# Kunene River Natural Resource Report

# maximising wildlife returns by minimising threats...

## **Performance Indicators**

2019

Management performance in 2019					
Category	Pe	rformar	nce		
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 management					
13 Law enforcement					
14 Human Wildlife Conflict					
15 Harvesting management					
16 Sources of NR income					
17 Benefits produced					
18 Resource trends					
19 Resource targets					

#### Key to performance indicators

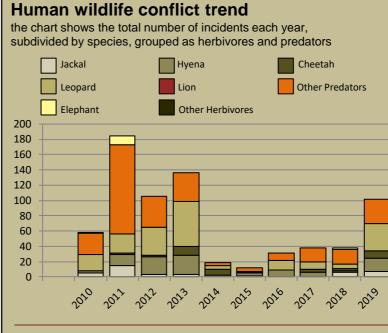
weak/bad	reasonable	good

Performance is assessed on a scoring system from zero (none) to a maximum of between 3 and 6 (strong/excellent) depending on the indicator.

Indicators 1-17 reflect the performance of the management team in place in the conservancy and an efficient team can achieve a good rating in all 17 indicators.

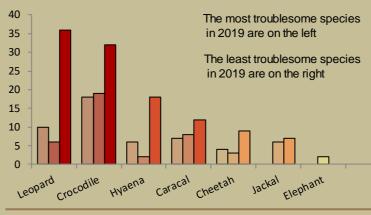
Indicators 18 & 19 are influenced by external factors and are not considered a reflection of conservancy management. They indicate the current status of wildlife in the conservancy in relation to a theoretical optimal situation.

# Human wildlife conflict



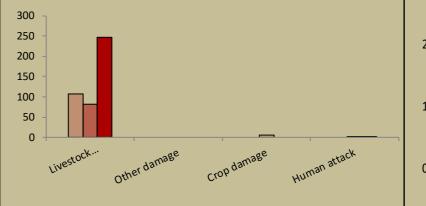
#### Most troublesome problem animals 2017-2019

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

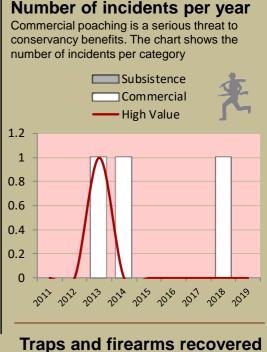


#### Type of damage by problem animals 2017-2019

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

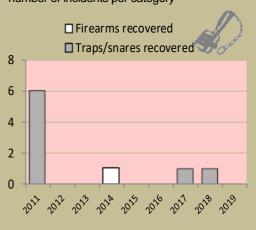


## Poaching



**A1** 

number of incidents per category



#### Arrests and convictions number of incidents per category



## Wildlife removals - quota use and value

# 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

or

Fractions of animals indicate that a quota of 1 animal was awarded with conditions i.e. a) over a period of several years and/or b) is shared with other conservancies

value species are never used for meat

	Quota 2019			Animals actually used in 2019		Potential	Potential				
Species	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot &	Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Other use Value N\$
Crocodile	1	1		1					1	28,800	
Duiker	2	2								1,900	
Giraffe	2	1	1							10,600	13,440
B-f Impala	5	5		1					1	8,500	
Jackal	5	5								400	
Klipspringer	2	2								5,500	
Kudu*	20	5	15		2				2	9,900	194,790
Steenbok	2	2								1,700	

Effective monitoring is key to understanding the status of wildlife in the conservancy and for the effective management of these resources.

Conservancies reduce environmental costs while increasing environmental returns. Returns from wildlife can far outweigh human wildlife conflict costs. 2019

**Kunene River** 

Not all data or species are shown on this report; use your Event Book for more information **A2** 

# Natural Resource Report continued...

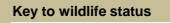
# monitoring numbers and trends for a healthy conservancy...

### Current wildlife numbers and status

	Animala	Estimated	v	Wildlife Status		
Species	Seen 2019	Animals Seen 2019 range		National Guideline	Desired Status	
Elephant						
Gemsbok						
Giraffe						
Jackal						
Klipspringer						
Kudu						
Mtn. zebra						
Ostrich						
Springbok						
Steenbok						

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

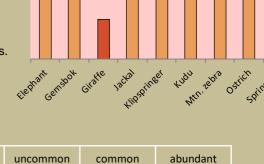
dark green (abundant) - reduce a lot; light green (common) - reduce a little; yellow (uncommon) - keep numbers the same; light orange (rare) - double numbers; dark orange (very rare) - more than double numbers.



very rare

extinct

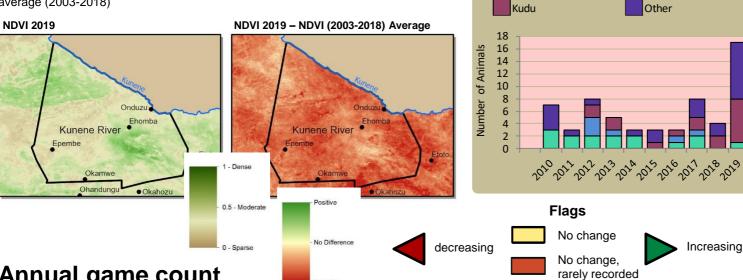
B-f Impala



Wildlife status summary in 2019

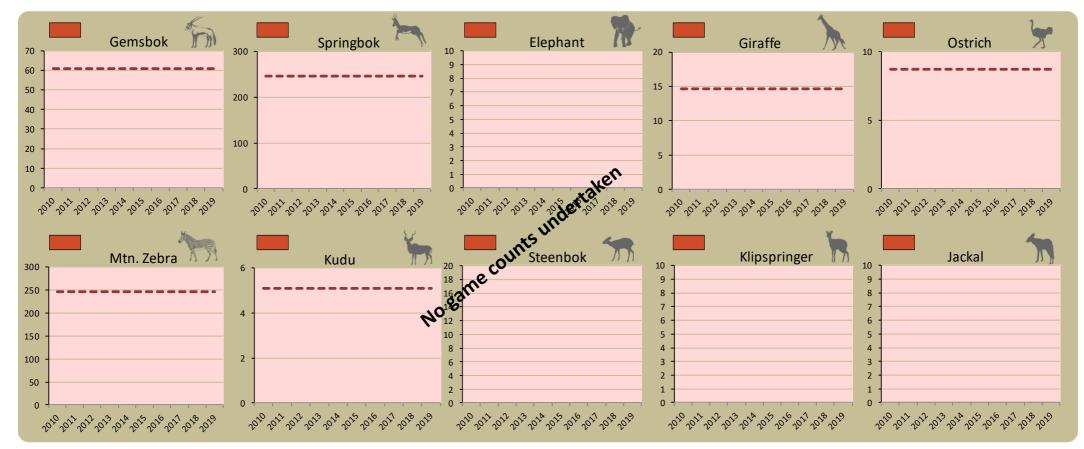


Green vegetation index (NDVI). Maps show vegetation cover during Feb-Apr of the current year and the difference between the current year and the long-term average (2003-2018)



### Annual game count

Charts show the number of animals seen each year per 100 km driven during the game count. As a point of reference the dashed horizontal line represents the combined 10 year average in Palmwag and Etendeka concessions. Status flags reflect the general count trend over the last 5 years.



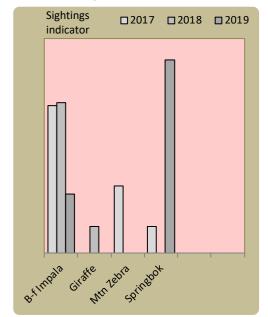
Wildlife mortalities

rare

Duiker

 $\hat{\gamma}$ 

### Locally rare species



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

#### **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



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.

# **Institutional Report**

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

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# Enabling wise conservancy governance...

#### **Conservancy Statistics**

Date Registered:	October 2006
Population (2011 census):	3960
Size (square kilometres):	2764
Registered members:	250

#### **Conservancy Governance**

	Male	Female	Total
Number of management committee members	13		13
Attendance at AGM	110	75	185
Date of the last AGM:	31/10/2019		
Date of the next AGM:	07/2020		
Other important issues			
Budget approved?	• <b>«</b>		
Work plan approved?	, 🗸		
Annual conservancy report approved?	)		

### Employment

		Male	Female	Total
Conservancy staff (Incl. CGG	& CRM)	9	1	10
Number of Community Game	Guards	8		8
Number of Community Resour	ce Monitors			

### **Key Compliance Requirements**

Was an AGM held?	<
Were elections held?	N/A
Were benefits distributed according to the BDP?	×
Is game managed according to the GMUP?	×
Was the financial report presented and approved?	<

#### **Benefit Distribution**

<b>Type</b> Meat Distribution	Description Meat To Members	Beneficiary Households	Number 14

#### Governance Performance Rating How well did the conservancy perform in the past year?

Performance Category	This Year	Prev. Year	Explanation of performance category		
1 Member engagement			The conservancy is adequately engaging its members		
2a Benefit planning			The conservancy developed its BDP in a transparent and participatory manner		
2b Benefit distribution			The conservancy distributes benefits to its members in a fair, transparent and equitable manner		
3 Accountability			Conservancy members are holding the management committee accountable		
4 Compliance			The conservancy is compliant with the standard operating proceedures (SOPs)		
5 Stakeholder engagement			The conservancy maintains relationships with key external stakeholders		
6 Financial management	ement The conservancy is effectively managing its finances				
Colour codes: none weak	modera	te	strong exceptional N/A		