## maximising wildlife returns by minimising threats…

Performance Indicators

Management performance in 2019

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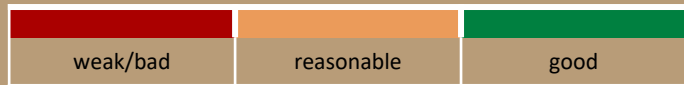
Performance is assessed on a scoring system from zero (none) to a maximum of between 3 and 6 (strong/excellent) depending on the indicator.

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.
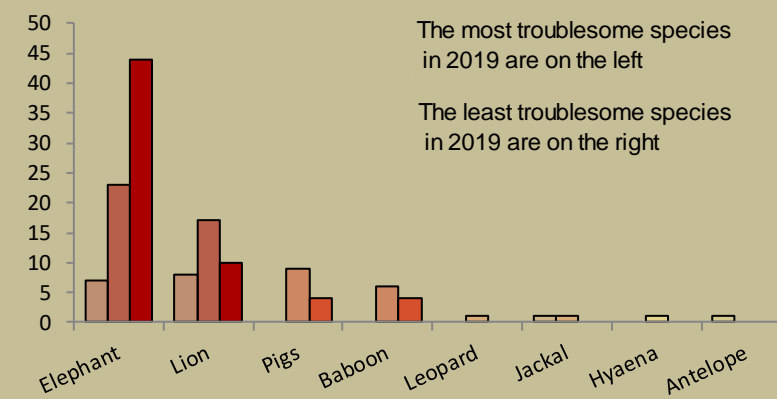
Human wildlife conflict

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

Legend: Hyaena, Lion, Crocodile, Other predators, Elephant, Hippo, Pigs/Porcupine, Antelope/baboon
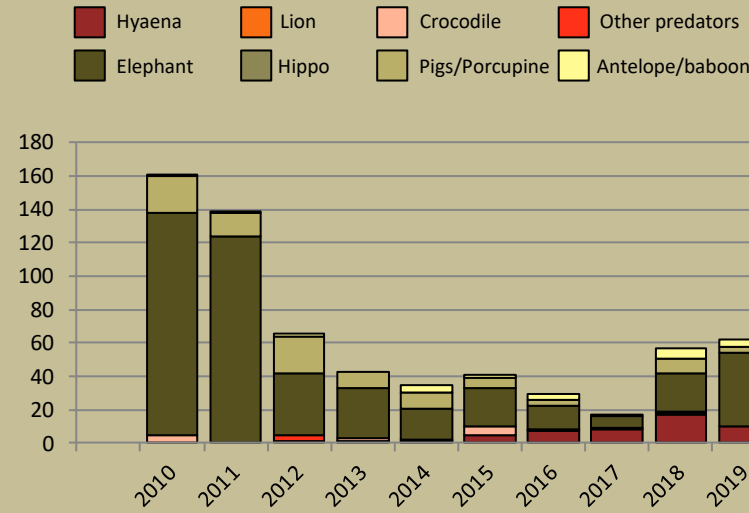
Most troublesome problem animals 2017-2019
the chart shows the number of incidents per species for the last 3 years; the darkest bar (on the right) indicates the current year for each species

The most troublesome species in 2019 are on the left

The least troublesome species in 2019 are on the right

(Elephant, Lion, Pigs, Baboon, Leopard, Jackal, Hyaena, Antelope)

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

(Livestock…, Other damage, Crop damage, Human attack)
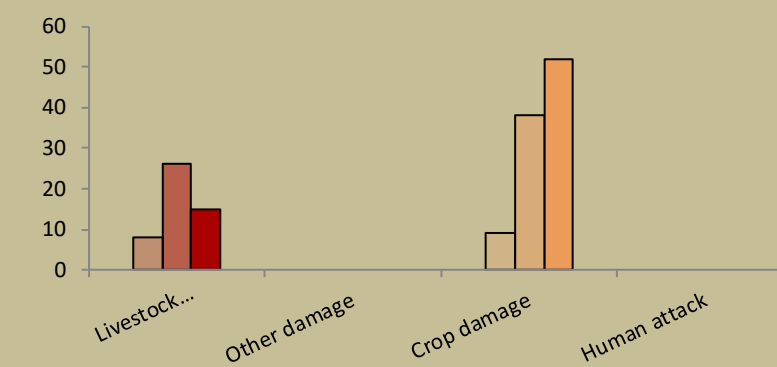
Poaching

Number of incidents per year
Commercial poaching is a serious threat to conservancy benefits. The chart shows the number of incidents per category
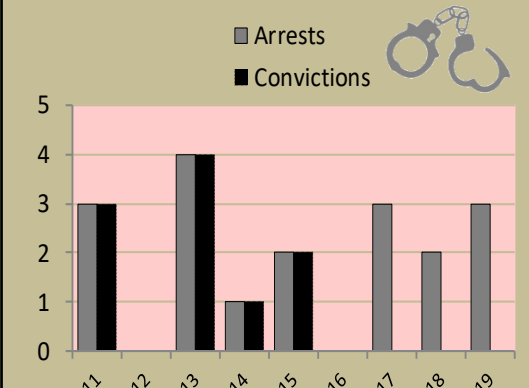
Legend: Subsistence, Commercial, High Value
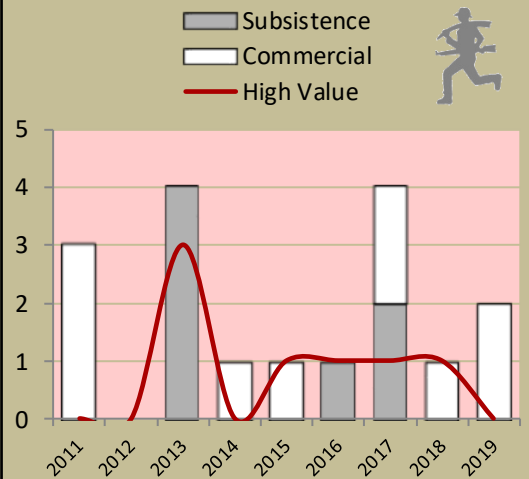
Traps and firearms recovered
number of incidents per category

Legend: Firearms recovered, Traps/snares recovered
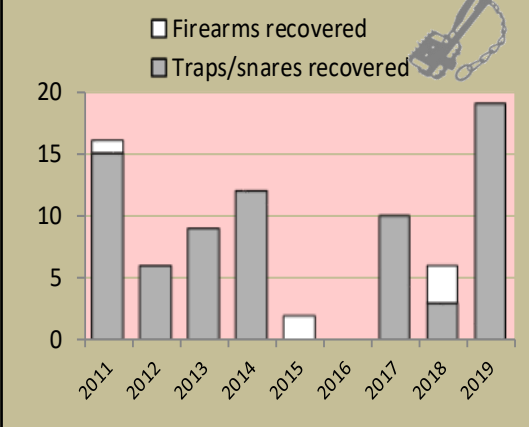
Arrests and convictions
number of incidents per category

Legend: Arrests, Convictions

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

or

the average live sale value of each high value species (indicated with an *). High value species are never used for meat

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

Species	Quota 2019			Animals actually used in 2019						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		
Buffalo	4	3	1	2	1				4	79,200	6,600
Duiker	2	2		1					1	1,900	
Eland*	1	1		1					1	12,700	
Elephant*	6	3	3	2	1			1	5	220,800	270,000
Kudu*	6	4	2	1	1				2	5,900	25,972
Roan*	1	1		1					1	61,700	
Sable*	0.33	0.33								61,900	
Warthog	2	2								2,300	
Blue wildebeest*	2	2								4,300	
B. Zebra	8	4	4	4	2				7	5,100	4,200

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.

## monitoring numbers and trends for a healthy conservancy…

Current wildlife numbers and status

Species	Animals Seen	Estimate	Wildlife Status		
			Count Trend	Landscape Status	Desired Number
B. Zebra	8	16			
Buffalo		12			
Duiker	9	476			
Elephant		411			
Giraffe					
Impala					
Kudu	5	199			
Roan	2				
Sable					
Steenbok	1	172			

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;
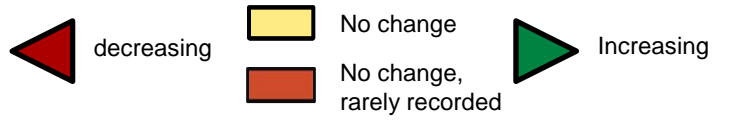**dark orange** (very rare) – more than double numbers.

Wildlife status summary in 2019

Key to wildlife status

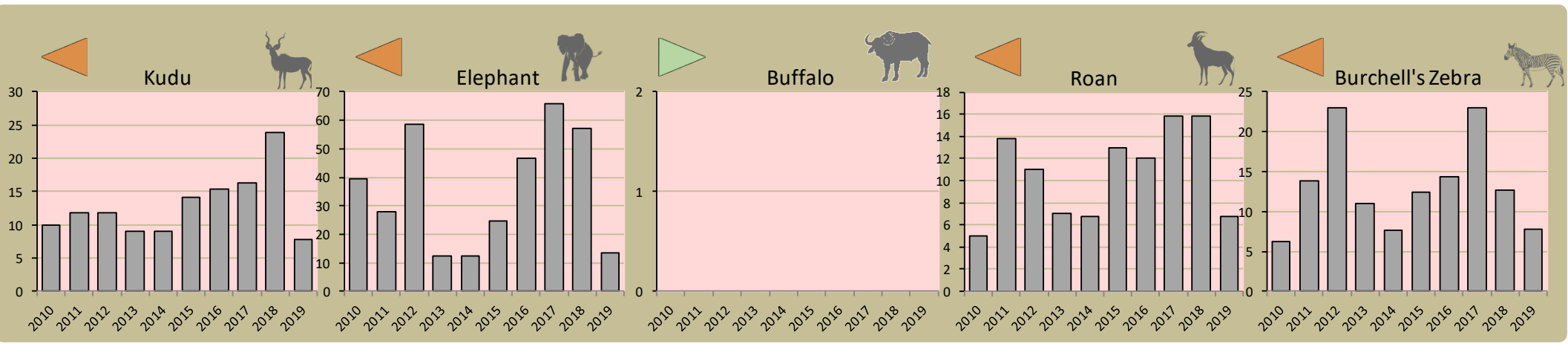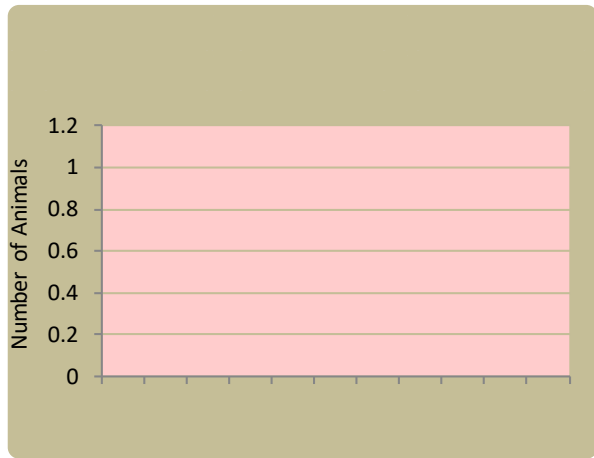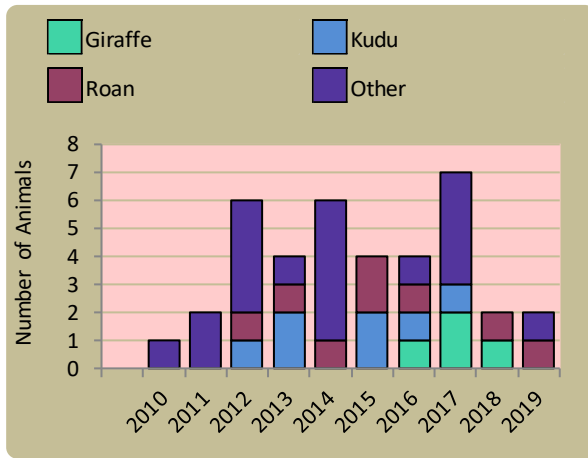| extinct	very rare	rare	uncommon	common	abundant
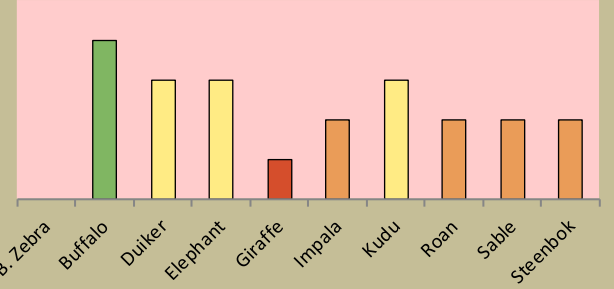
Fixed route patrols

charts show the number of sightings of each species per fixed route foot patrol each year. Status flags reflect the general sightings trend over the last 5 years
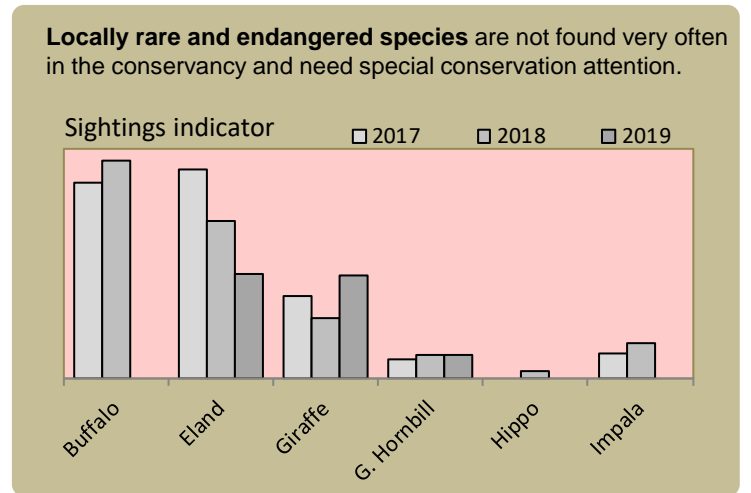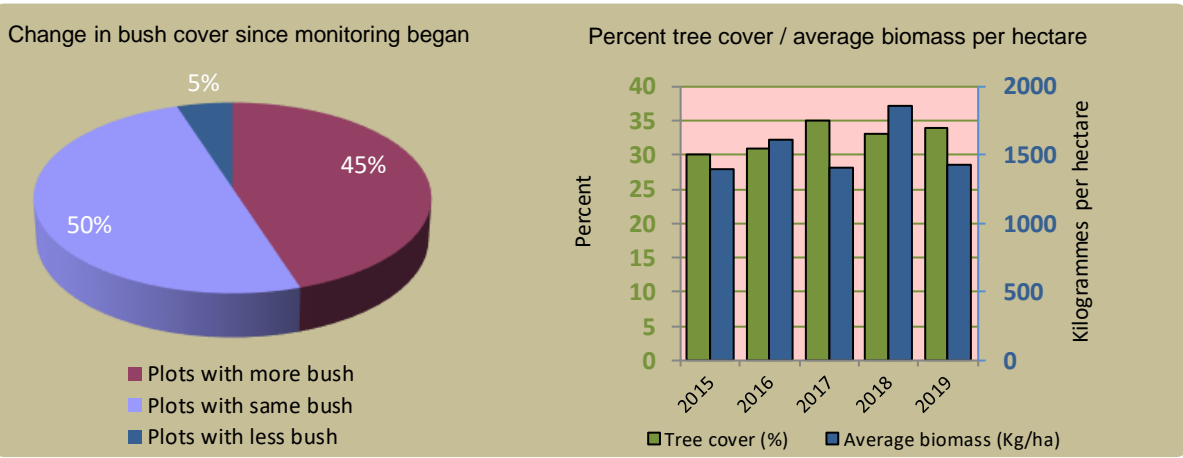
Flags   decreasing   No change   No change, rarely recorded   Increasing

Kudu, Elephant, Buffalo, Roan, Burchell's Zebra

Wildlife introductions

Wildlife mortalities

Giraffe, Kudu, Roan, Other

Locally rare species

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

Sightings indicator   ☐2017 ☐2018 ☐2019

Buffalo, Eland, Giraffe, G. Hornbill, Hippo, Impala

Vegetation monitoring

Change in bush cover since monitoring began

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

Percent tree cover / average biomass per hectare

- Tree cover (%)
- Average biomass (Kg/ha)

Fire monitoring

Times burned between 2001 and 2019

Fires burned in 2019

Times burned
1
2-5
6-10
11-15
15-19

Month
May- July
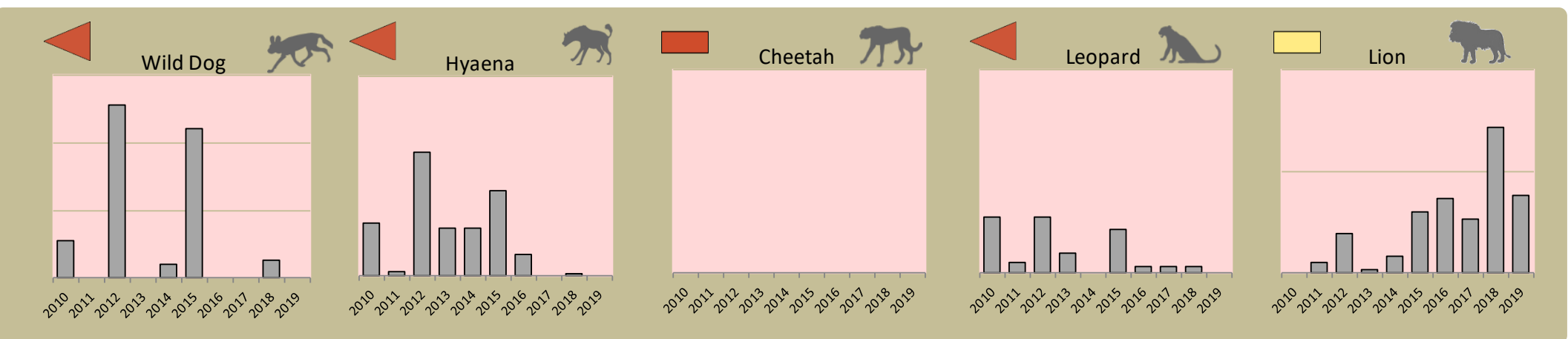August-Dezember

29% of conservancy area burned

Sobbe, Mamili, Mudumu

Predator monitoring

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

Wild Dog, Hyaena, Cheetah, Leopard, Lion

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.

Sobbe
Institutional Report

Enabling wise conservancy governance…

Conservancy Statistics

Date Registered:	October 2006
Population (2011 census):	1010
Size (square kilometres):	391
Registered members:	991

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?	✓

Conservancy Governance

	Male	Female	Total
Number of management committee members	8	7	15
Attendance at AGM	68	101	169
Date of the last AGM:	11/12/2019		
Date of the next AGM:	12/2020		

Other important issues

Budget approved?	✓
Work plan approved?	✓
Annual conservancy report approved?	

Benefit Distribution

Type	Description	Beneficiary	Number
Community Devp.	Village Electrification For Munguza Area		
Social Benefits	Cash To Churches	People	700
	Soccer	People	135
	Stationary For Schools And Chairs and Tables For Kindergarten	Children	530
Meat Distribution	Meat For Members	People	991
Other Benefits	Cash To Khuta		
	Cash To Sub Khuta		
	Hwc Offset	People	23

Employment

	Male	Female	Total
Conservancy staff (Incl. CGG & CRM)	14	8	22
Number of Community Game Guards	10	5	15
Number of Community Resource Monitors			

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	moderate		The conservancy is adequately engaging its members
2a Benefit planning	exceptional		The conservancy developed its BDP in a transparent and participatory manner
2b Benefit distribution	moderate		The conservancy distributes benefits to its members in a fair, transparent and equitable manner
3 Accountability	exceptional		Conservancy members are holding the management committee accountable
4 Compliance	exceptional		The conservancy is compliant with the standard operating proceedures (SOPs)
5 Stakeholder engagement	exceptional		The conservancy maintains relationships with key external stakeholders
6 Financial management	exceptional		The conservancy is effectively managing its finances

Colour codes: | none | weak | moderate | strong | exceptional | | N/A |