

maximising wildlife returns by minimising threats...

Conservancy status summary

Returns from natural resources in 2016

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

Approximate Total Returns N\$

No data available

- Combined tourism returns N\$ 0 (%)
- Combined hunting returns N\$ 0 (%)
- Veld product returns N\$ 0 (%)
- Other returns (e.g. interest) N\$ 0 (%)

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 income	N\$
Employment	Private Sector
	Conservancy

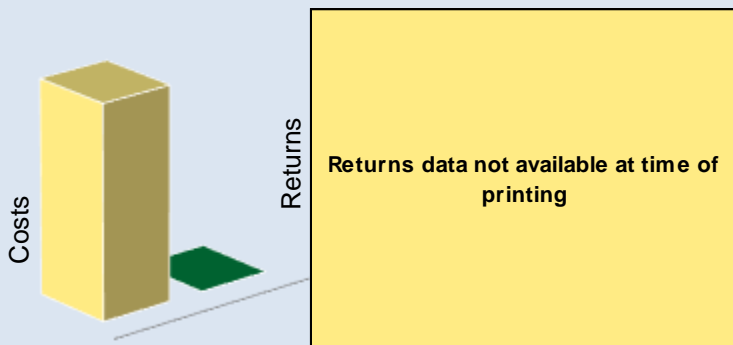
Cost of natural resource conflicts in 2016

estimates are based on average national values

Estimated human wildlife conflict cost	N\$ 178,020
Estimated poached high value species loss	N\$ 0
Total conflict cost estimate	N\$ 178,020

Natural resource cost-return ratio in 2016

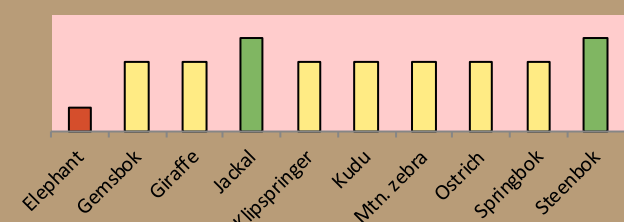
the chart shows the approximate ratio of returns to costs



Management performance in 2016

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

Wildlife status summary in 2016



Key to the status barometer

Wildlife status

extinct very rare rare uncommon common abundant



Management performance & other data

weak/bad reasonable good

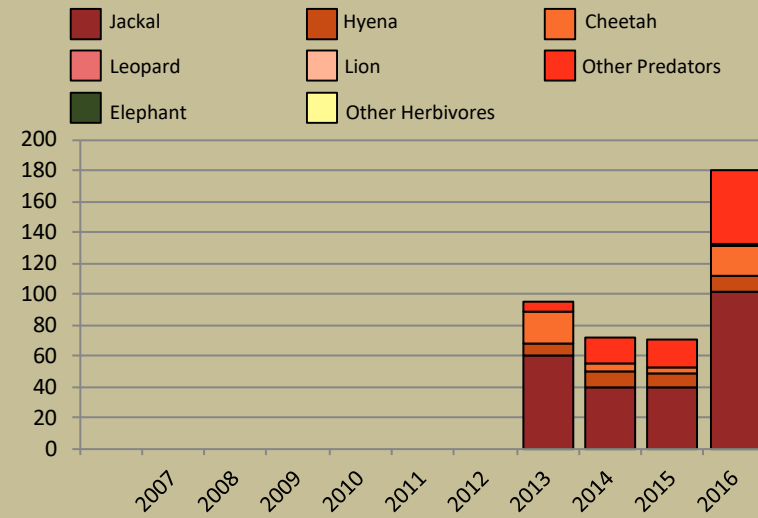
Success/threat flags

- Green triangle: success/benefit created
- Red triangle: weakness/action needed

Human wildlife conflict

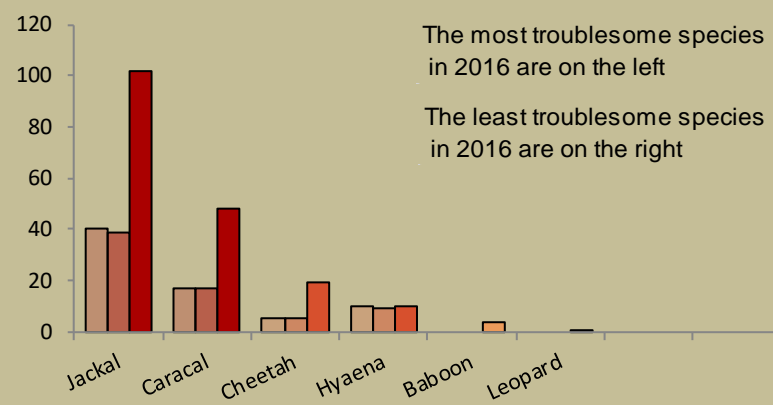
Human wildlife conflict trend

the chart shows the total number of incidents each year, subdivided by species, grouped as herbivores and predators



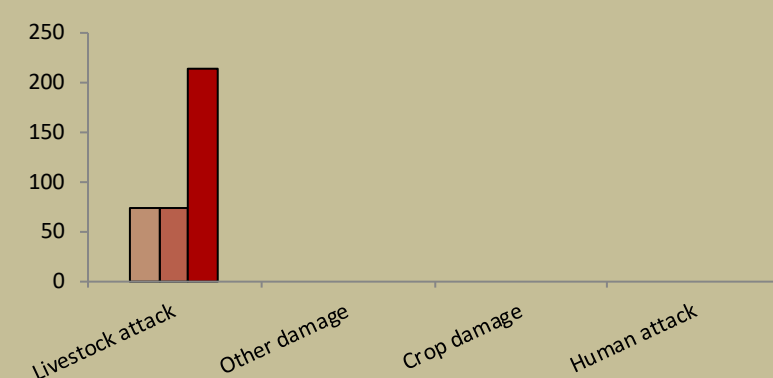
Most troublesome problem animals 2014-2016

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 2014-2016

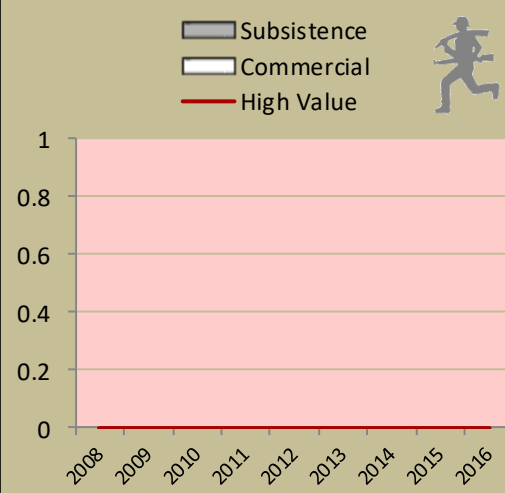
the chart shows the number of incidents per category for the last 3 years; the darkest bar (on the right) indicates the current year for each type



Poaching

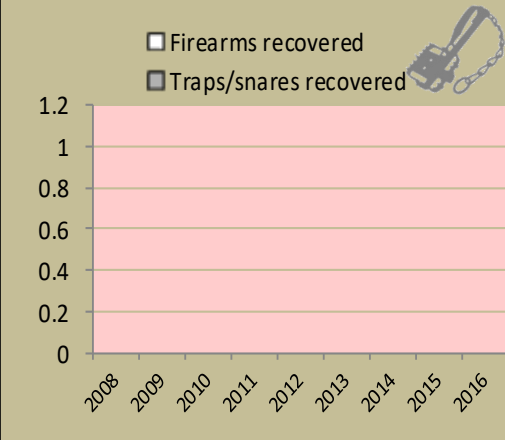
Number of incidents per year

Commercial poaching is a serious threat to conservancy benefits. The chart shows the number of incidents per category



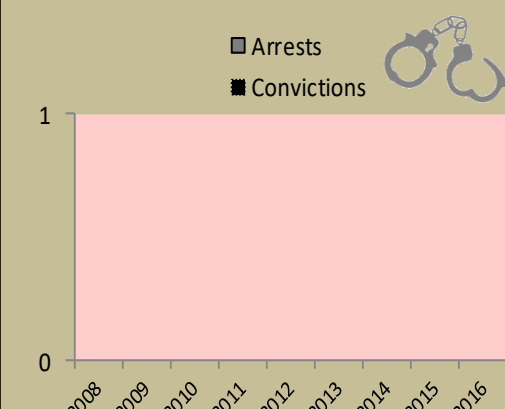
Traps and firearms recovered

number of incidents per category



Arrests and convictions

number of incidents per category



Wildlife removals – quota use and value

Species	Quota 2016			Animals actually used in 2016					Potential Trophy Value N\$	Potential Other use Value N\$	
	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot & Sell	Capture & Sale	Problem Animal			Total Use
Baboon	5	5								700	
Gemsbok	5	2	3							3,900	2,160
Jackal	5	5								700	
Kudu*	10	2	8							8,100	38,800
Steenbok	3	3								1,600	
Warthog	8	3	5							2,900	400

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]

Conservancies reduce environmental costs 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

Species	Animals Seen 2016	Estimated population range	Wildlife Status		
			Count Trend	National Guideline	Desired Status
Elephant			Dark Orange	Red	
Gemsbok			Dark Orange	Green	
Giraffe			Dark Orange	Green	
Jackal	1		Green	Green	
Klipspringer			Dark Orange	Green	
Kudu	2	2 - 20	Dark Orange	Green	
Mtn. zebra			Dark Orange	Green	
Ostrich			Dark Orange	Green	
Springbok			Dark Orange	Green	
Steenbok	2	2 - 20	Green	Green	

Wildlife Status

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

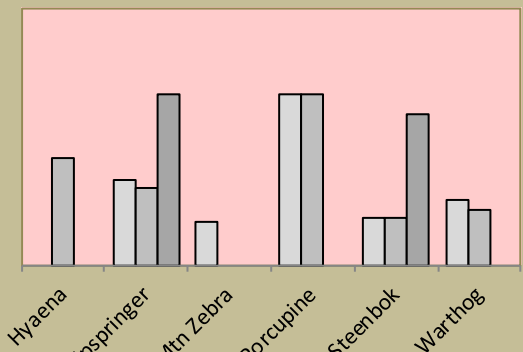
National guideline – gives the species status in the conservancy using national guidelines for the conservancy; for example, lions may cause local problems, but are of high value and are rare at landscape level.

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.

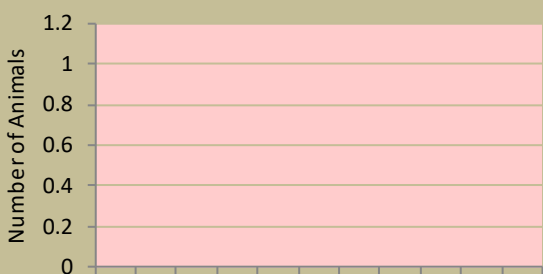
Locally rare species

Sightings indicator □ 2014 □ 2015 □ 2016

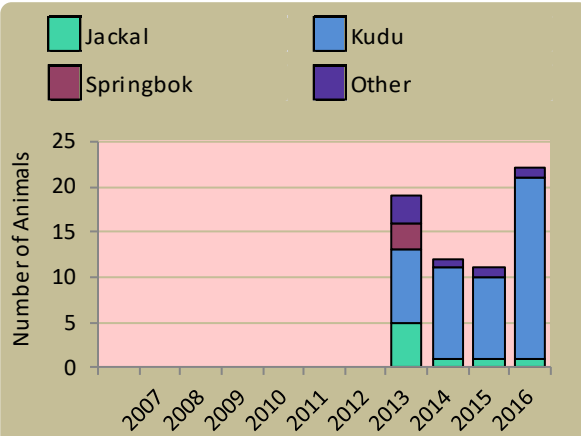


Locally rare and endangered species are not found very often in the conservancy and need special conservation attention.

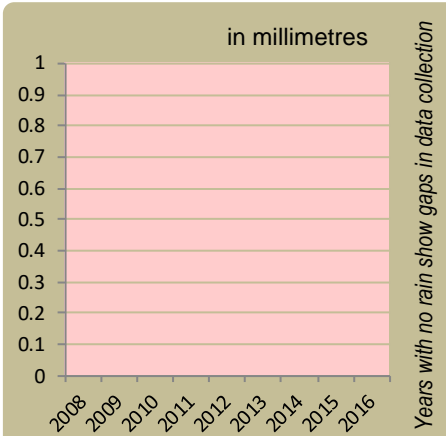
Wildlife introductions



Wildlife mortalities



Annual rainfall



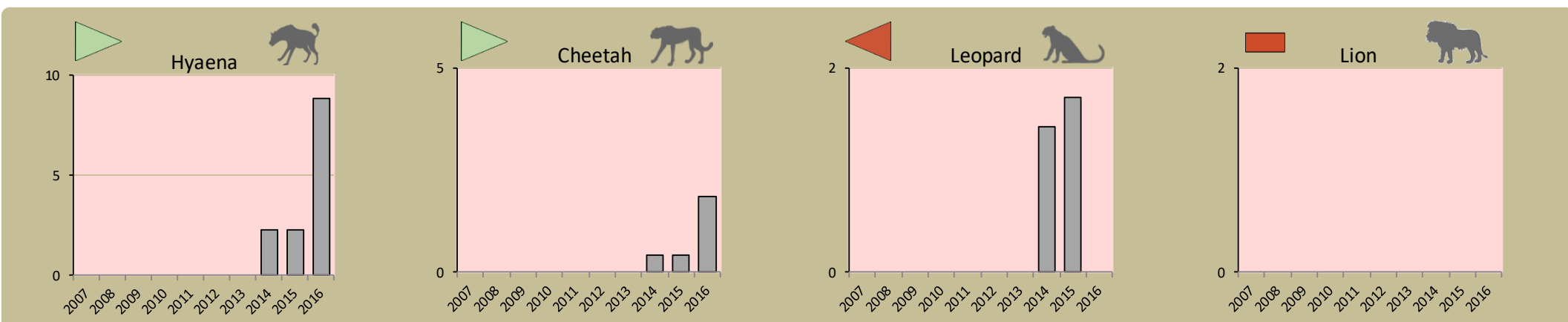
Annual game count

charts show the number of animals seen each year per 100 km driven during the game count status barometers reflect the general count trend over the last 5 years



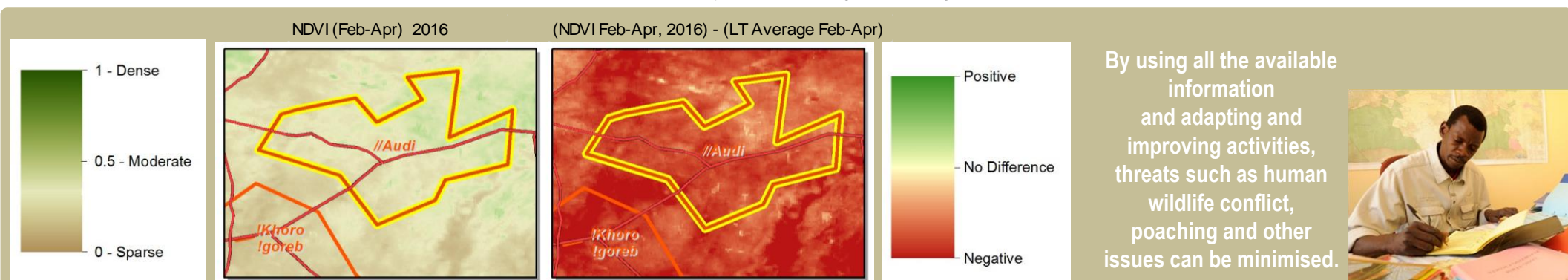
Predator monitoring

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 during Feb-April of the current year and the difference between the current year and the long term average (2001-2015)



Enabling wise conservancy governance...

Conservancy statistics

Date Registered:	October 2006
Population (2011 census):	590
Size (square kilometres):	335

Conservancy Governance

Number of management committee members:	6
Date of last AGM:	
Attendance at AGM:	Men: ; Women:
Date of next AGM:	Wed, November 1, 2017
Other important issues	
Budget approved?	✗
Work plan approved?	✓

Constitutional adherence

Approved constitution	✓
AGM held	✓
Management and utilisation plan	✗
Financial annual report approved at AGM	✓
Financial report external review	✓
Benefit distribution plan	✗



Employment

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

Benefits

Cash	In Kind
	Social Benefits

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 Management and Utilisation				Conservancy struggling with the volunteers who monitor wildlife and natural resources in conservancy areas.
Zonation Plan				Conservancy in process of drafting of the conservancy area. Close relationship with members and other stakeholders.
Benefit Distribution				No cash benefits but the farmers assisted in HWC and livestock losses were compensated.
Human Wildlife Conflict Management				Yes the farmers were engaged and all HWC claims are handled in accordance the HWC policy.
Sustainable Business and Financial Planning				Not well understood by all members and new committee.
Tourism				The conservancy area is over populated.
Staff Management				No staff
Assets Management/Register				Training needed in this regard.
HIV/AIDS				People are aware of HIV/AIDS
Communication				People know what is going on in the conservancy.