

Marienfluss Natural Resource Report



maximising wildlife returns by minimising threats...

Human wildlife conflict Poaching Performance Indicators Management 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 conservancy benefits. The chart shows the subdivided by species, grouped as herbivores and predators **Performance** number of incidents per category 1 Adequate staffing Subsistence Leopard Other Predators Commercial 2 Adequate expenditure Other Herbivores Elephant High Value 3 Audit attendance 2.5 50 4 NR management plan 40 5 Zonation 1.5 6 Leadership 20 7 Display of material 0.5 8 Event Book modules 9 Event Book quality 2013 2014 2015 2016 2017 2018 2019 10 Compliance 11 Game census Traps and firearms recovered Most troublesome problem animals 2018-2020 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 in 2020 are on the left 14 Human Wildlife Conflict 1.2 12 15 Harvesting management 10 1 The least troublesome species in 2020 are on the right 0.8 8 16 Sources of NR income 0.6 17 Benefits produced 0.4 18 Resource trends 0.2 19 Resource targets 202 202 204 202 204 202 204 202 200 Cheetah Hyaena Leopard 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 maximum of between 3 and 6 (strong/excellent) depending on the **■** Convictions 40 3 30 Indicators 1-17 reflect the performance of the management team in place in the conservancy and an efficient team can achieve a good 20 rating in all 17 indicators. Indicators 18 & 19 are influenced by external factors and are not 10 considered a reflection of conservancy management. They indicate the current status of wildlife in the conservancy in relation to a Crop damage Human attack Other damage Livestock theoretical optimal situation. 2013 2014 2015 2016 2011 2018 2019 2020

Wildlife removals – quota use and value

		Overte 2020			Animals actually used in 2020				Potential			
Potential value estimates (N\$) for a		(Quota 2020	U				ally used i	n 2020		Potei	ntial
single animal:	Species	Total	Trophy	Other Use	Trophy	Own Use &	Shoot & Sell	Capture & Sale	Problem Animal	Total Use	Trophy Value N\$	Other use Value N\$
Potential trophy value - the average trophy value for that appairs in the				036		Premium	3611	Q Jaic	Allillai		Value N3	value IVŞ
trophy value for that species in the conservancy landscape	Crocodile	1	1								28,800	
trophy values vary depending on trophy	Gemsbok	8	5	3							4,300	2,916
quality, international recognition of the	Springbok	11	6	5							2,700	702
hunting operator and the hunting area	Mtn Zebra	2	2								6,300	
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												



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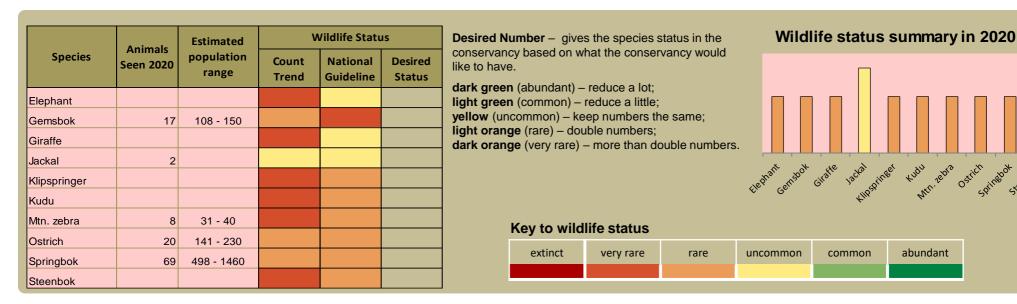
Not all data or species are shown on this report; use your **Event Book** for more information

Natural Resource Report continued...

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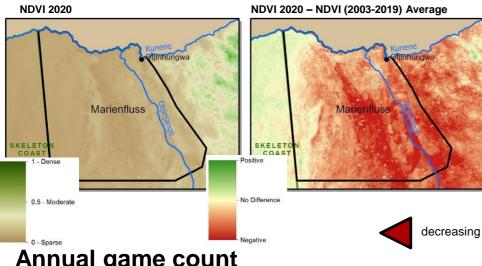
monitoring numbers and trends for a healthy conservancy...

Current wildlife numbers and status

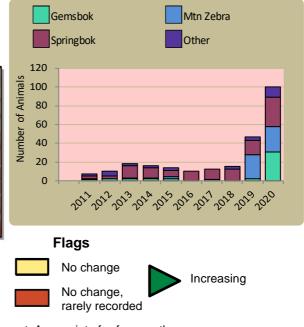


Vegetation monitoring

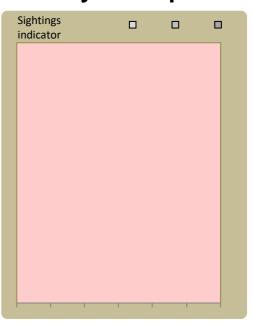
Green vegetation index (NDVI). Maps show vegetation cover during Feb-Apr of the current year and the difference between the current year and the long-term average (2003-2019)



Wildlife mortalities



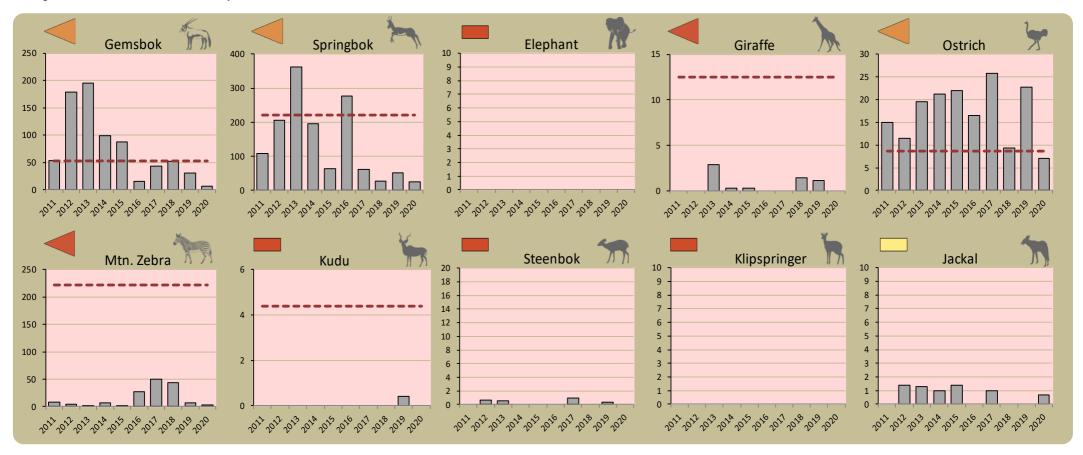
Locally rare species



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

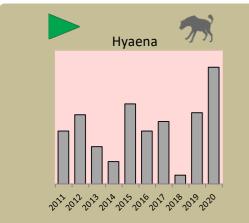
Annual game count

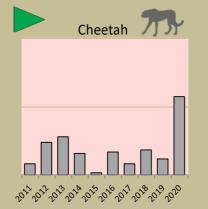
Charts show the number of animals seen each year per 100 km driven during the game count. As a point of reference the dashed horizontal line represents the combined 10 year average in Palmwag and Etendeka concessions. Status flags reflect the general count trend over the last 5 years.

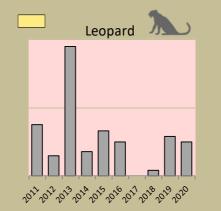


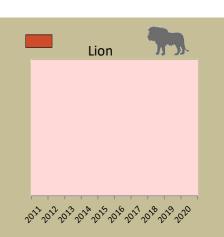
Predator monitoring

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











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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: January 2001

Population (2011 census): 340

Size (square kilometres): 3036

Registered members: 180

Conservancy Governance

	Male	Female	Total
Number of management committee			
members	7	2	9
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?			

Employment

	Male	Female	Total
Conservancy staff (Incl. CGG & CRM)	9	4	13
Number of Community Game Guards	6	2	8
Number of Community Resource Monitors			

Key Compliance Requirements

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

Benefit Distribution

Туре	Description	Beneficiary	Number
Community Devp.	Clinic Building Materials	People	180
Social Benefits	Funeral Support	Households	4
	School Feeding Programme	Children	120
Other Benefits	Hwc Offsets		

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 engagi	ing its members			
2a Benefit planning			The conservancy developed its BDP in a transparent and participatory manner					
2b Benefit distribution	Benefit distribution The conservancy distributes benefits to its members in a fair, transparent and e					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			The conservancy is effectively managing its finances					
Colour codes: none weak	modera	te	strong	exceptional		N/A		