

Ecography

**E7333**

Chirima, G. J., Owen-Smith, N., Erasmus, B. F. N. and Parrini, F. 2012. Distributional niche of relatively rare sable antelope in a South African savanna: habitat versus biotic relationships. – *Ecography* 35: xxx–xxx.

**Supplementary material**

## Appendix 1

Table A1. Summary of landscapes and land types of Kruger Park (after Gertenbach 1983 and Venter 1990)

Landscape	Land type	Geology
Mixed mopane - teak - bushwillow woodland	Mopane - teak - bushwillow (tree/bush savanna)	Sandstone
Mopane shrubveld	Mopane shrub savanna	Basalt
Mountain bushveld (Rhyolite)	Mountain bushveld (euphorbia - bushwillow)	Rhyolite
Sand camwood - silver clusterleaf shrubveld or bush savanna	Sand camwood - silver clusterleaf shrubveld or bush savanna	Aeolian sands
Mopane-knob thorn savanna woodland	Mopane - knob thorn savanna	Granite
	Mopane - bushwillow savanna	Granite
	Mopane - silver clusterleaf woodland	Granite
Thorn veld	Thorn veld	Gabbro
Sourveld (silver clusterleaf - sickle bush)	Sour bushveld	Granite
Delagoa thorn thicket	Delagoa thorn thickets	Karoo sediments & shales
Marula - knob thorn	Marula-knob thorn savanna	Basalt
Mountain bushveld (Granite)	Mountain bushveld (bushwillow-silver cluster-leaf)	Granite
Mixed bushwillow - silver clusterleaf woodland	Mixed bushwillow - silver clusterleaf savanna	Granite
Mixed mopane - bushwillow woodland		
Thickets of the Sabi and Crocodile Rivers	Dense bush savanna bushwillow - silver clusterleaf - knob thorn - sickle bush	Granite

## Appendix 2

Figure A1. Distribution of local sable densities within aerial survey blocks covering 142-480 km<sup>2</sup>, contrasting regions with high aggregate prey biomass for lions (>800 kg km<sup>-2</sup>) against those with low aggregate prey biomass for lions (<800 kg km<sup>-2</sup>) (Comparative Chi-square = 0.112, *P* = 0.081)

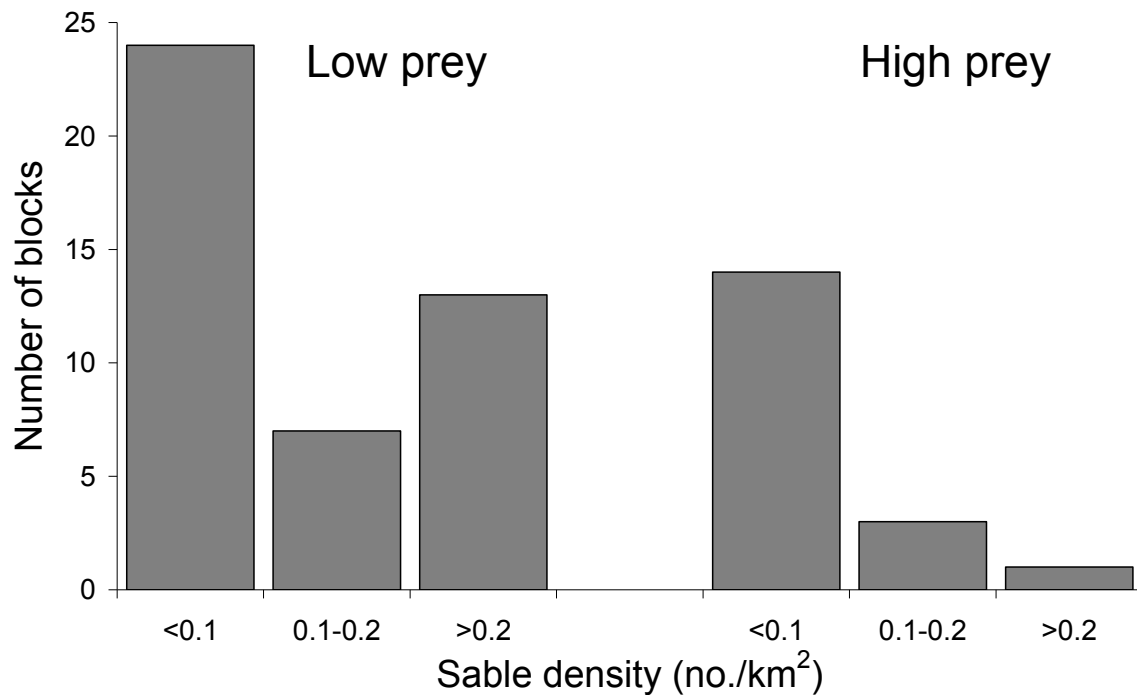


Figure A2. Local densities of sable herds within blocks used for the ecological aerial surveys, plotted in relation to the separate local densities of impala, wildebeest, zebra and buffalo (no/km<sup>2</sup>).

