# Otjindjerese
# Natural Resource Report

## 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: Jackal, Hyena, Cheetah, Leopard, Lion, Other Predators, Elephant, Other Herbivores



### 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



Leopard, Caracal, Jackal

### 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 | | |
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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.
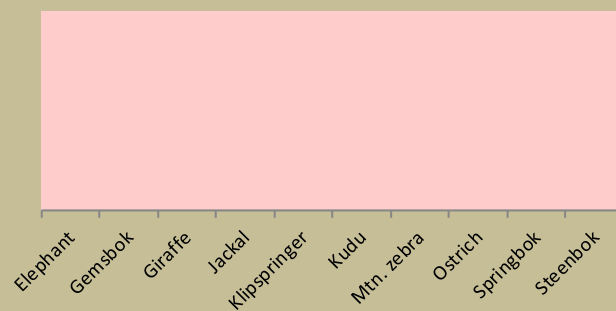
## monitoring numbers and trends for a healthy conservancy…

### Current wildlife numbers and status

| Species | Animals Seen 2019 | Estimated population range | Wildlife Status | | |
|---|---|---|---|---|---|
| | | | Count Trend | National Guideline | Desired Status |
| Elephant | | | | | |
| Gemsbok | | | | | |
| Giraffe | | | | | |
| Jackal | | | | | |
| Klipspringer | | | | | |
| Kudu | | | | | |
| Mtn. zebra | | | | | |
| Ostrich | | | | | |
| Springbok | | | | | |
| Steenbok | | | | | |

**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**

Elephant  Gemsbok  Giraffe  Jackal  Klipspringer  Kudu  Mtn. zebra  Ostrich  Springbok  Steenbok

**Key to wildlife status**

| extinct | very rare | rare | uncommon | common | abundant |
|---|---|---|---|---|---|
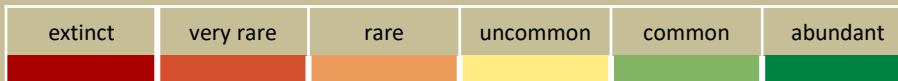
### Vegetation monitoring

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**

Oukongo
Opuwo
Otjindjerese

1 - Dense
0.5 - Moderate
0 - Sparse

**NDVI 2019 – NDVI (2003-2018) Average**

Oukongo
Opuwo
Otjindjerese

Positive
No Difference
Negative

decreasing

### Wildlife mortalities

Jackal

Number of Animals
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

**Flags**

No change
No change, rarely recorded
Increasing

### Locally rare species

Sightings indicator  ☐2017 ☐2018 ☐2019

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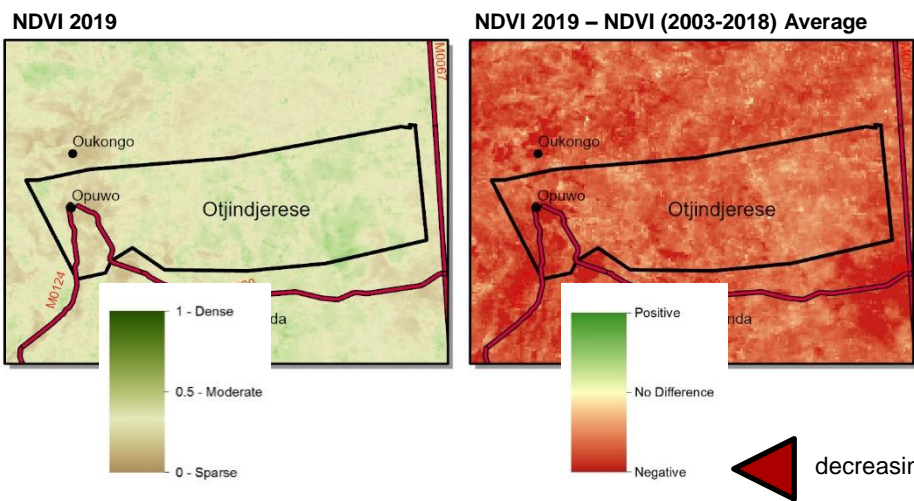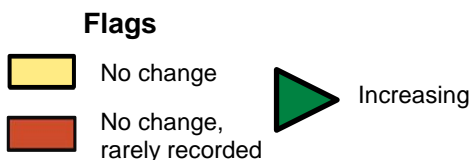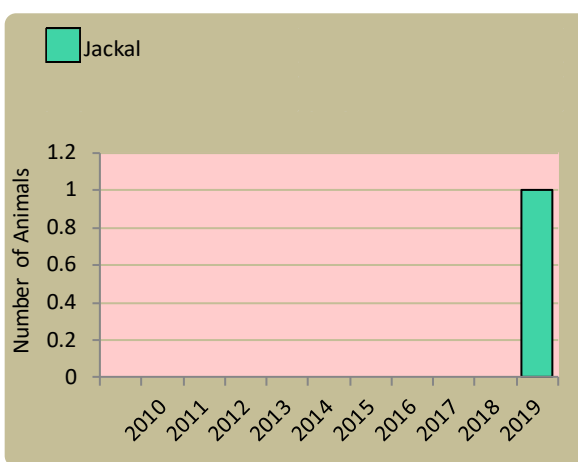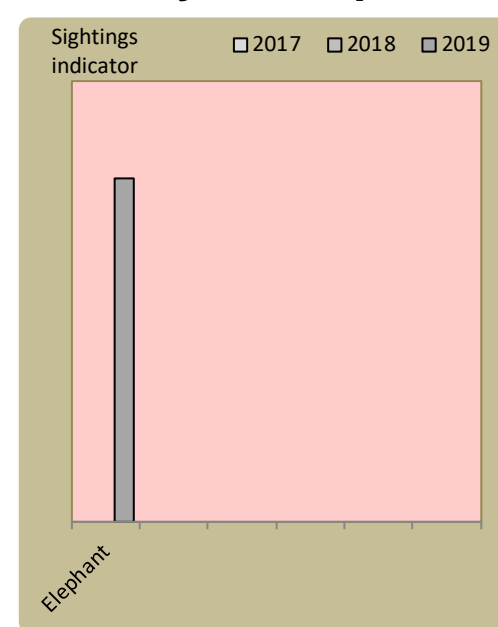
**Locally rare species** are not found very often in the conservancy and need special conservation attention.

### 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.

Gemsbok  Springbok  Elephant  Giraffe  Ostrich

Mtn. Zebra  Kudu  Steenbok  Klipspringer  Jackal

*No game counts undertaken*
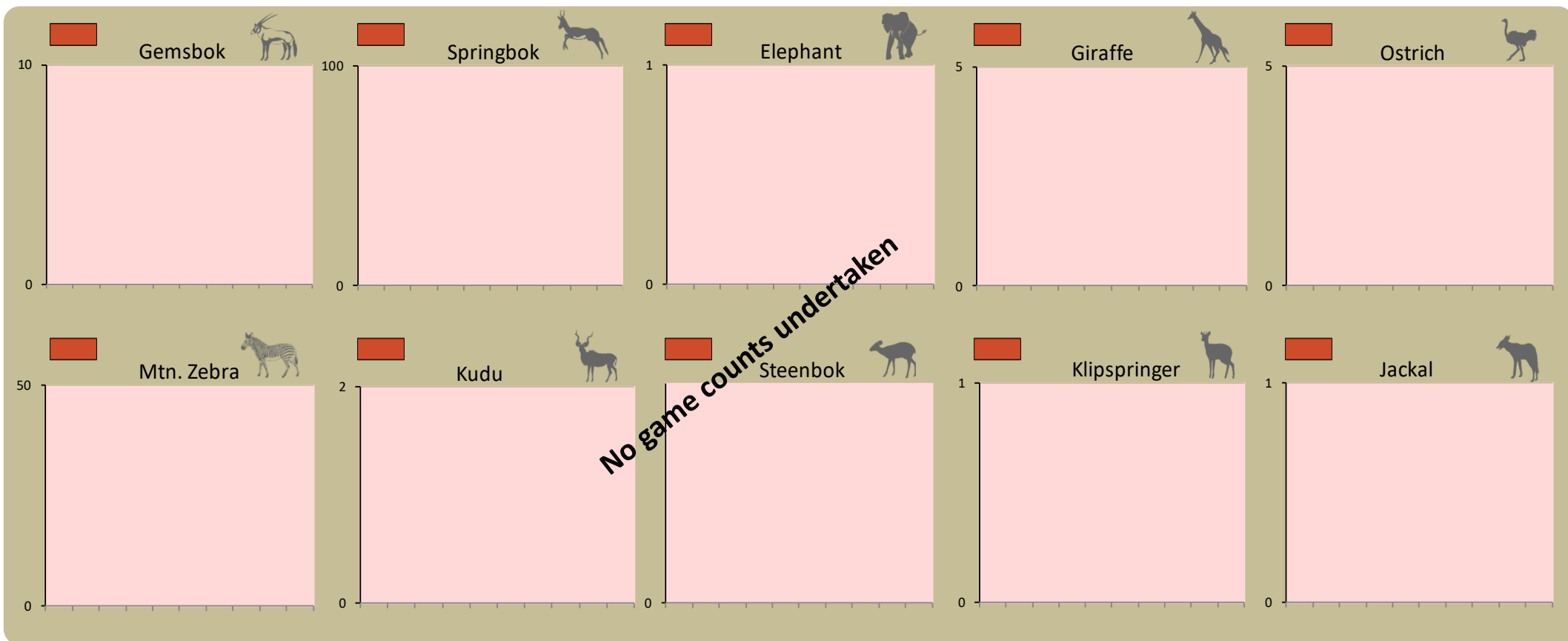
### Predator monitoring

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

Hyaena  Cheetah  Leopard  Lion

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
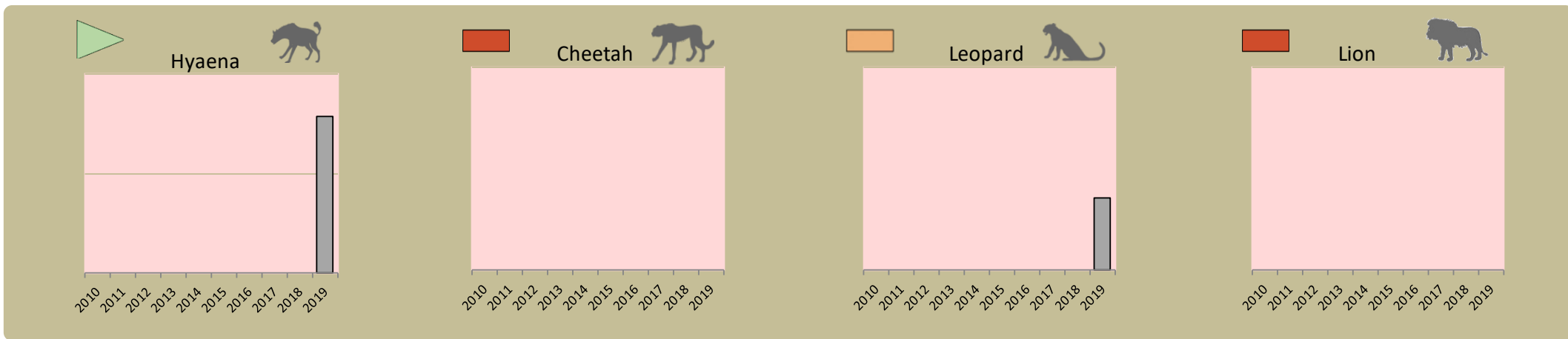
**Wildlife provides a wide range of benefits. Some wildlife can cause conflicts, but all wildlife is of value to tourism, trophy hunting and a healthy environment.**

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

# Otjindjerese
# Institutional Report

*Not all institutional data are shown on this report: use your Governance institution audit for more information*

## Enabling wise conservancy governance…

## Conservancy Statistics

| | |
|---|---|
| Date Registered: | August 2018 |
| Population (2011 census): | 1792 |
| Size (square kilometres): | 731 |
| Registered members: | 380 |

## 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 | 21 | 4 | **25** |
| Attendance at AGM | 60 | 46 | **106** |

| | |
|---|---|
| Date of the last AGM: | **13/11/2019** |
| Date of the next AGM: | **08/2020** |

Other important issues

| | |
|---|---|
| Budget approved? | ✘ |
| Work plan approved? | ✔ |
| Annual conservancy report approved? | |

## Benefit Distribution

| Type | Description | Beneficiary | Number |
|---|---|---|---|
| | | | |

## Employment

| | Male | Female | Total |
|---|---|---|---|
| Conservancy staff (Incl. CGG & CRM) | 7 | | **7** |
| Number of Community Game Guards | 7 | | **7** |
| 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 | strong | | The conservancy is adequately engaging its members |
| 2a Benefit planning | none | | The conservancy developed its BDP in a transparent and participatory manner |
| 2b Benefit distribution | none | | The conservancy distributes benefits to its members in a fair, transparent and equitable manner |
| 3 Accountability | strong | | Conservancy members are holding the management committee accountable |
| 4 Compliance | weak | | The conservancy is compliant with the standard operating proceedures (SOPs) |
| 5 Stakeholder engagement | weak | | The conservancy maintains relationships with key external stakeholders |
| 6 Financial management | N/A | | The conservancy is effectively managing its finances |

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