost estimate N\$ 103,690

Natural resource cost-return ratio in 2017

the chart shows the approximate ratio of returns to costs



Management performance in 2017

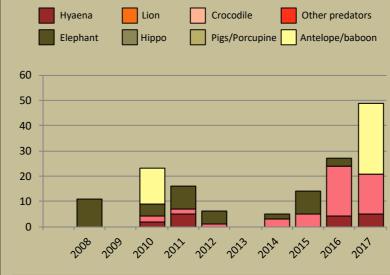
Category	Performance
1 Adequate staffing	
2 Adequate expenditure	
3 Audit attendance	
4 NR management plan	
5 Zonation	
6 Leadership	
7 Display of material	
8 Event Book modules	
9 Event Book quality	
10 Compliance	
11 Game census	
12 Reporting & adaptive m/ment	
13 Law enforcement	
14 Human Wildlife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

Human wildlife conflict

Human wildlife conflict trend the chart shows the total number of incidents each year,

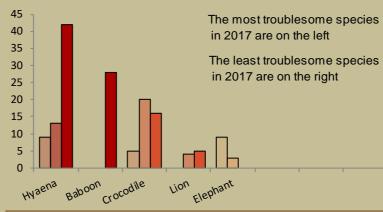
usese

subdivided by species, grouped as herbivores and predators



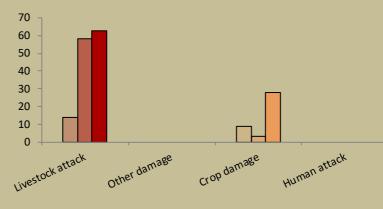
Most troublesome problem animals 2015-2017

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



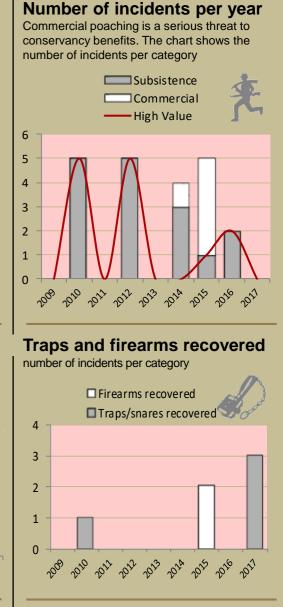
Type of damage by problem animals 2015-2017

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

latural Resource



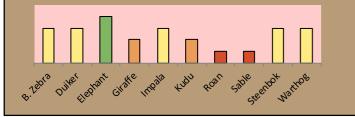
Arrests and convictions number of incidents per category

Arrests Convictions

Wildlife removals - quota use and value

		Quota 201	17		Animals actually used in 2017			Potential	Potential			
Species	Total	Trophy	Other Use	Trophy	Own Use & Premium		Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Other use Value N\$	
Crocodile	2	1	1	1	1				2	26,200		
Elephant*	9	5	4	6	3				10	210,000	360,000	
Нірро	7	3	4	3	2				7	36,000	6,600	
B. Zebra	15	10	5	10	4				15	4,200	4,200	

Wildlife status summary in 2017



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

- · 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





monitoring numbers and trends for a healthy conservancy...

Current wildlife numbers and status

	Animals		Wildlife Status					
Species	Seen	Estimate*	Count Trend	Landscape Status	Desired Number			
B. Zebra								
Duiker								
Elephant								
Giraffe								
Impala								
Kudu								
Roan								
Sable								
Steenbok								
Warthog								

1.2

1

0.8

0.6

0.4

0.2

0

Number of Animals

Wildlife Status

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

Landscape status- gives the species status in the focal landscape; for example, lions may cause local problems, but are of high value and may be rare at landscape level.

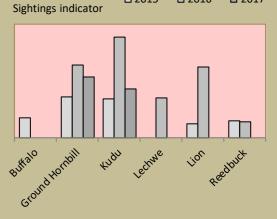
Desired number - gives the species status in the conservancy based on what the conservancy would like to have.

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.

* Estimates are for the focal conservancy and neighbouring conservancies combined

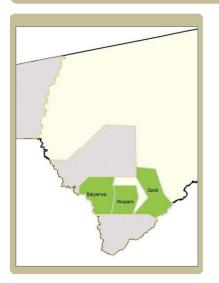
2015 □ 2016 □ 2017

Locally rare species

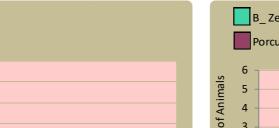


Locally rare and endangered species are not found very often in the conservancy and need special conservation attention.

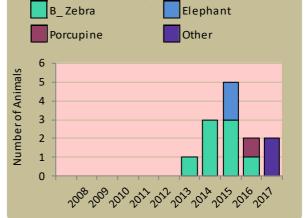
Annual rainfall



Wildlife introductions

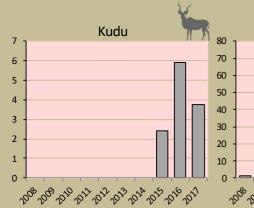


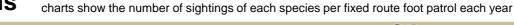
Wildlife mortalities

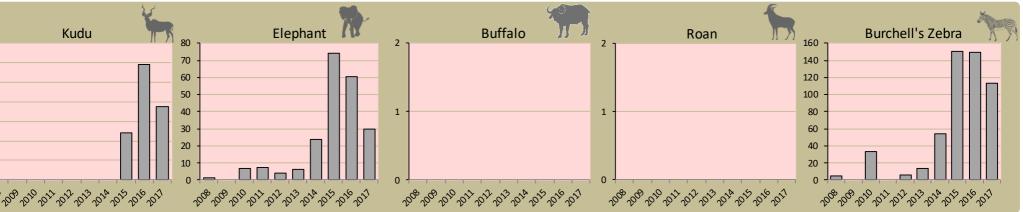


in millimetres with no rain show gaps in data collection 1400 1200 1000 800 600 400 200 0 2015 Years 2013 2017 2009 2011

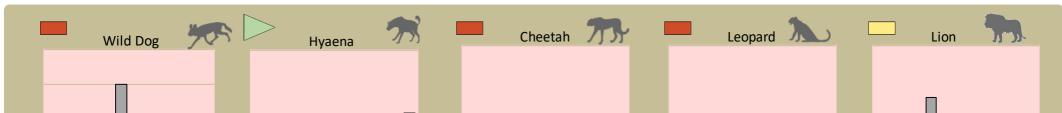
Fixed route patrols

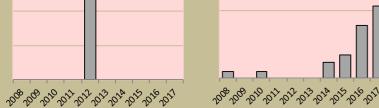




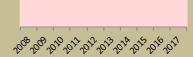


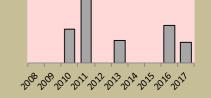
charts show the average number of animals seen per Event Book each year Predator monitoring status barometers reflect the general sightings trend over the last 5 years







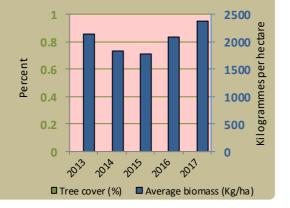




Vegetation monitoring

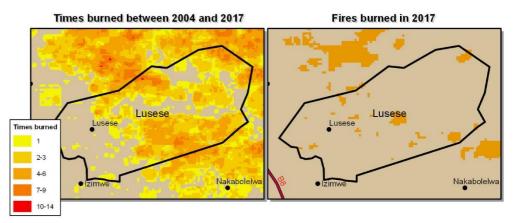
Change in bush cover since monitoring began

Percent tree cover / average biomass per hectare



Plots with more bush Plots with same bush Plots with less bush







Wildlife provides a wide range of benefits. Some wildlife can cause conflicts, but all wildlife is of value to tourism, trophy hunting and a healthy environment.



By using all the available information and adapting and improving activities, threats such as human wildlife conflict, poaching and other issues can be minimised.



Lusese Institutional Report

Enabling wise conservancy governance...

Conservancy Statistics

Date Registered:	October 2014
Population (2011 census):	880
Size (square kilometres):	207

Conservancy Governance

Number of management committee	
members:	Men: 6; Women: 9
Date of last AGM:	Thu, December 7, 2017
Attendance at AGM:	Men: 17; Women: 84
Date of next AGM:	Fri, December 7, 2018
Other important issues	
Financial report approved?	<
Dudget energy d2	✓
Budget approved?	
Work plan approved?	✓
Chairperson's report approved?	~

Key Compliance Requirements

Was an AGM held?	v
Were elections held?	«
Is there a Benefit Distribution Plan?	v
Is there a Game Management and Utilisation Plan?	v
Was an Annual Financial Report produced?	v



Employment

Conservancy staff: Male	12
Female	6
Community game guards:	7
Community resource monitors:	3
Lodge staff: Male	0
Female	0

Benefits

Cash	In Kind
Traditional Authority	Meat Distribution
Funeral Assistance	
Community Projects	
Haccis	
Hwc Offset	

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

Effectiveness of implementation	Poor	Fair	Good	Prev. Year	Explanation of effectiveness rating
Game Management and Utilisation					No poaching was reported; increase in wildlife
Zonation Plan					Plan implemented and members also understand the different land uses
Benefit Distribution					Members consulted on what benefits to be shared and reserved N\$ 1 million for village electrification project
Human Wildlife Conflict Management					Respond to incidents when they occur, continual awarenesss to members, and the claims that are paid
Sustainable Business and Financial Planning					No cases of missing money; funds are spent as planned/budgeted
Tourism					
Staff Management					Staff understand their job descriptions and have signed contracts
Assets Management/Register					Asset register to be updated
HIV/AIDS					
Communication					Regular consultative meetings with members to share information