N≠a Jaqna

Annual Natural Resource Report

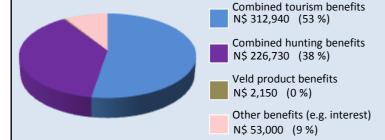
maximising wildlife benefits by minimising threats...

Conservancy status

Benefits from natural resources in 2011

the chart shows the main benefit sources and values and their percentage of the total benefits

Approximate Total Benefits N\$ 594,820



Two of the most significant benefits for the conservancy:

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

Conservancy income

Employment	Private Sector	80 staff	?
benefits	Conservancy	12 staff	N\$ 141,210

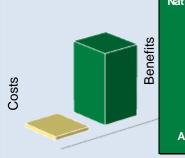
Cost of natural resource conflicts in 2011

estimates are based on average national values

Total conflict cost estimate	N\$ 28,870					
Estimated poached high value species loss	N\$ 0					
Estimated human wildlife conflict cost	N\$ 28,870					
odimatos die based on avorage national values						

Natural resource cost-benefit ratio in 2011

the chart shows the approximate ratio of benefits to costs



Natural resource benefits outweigh approximate conflict costs

N\$ 281,880

Total benefits: N\$ 594.820

Approximate conflict costs: N\$ 28,870

Approximate positive ratio 21:1

* The annual data collection process results in a lag of 1 year for income data *

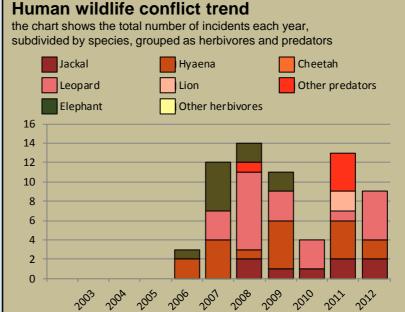
Management performance in 2012

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

Wildlife status summary in 2012

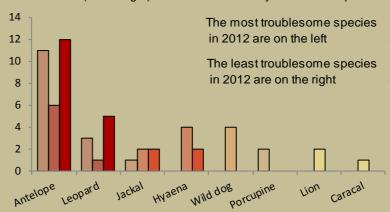


Human wildlife conflict



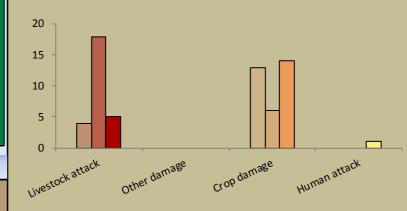
Most troublesome problem animals 2010-2012

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

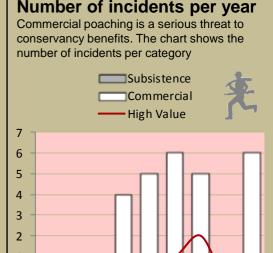


Type of damage by problem animals 2010-2012

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



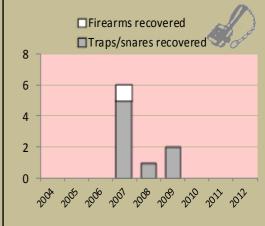
Poaching



Traps and firearms recovered

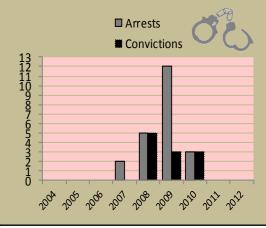
ton top top ton ton ton ton ton ton

number of incidents per category



Arrests and convictions

number of incidents per category



Wildlife removals – quota use and value

Species	Quota 2012					Animals actually used in 2012						
	Total	Potential Total Value N\$	Trophy	Potential Trophy Value N\$	Other Use	Potential Other use Value N\$	Trophy	Own Use & Premium	Shoot & Sell	Capture & Sale	Problem Animal	Total Use
Elephant*	3	248,162	2	244,982								
Hyaena	3	8,943	3	8,943								
Jackal	6	942	6	942								
Kudu	4	8,730	2	8,472	2	258						
Leopard	3	61,758	3	61,758								
Steenbok	15	4,260	5	4,200	10	60						

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

- Potential trophy value the average national trophy value of each trophy species multiplied by the quota number
- · Potential other use value the average national meat value of each common species multiplied by the quota number
- the average live sale value of each high value species (indicated with an *) multiplied by the quota number
- high value species are never used for meat

Key to the status barometer

Wildlife status extinct very rare rare uncommon common abundant weak/bad reasonable good Management performance & other data

Success/threat flags

success/ benefit created weakness/

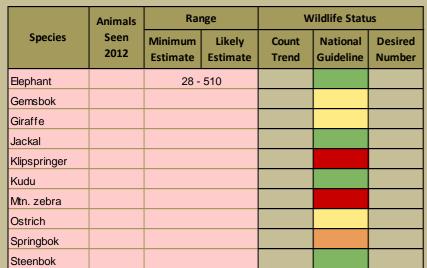
action needed

Conservancies reduce environmental costs while increasing environmental benefits. Benefits from wildlife can far outweigh human wildlife conflict costs.



monitoring numbers and trends for a healthy conservancy...

Current wildlife numbers and status



Wildlife Status

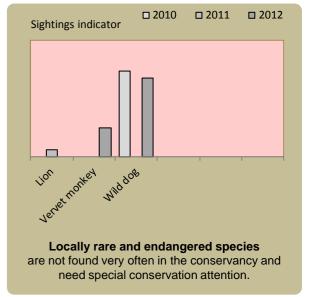
Count trend – gives the species status in the conservancy based on game count trend data

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.

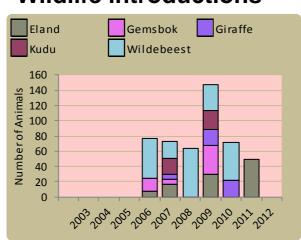
Desired number – gives the species status in the conservancy based on what the conservancy would like to have.

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.

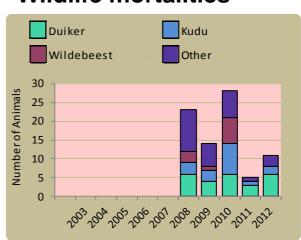
Locally rare species



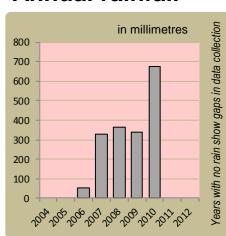
Wildlife introductions



Wildlife mortalities



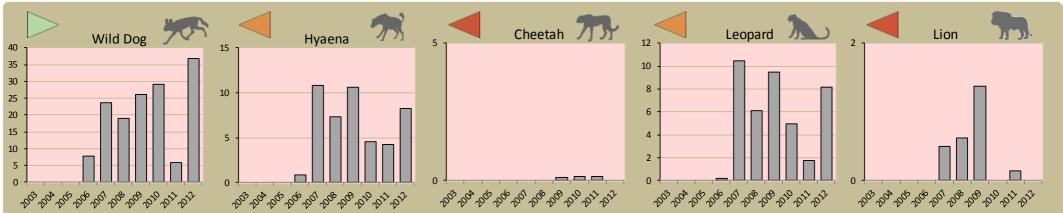
Annual rainfall



Annual game count currently not done

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









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

