

# GONDWANA NAMIB PARK

## GAME COUNT June 2015

### Objectives of Counting

#### 1 To estimate the total numbers of game

HOW MANY?

- estimating biomass to manage the veld conditions and inter-species competition
- setting reasonable off-take quotas
- determining the value of the Park's wildlife
- providing information to visitors

#### 2 Produce wildlife distribution maps

WHERE ARE THEY?

- tracking distribution changes in response to rainfall or human factors such as water distribution, removal of fences etc.
- land-use planning and zonation
- monitoring veld condition in areas of high game concentration

#### 3 Monitor population changes

IS WILDLIFE INCREASING OR DECREASING?

- monitor changes per species
- assist management to achieve its objectives for wildlife management, biodiversity conservation and the protection of rare / vulnerable species

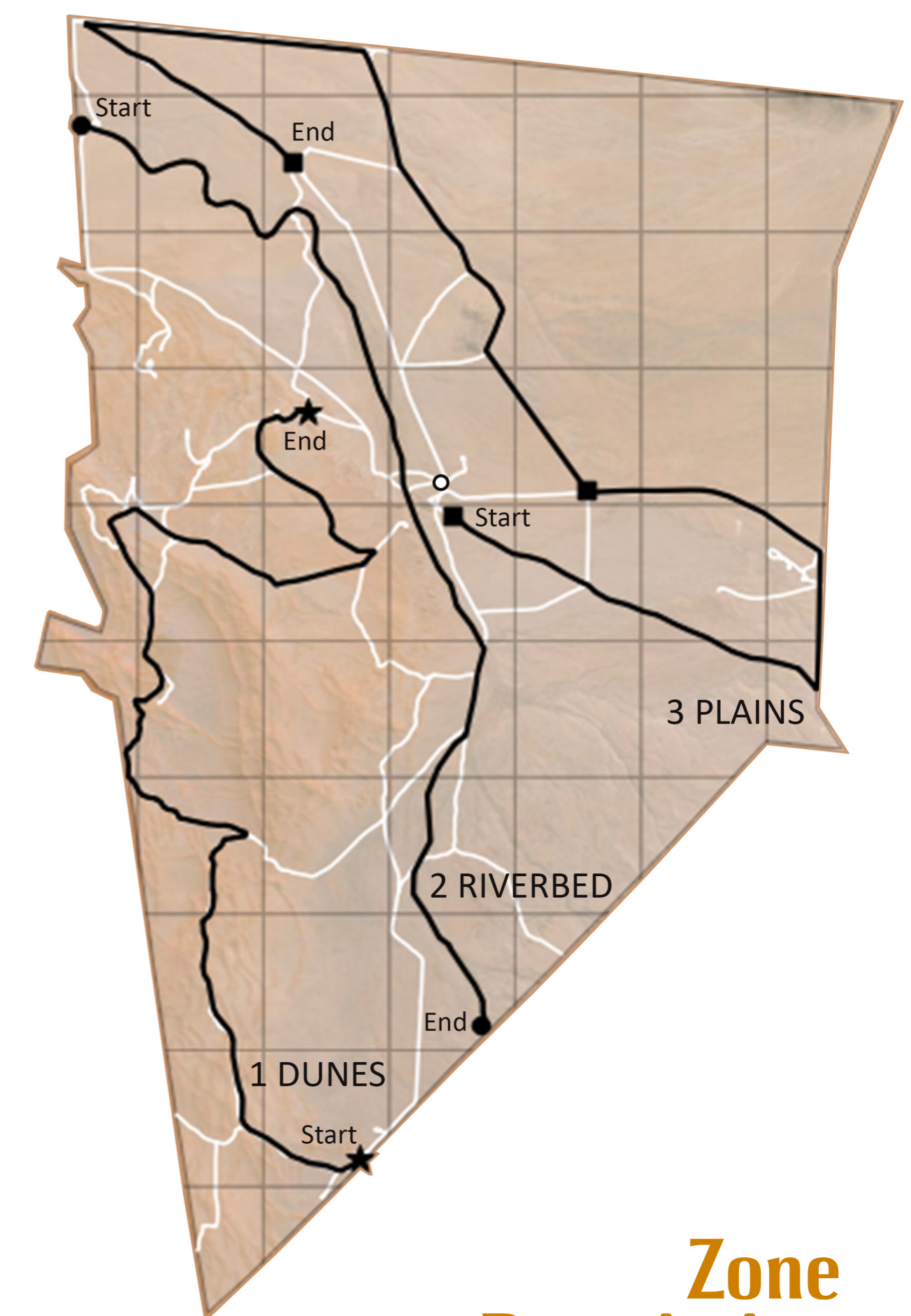
### Correction Factors

Route details	Zones Correction Factors			Species	Correction Factors
	1 Dunes	2 River	3 Plains		
Route length (km)	24	17,5	27	Oryx	1,2
Route width (km)	1	1	1	Ostrich	1,1
Area samples (km <sup>2</sup> )	24	17,5	27	Springbok	1,6
Area of zone (km <sup>2</sup> )	29	37	62	Kudu	1,2
% of zone sampled	82,8	47,3	43,5	Steenbok	10
Area correction factor	1,2	2,1	2,3	Black-backed Jackal	2
				Warthog	1,8

### Wildlife Population Estimates

Species	Zones & population estimates			Total
	1: Dunes	2: River	3: Plains	
Oryx	102	396	55	552
Ostrich	0	9	5	14
Springbok	41	74	4	119
Kudu	0	0	0	0
Steenbok	0	21	0	21
Black-backed Jackal	0	8	0	8
Warthog	0	11	0	11
<b>Total</b>	<b>142</b>	<b>521</b>	<b>64</b>	<b>726</b>

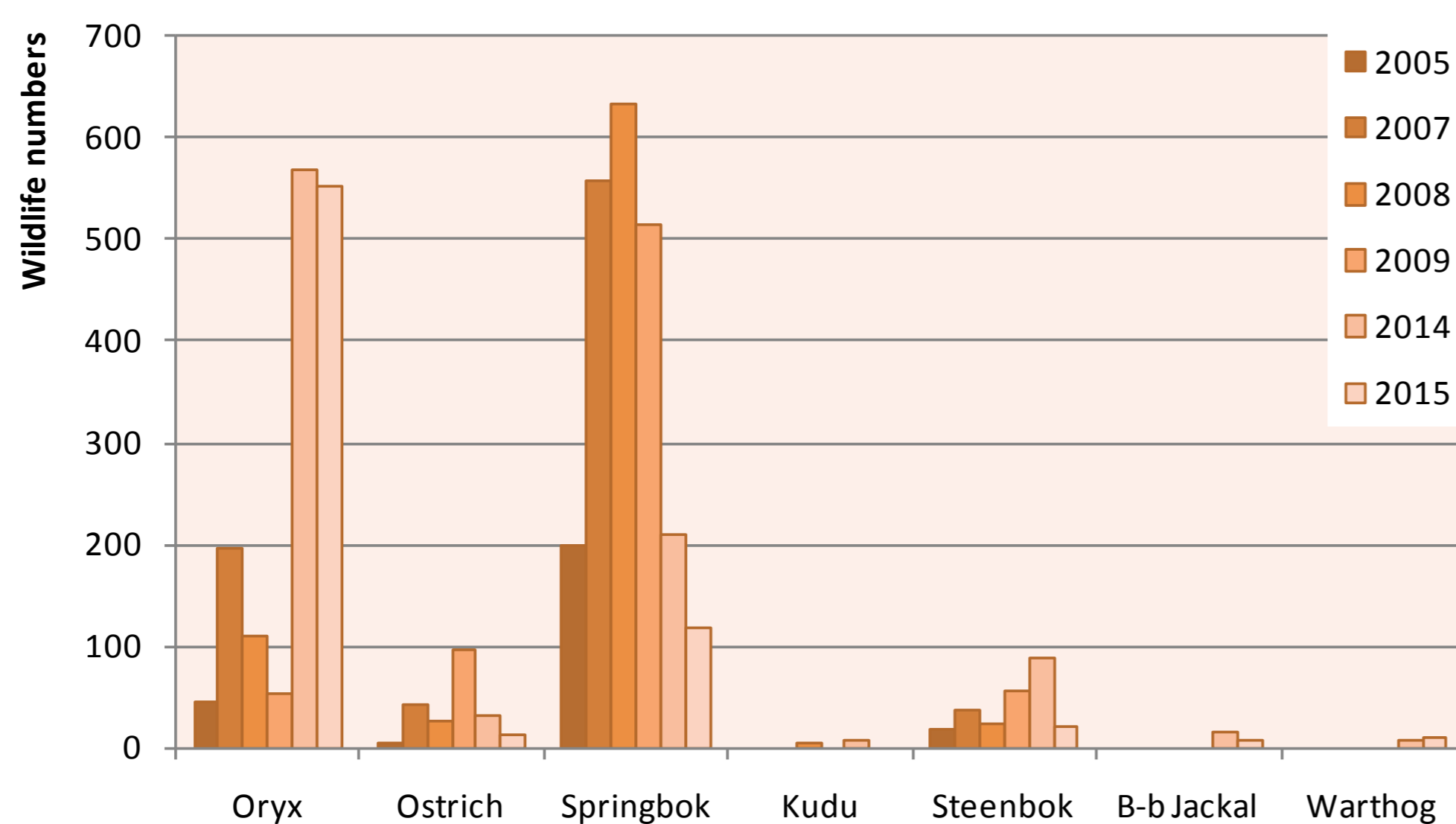
### Game Count Routes



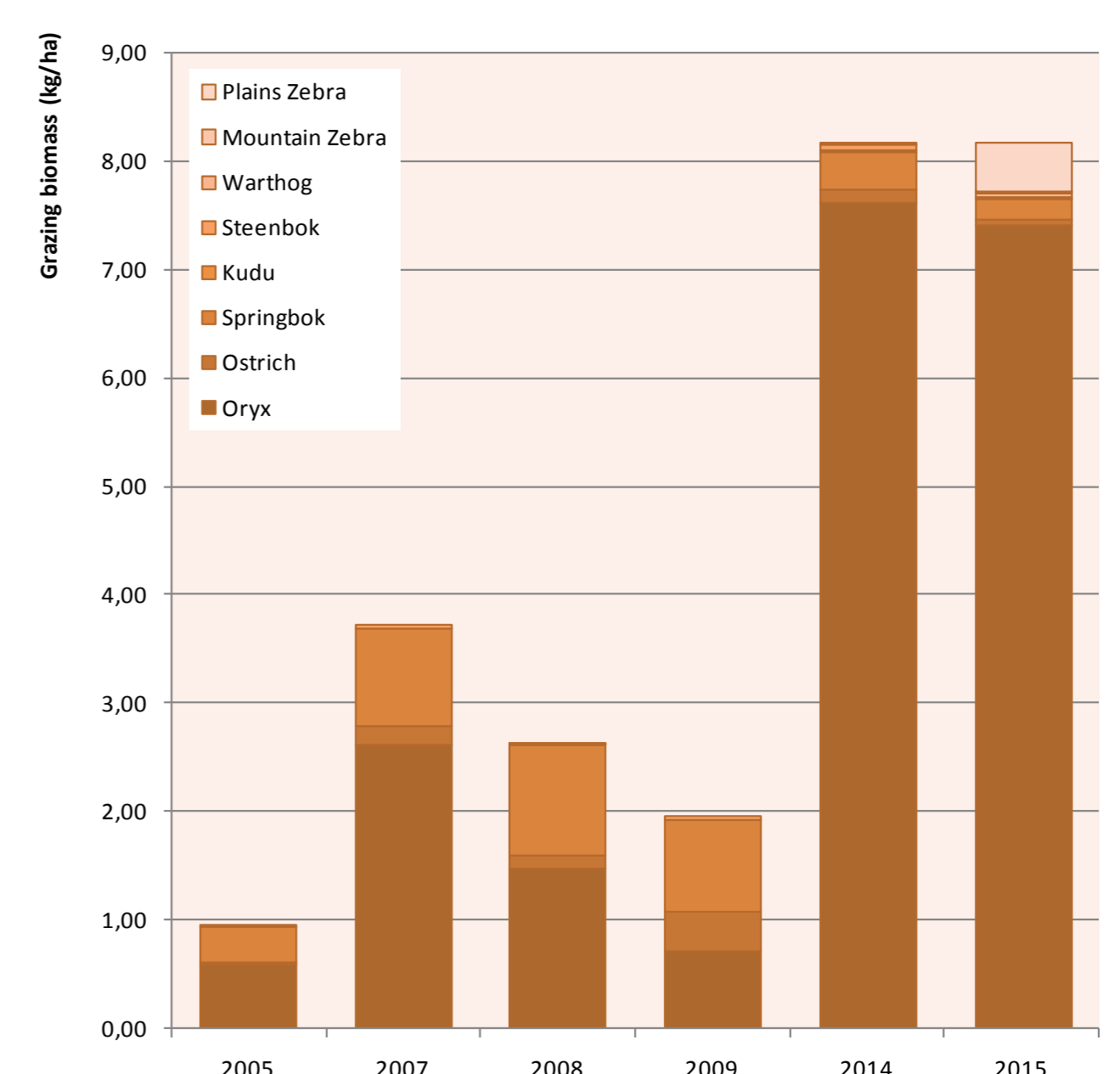
#### Zone Description

- 1 DUNES** Fossilized dunes and sand-sea to the west of the park
- 2 RIVERBED** Ephemeral riverbed that runs from north-west to the southern boundary
- 3 PLAINS** Sandy and stoney plains in the north-eastern part of the GNP

### Changes in Population Numbers



### Wildlife grazing biomass



Gondwana Namib Park wants to say Thank You to everybody involved!

For more information please contact:  
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