Ombombo-Masitu Natural Resource Report

A1

wildlife returns by minimising threats...

Human wildlife conflict Poaching Indicators performance in 2020 Human wildlife conflict trend Number of incidents per year Commercial poaching is a serious threat to the chart shows the total number of incidents each year, subdivided by species, grouped as herbivores and predators conservancy benefits. The chart shows the **Performance** number of incidents per category Hyena Cheetah uate staffing Subsistence Leopard Other Predators Commercial 2 Adequate expenditure Elephant Other Herbivores High Value 180 3 Audit attendance 1.2 160 4 NR management plan 140 120 5 Zonation 0.8 100 6 Leadership 0.6 80 60 0.4 7 Display of material 40 8 Event Book modules 20 9 Event Book quality 2017 2017 2013 2014 2015 2016 2017 2018 2019 2010 2012 2013 2014 2015 2016 2017 2018 2018 2020 10 Compliance 11 Game census Most troublesome problem animals 2018-2020 Traps and firearms recovered number of incidents per category the chart shows the number of incidents per species for the last 3 years; 12 Reporting & adaptive management 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 60 The least troublesome species 15 Harvesting management 50 1 in 2020 are on the right 0.8 40 16 Sources of NR income 0.6 30 17 Benefits produced 0.4 20 18 Resource trends 0.2 10 19 Resource targets 201 2013 2014 2015 2010 2011 2018 2018 2010 Hyaena Elephant Cheetah Caracal Baboon 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 350 maximum of between 3 and 6 (strong/excellent) depending on the **■** Convictions 300 250 200 Indicators 1-17 reflect the performance of the management team in 150 place in the conservancy and an efficient team can achieve a good rating in all 17 indicators. 100 Indicators 18 & 19 are influenced by external factors and are not 50 considered a reflection of conservancy management. They indicate the current status of wildlife in the conservancy in relation to a Other damage Crop damage Human attack Livestock theoretical optimal situation. 2013 2013 2014 2015 2016 2011 2018 2019 2020

Potential value estimates (N\$) for a single animal:	Species	Quota 2020			Animals actually used in 2020						Potential	
		Total	Trophy	Other	Trophy	Own Use &	Shoot &		Problem	Total Use	Trophy	Other use
Potential trophy value - the average trophy value for that species in the conservancy landscape				Use		Premium	Sell	& Sale	Animal		Value N\$	Value N\$
	Kudu*	1		1								10,84
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												



Ombombo-...

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



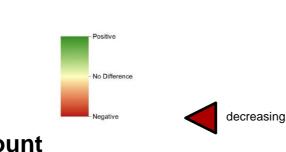
Wildlife status summary in 2020 e same; uble numbers. Lienthalt Gentald Graffe India Graffe India Gentald Graffe India Graffe

Vegetation monitoring

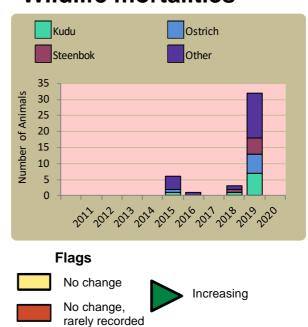
Green vegetation index (NDVI). Maps show vegetation cover during Feb-Apr of the current year and the difference between the current year and the long-term average (2003-2018)

NDVI 2019

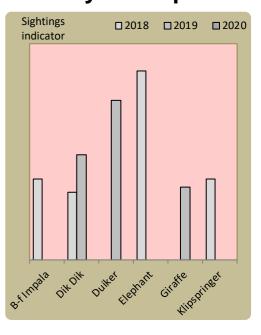
NDVI 2019 - NDVI (2003-2018) Average



Wildlife mortalities



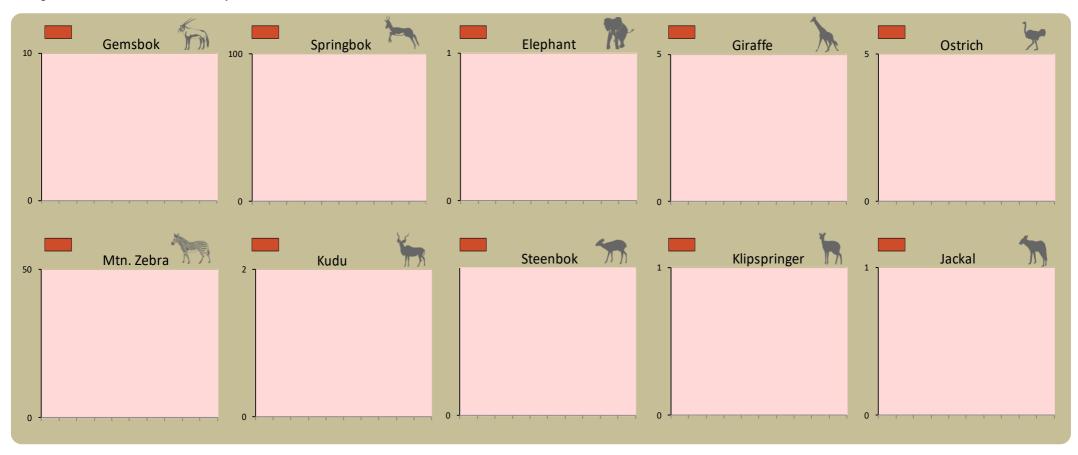
Locally rare species



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

