

# Suricata suricatta, Meerkat

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### **Taxonomy**

| Kingdom  | Phylum   | Class    | Order     | Family      |
|----------|----------|----------|-----------|-------------|
| Animalia | Chordata | Mammalia | Carnivora | Herpestidae |

Taxon Name: Suricata suricatta (Schreber, 1776)

### Common Name(s):

• English: Meerkat, Slender-tailed Meerkat, Suricate

• French: Suricate

### **Assessment Information**

Red List Category & Criteria: Least Concern ver 3.1

Year Published: 2015

**Date Assessed:** February 28, 2015

#### Justification:

It is listed as Least Concern because this species is relatively widespread within southern Africa, present in several protected areas, and there are no major threats.

#### **Previously Published Red List Assessments**

2008 - Least Concern (LC) - http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T41624A10518954.en

1996 – Lower Risk/least concern (LR/Ic)

## **Geographic Range**

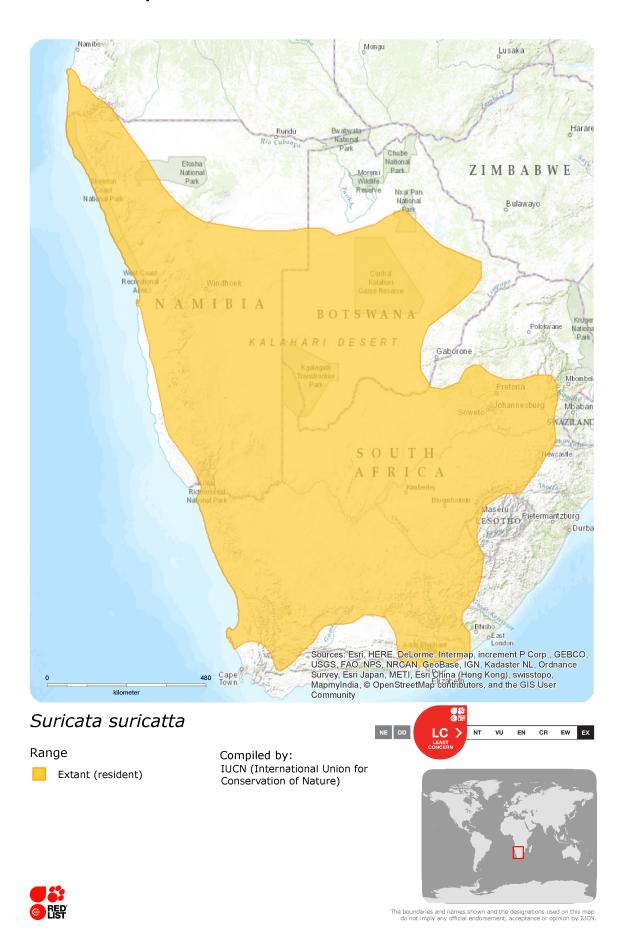
#### **Range Description:**

This species is widespread in the western parts of southern Africa, including western and southern Namibia, southwestern Botswana, and north and west South Africa, with a very marginal intrusion into extreme southwestern Angola (Macdonald 2013). Lynch (1994) suggested that this species may occur in the lowlands of Lesotho, but there have been no records so far (N. Avenant pers. comm. 2013).

### **Country Occurrence:**

Native: Angola (Angola); Botswana; Namibia; South Africa

## **Distribution Map**



**Population** 

Densities can fluctuate greatly across the range, and are influenced by rainfall and predation. In the Kgalagadi Transfrontier Park, South Africa, densities declined from one individual/km<sup>2</sup> in April 1994 to

0.32 individual/km<sup>2</sup> in May 1995 following a reduction in rainfall (Clutton-Brock et al. 1999).

**Current Population Trend: Stable** 

Habitat and Ecology (see Appendix for additional information)

This is an inhabitant of arid, open country, characterised by short grasses and sparse woody growth. It is absent from true desert and forested areas, and also from mountainous terrain (Macdonald 2013). It is

carnivorous, feeding mostly on invertebrates.

**Systems:** Terrestrial

Use and Trade

This species is not used.

**Threats** 

There are no major threats to the species. There is currently no evidence that infection with tuberculosis (probably Mycobacterium bovis), which may be common in this species (Drewe 2010), has led to any direct persecution in farming areas, or that a present small trade in Meerkats as pets has affected wild populations.

**Conservation Actions** (see Appendix for additional information)

It is present in several large and well-managed protected areas, including the Kgalagadi Transfrontier Park.

**Credits** 

Assessor(s):

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Reviewer(s):

Duckworth, J.W. & Hoffmann, M.

Contributor(s):

Macdonald, D.

### **Bibliography**

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Drewe, J.A. 2010. Who infects whom? Social networks and tuberculosis transmission in wild meerkats. *Proceedings of the Royal Society B: Biological Sciences* 277: 633-642.

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Lynch, C.D. 1994. The mammals of Lesotho. *Navorsinge van die Nasionale Museum Bloemfontein* 10(4): 177-241.

Macdonald, D.W. 2013. *Suricata suricatta* Meerkat (Suricate). In: J. Kingdon and M. Hoffmann (eds), *The Mammals of Africa. V. Carnivores, Pangolins, Equids and Rhinoceroses*, pp. 347-352. Bloomsbury, London, UK.

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### **External Resources**

For Images and External Links to Additional Information, please see the Red List website.

# **Appendix**

### **Habitats**

(http://www.iucnredlist.org/technical-documents/classification-schemes)

| Habitat  | Season | Suitability | Major<br>Importance? |
|--|--------|-------------|----------------------|
| 2. Savanna -> 2.1. Savanna - Dry                                       | -      | Suitable    | -                    |
| 3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry              | -      | Suitable    | -                    |
| 3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation | -      | Suitable    | -                    |
| 4. Grassland -> 4.5. Grassland - Subtropical/Tropical Dry              | -      | Suitable    | -                    |
| 8. Desert -> 8.1. Desert - Hot   | -      | Suitable    | -                    |

## **Conservation Actions in Place**

(http://www.iucnredlist.org/technical-documents/classification-schemes)

| Conservation Actions in Place                 |  |
|---|--|
| In-Place Land/Water Protection and Management |  |
| Occur in at least one PA: Yes                 |  |

### **Additional Data Fields**

| Population                         |  |  |
|------------------------------------|--|--|
| Population severely fragmented: No |  |  |
| Habitats and Ecology               |  |  |
| Generation Length (years): 6       |  |  |

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