Annual Natural Resource Report

Wildlife Trends

Game counts

Kudu

2	
1	
0	

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Hippo

2 / 1 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Elephant

2 / 1 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Duiker

2 / 1 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Impala

14 / 12 / 10 / 8 / 6 / 4 / 2 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011
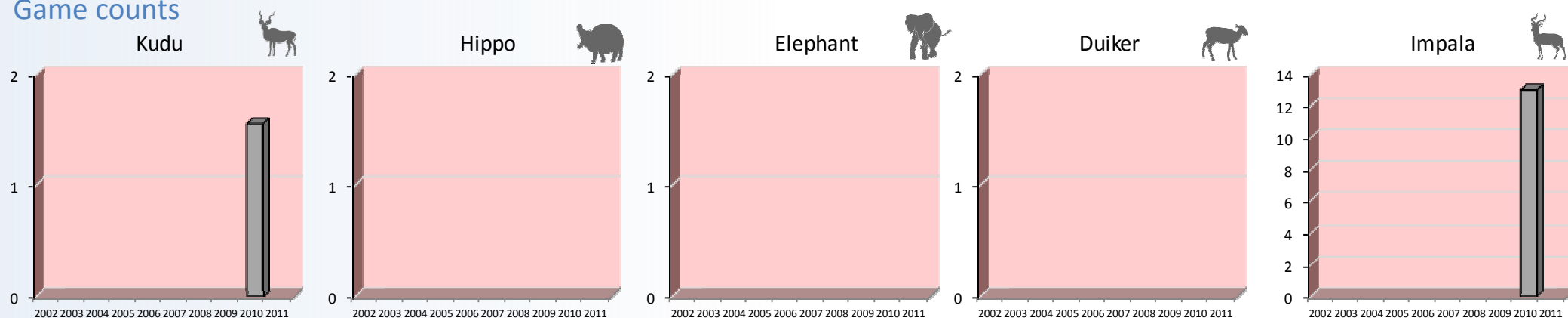
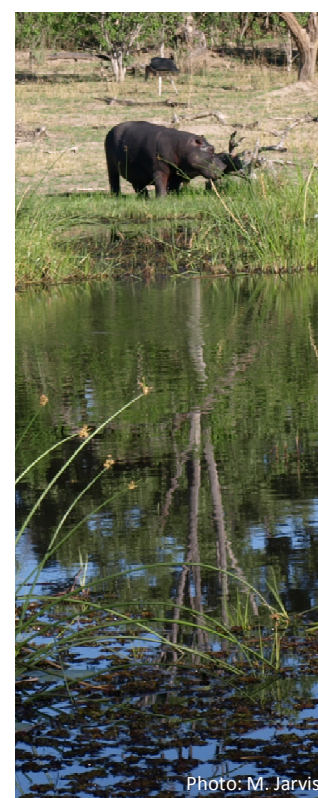*Data from monthly fixed foot patrols. Index calculated as number of sightings per patrol.*

Wildlife Populations

Species	Animals seen	Likely estimate
Kudu	14	
Warthog	12	

Photo: S. Linder

Photo: S. Mayes

Photo: S. Linder

Photo: A. Symonds

Photo: M. Jarvis

Numbers from the annual game count:
Sightings are for the conservancy; estimates are for the area depicted in the map.

Predator sightings

Cheetah

5 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Hyaena

5 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Leopard

2 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Lion

2 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Wild Dog

2 / 1 / 0

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011
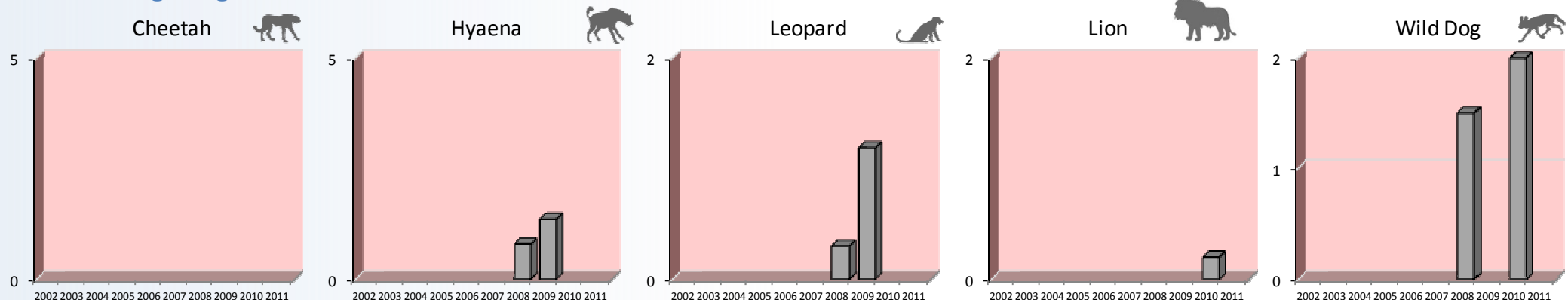
Index calculated as number of sightings per event book.

Locally rare species

Species	Animals seen
Caracal	1
Duiker	82
Eland	10
Elephant	69
Gemsbok	2
Giraffe	34
Impala	531
Kudu	163
Ostrich	32
Roan	24
Steenbok	36

Locally rare species are those which are currently infrequently observed in the conservancy
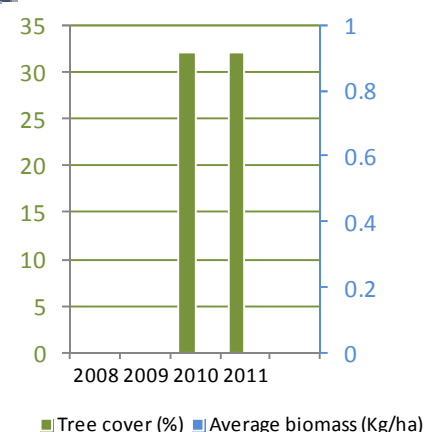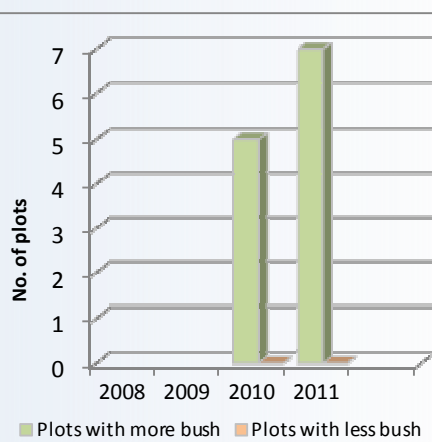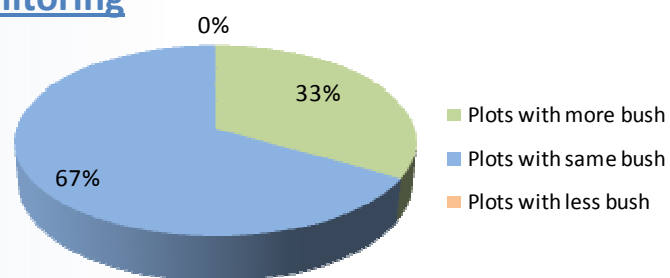
Mortalities

Species	Animals dead
Duiker	1
Elephant	1
Tortise	1

Mortalities are animals found dead during patrols and opportunistic sightings

Environmental monitoring

Vegetation

Pie indicates change in bush cover since monitoring began

- 0%
- 33% — Plots with more bush
- 67% — Plots with same bush
- Plots with less bush

No. of plots

7 / 6 / 5 / 4 / 3 / 2 / 1 / 0

2008 2009 2010 2011

Plots with more bush / Plots with less bush

35 / 30 / 25 / 20 / 15 / 10 / 5 / 0   1 / 0.8 / 0.6 / 0.4 / 0.2 / 0

2008 2009 2010 2011

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

Wildlife Use

Species	Quota		Utilisation					Total Used
	Total	Trophy	Own Use / Premium	Trophy	Shoot & Sell	Capture	Problem Animal	
Duiker			2					2
Gemsbok			1					1
Kudu			3					3
Steenbok			3					3

Wildlife Introductions

Year	Species	Number
2009	Burchell's zebra	21
2009	Eland	20
2009	Impala	99
2009	Kudu	49

Photo: T. Robertson   Photo: S. Linder   Photo: S. Mayes   Photo: S. Linder   Photo: S. Linder

Natural Resource Management

Performance:

Category	Score	Performance
		Weak ··········· Good
1 Adequate staffing	2	
2 Adequate expenditure	2	
3 Audit attendance	3	
4 NR management plan	2	
5 Zonation	3	
6 Leadership	1	
7 Display of material	2	
8 Event Book modules	3	
9 Event Book quality	2	
10 Compliance	3	
11 Game census	1	
12 Reporting & adaptive m/ment	1	
13 Law enforcement	3	
14 HWC	3	
15 Sources of NR income	2	
16 Benefits produced	2	
17 Resource Sustainability	2	

Red bars indicate weak areas in the conservancy management performance which need to be addressed. Green bars indicate positive management performance.

Effort:

Number of Community Game Guards: 11

Environmental monitoring

Rainfall (mm)
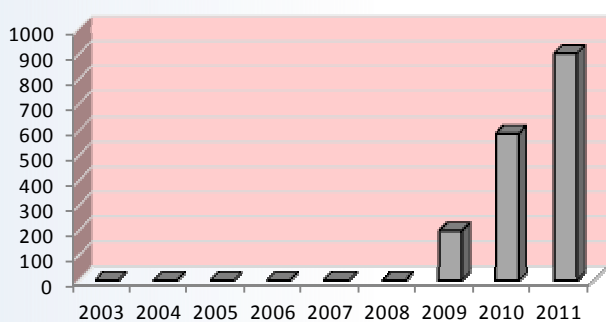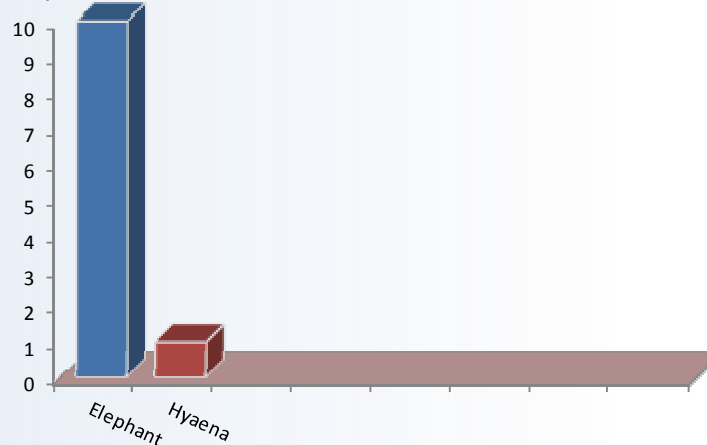

Years with no bars indicate gaps in data collection
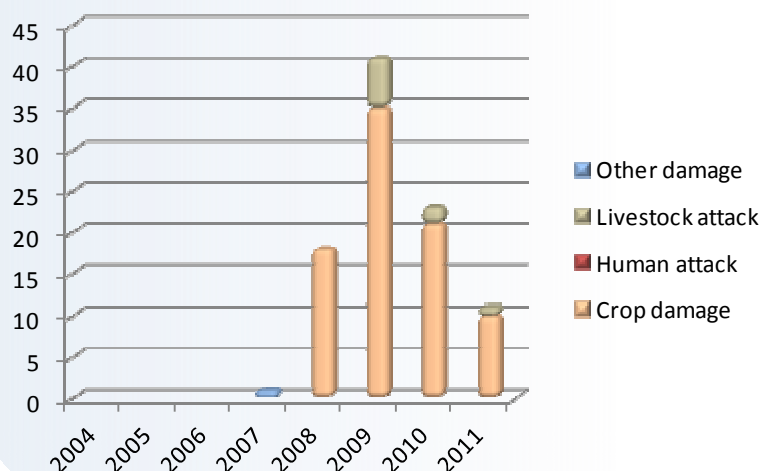
Threats

Human-Wildlife Conflict

Incidents

Species	2004	2005	2006	2007	2008	2009	2010	2011
Antelope						3	7	
Baboon					1			
Elephant				1	13	19	8	10
Hyaena								1
Leopard						7		
Pigs						5	1	
Porcupine						12	1	
Wild dog							2	

Species

Damage

Poaching

Incidents

□ Commercial   ■ Subsistence

■ Snares and traps recovered
□ Firearms recovered

○ Arrests   ·········· Convictions
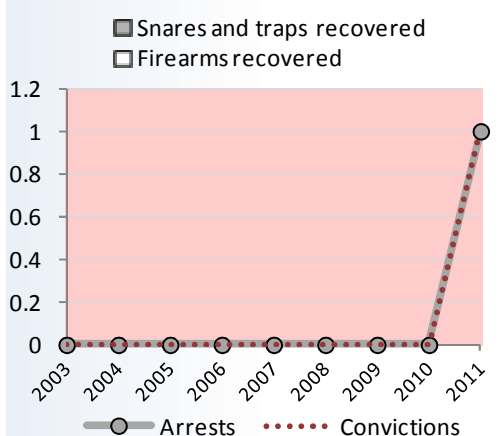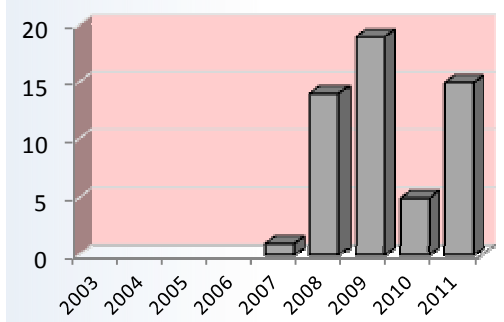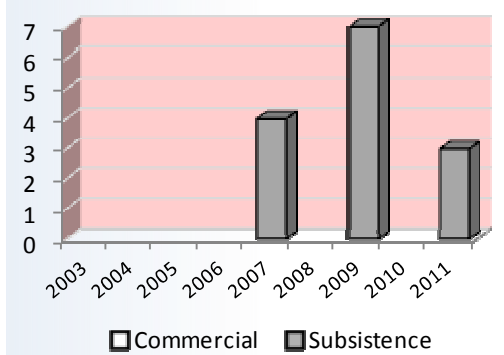
The species chart indicates the most troublesome to least troublesome conflict species in the conservancy. The Y-axis in HWC and poaching charts represents number of incidents.