Epupa Natural Resource Report



maximi wildlife returns by minimising threats...

Human wildlife conflict Poaching performance in 2020 Human wildlife conflict trend Number of incidents per year the chart shows the total number of incidents each year, Commercial poaching is a serious threat to subdivided by species, grouped as herbivores and predators conservancy benefits. The chart shows the **Performance** number of incidents per category Hyena Cheetah 1 Adequate staffing Subsistence Leopard Other Predators Commercial 2 Adequate expenditure Other Herbivores Elephant High Value 120 3 Audit attendance 16 100 14 4 NR management plan 12 80 5 Zonation 10 60 6 Leadership 40 7 Display of material 20 8 Event Book modules 9 Event Book quality 2012 2013 2013 2014 2015 2016 2017 2018 2019 2010 2012 2013 2014 2015 2016 2013 2016 2019 2010 10 Compliance 11 Game census Most troublesome problem animals 2018-2020 Traps and firearms recovered number of incidents per category 12 Reporting & adaptive management 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 13 Law enforcement ☐ Firearms recovered The most troublesome species ■Traps/snares recovered 14 Human Wildlife Conflict in 2020 are on the left 35 2.5 The least troublesome species 30 in 2020 are on the right 15 Harvesting management 2 25 16 Sources of NR income 1.5 20 17 Benefits produced 15 10 0.5 18 Resource trends 19 Resource targets 201 2013 2014 2015 2016 2017 2018 2018 2010 Hyaena Houeh... Cheetah Caracal Key to performance indicators Type of damage by problem animals 2018-2020 Arrests and convictions weak/bad the chart shows the number of incidents per category for the last 3 years; reasonable good number of incidents per category the darkest bar (on the right) indicates the current year for each type Performance is assessed on a scoring system from zero (none) to a 250 maximum of between 3 and 6 (strong/excellent) depending on the **■** Convictions 200 12 150 10 Indicators 1-17 reflect the performance of the management team in place in the conservancy and an efficient team can achieve a good 8 100 rating in all 17 indicators. 6 Indicators 18 & 19 are influenced by external factors and are not 50 4 considered a reflection of conservancy management. They indicate the current status of wildlife in the conservancy in relation to a 2 Crop damage Other damage Human attack Livestock theoretical optimal situation. 202 202 202 202 202 202 202 202 202

Wildlife removals – quota use and value

4												
Potential value estimates (N\$) for a		Quota 2020		Animals actually used in 2020				Potential				
single animal: • Potential trophy value - the average	Species	Total	Trophy	Other Use	Trophy	Own Use & Premium	Shoot &	Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Other use Value N\$
trophy value for that species in the conservancy landscape	Crocodile	1	1		1					1	28,800	
	Kudu*	1		1		1				1		10,842
trophy values vary depending on trophy quality, international recognition of the	Leopard	0.33	0.33		1					1	38,900	
hunting operator and the hunting area												
Potential other use value - the average meat value for common species												
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												
s, is shared man sailer solidervallolos												



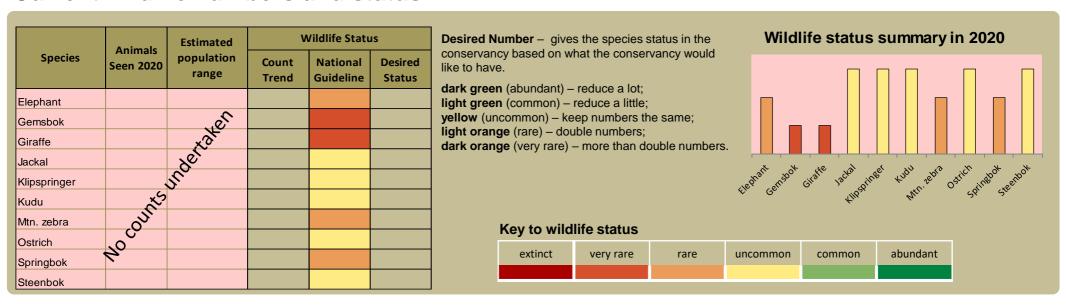
Epupa

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

Natural Resource Report continued...

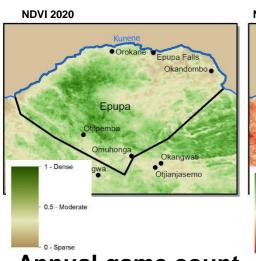
monitoring numbers and trends for a healthy conservancy...

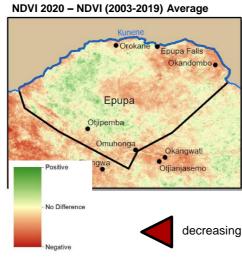
Current wildlife numbers and status



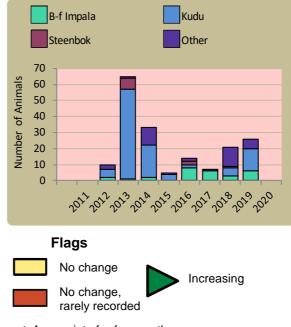
Vegetation monitoring

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 (2003-2019)

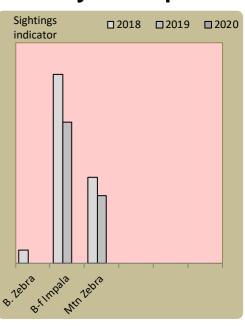




Wildlife mortalities



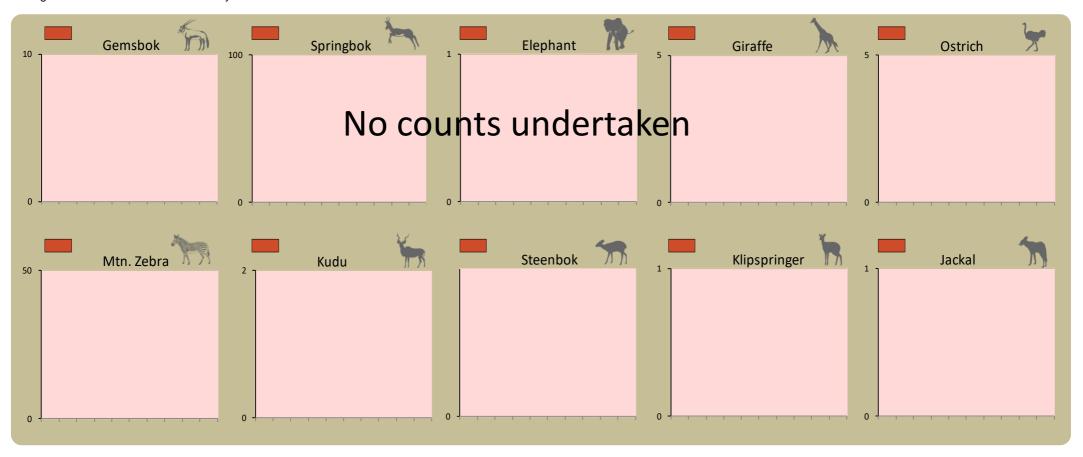
Locally rare species



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

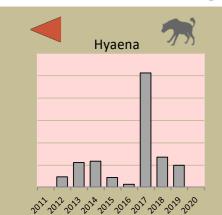
Annual game count Charts show the number of animals seen ea

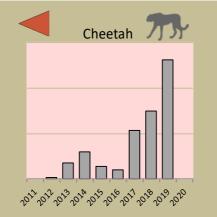
Charts show the number of animals seen each year per 100 km driven during the game count. As a point of reference the dashed horizontal line represents the combined 10 year average in Palmwag and Etendeka concessions. Status flags reflect the general count trend over the last 5 years.



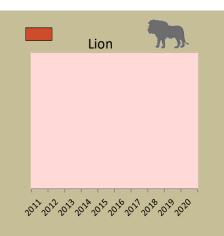
Predator monitoring

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











EpupaInstitutional Report

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Enabling wise conservancy governance...

Conservancy Statistics

Date Registered: October 2012

Population (2011 census): 2970

Size (square kilometres): 2912

Registered members: 617

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

	NG-1-	5	
Number of management committee	Male	Female	Total
members	13	1	14
Attendance at AGM			
Date of the last AGM:			
Date of the next AGM:			
Other important issues			
Budget approved?			
Work plan approved?	×		
Annual conservancy report approved?			

Benefit Distribution

Туре	Description	Beneficiary	Number

Employment

	Male	Female	Total	
Conservancy staff (Incl. CGG & CRM)	19		19	
Number of Community Game Guards	8		8	
Number of Community Resource Monitors				
Lodge staff	12	5	17	

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 conservance	y is adequately engagir	ng 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 manne					
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	Stakeholder engagement The conservancy maintains relationships with key external stakeholders							
6 Financial management			The conservancy is effectively managing its finances					
Colour codes: none weak	modera	te	strong	exceptional	N/A			