

The IUCN Red List of Threatened Species™ ISSN 2307-8235 (online) IUCN 2008: T136437A45221360

# Genetta pardina, Pardine Genet

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**Citation:** Gaubert, P. & Do Linh San, E. 2016. *Genetta pardina. The IUCN Red List of Threatened Species 2016*: e.T136437A45221360. <u>http://dx.doi.org/10.2305/IUCN.UK.2016-1.RLTS.T136437A45221360.en</u>

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### Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Mammalia	Carnivora	Viverridae

Taxon Name: Genetta pardina I. Geoffroy Saint-Hilaire, 1832

#### Common Name(s):

- English: Pardine Genet, West African Large-spotted Genet
- French: Genette à grandes taches d'Afrique de l'Ouest, Genette pardine

#### **Taxonomic Notes:**

This species has been considered synonymous with other large-spotted genets (here treated as *Genetta maculata* and *G. tigrina*), but is here recognised as distinct following Crawford-Cabral (1980), Gaubert (2003), and Gaubert *et al.* (2004a,b).

### **Assessment Information**

Red List Category & Criteria:	Least Concern ver 3.1		
Year Published:	2016		
Date Assessed:	February 28, 2015		

### Justification:

Listed as Least Concern because the species is common within a relatively wide distribution range in West Africa, and occurs in a variety of habitats. It is not believed to be declining at a rate fast enough to warrant listing in a higher category of threat. However, with the availability of further information, specifically on the adaptability of this species to disturbed habitats, and given the impact of hunting, this species may require reassessment.

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

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2008 – Least Concern (LC) – http://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T136437A4291498.en
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## **Geographic Range**

### **Range Description:**

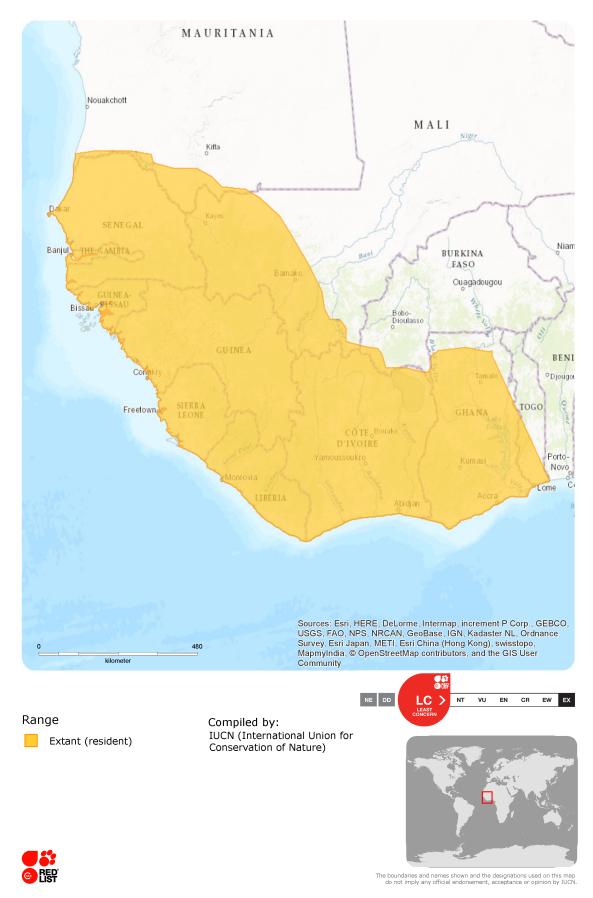
Ranges from Senegal to Ghana, although the eastern boundary is uncertain (Gaubert and Dunham 2013). Crawford-Cabral (1980) suggested the Volta R. as a possible barrier to the species, but it cannot be excluded that it is also present in Togo and Benin, as individuals with *G. pardina* phenotype have been observed in both countries (P. Gaubert pers. obs. 2003). The species might also be present in Mauritania, but we do not know of any published records.

#### **Country Occurrence:**

Native: Burkina Faso; Côte d'Ivoire; Gambia; Ghana; Guinea; Guinea-Bissau; Liberia; Mali; Senegal; Sierra Leone

## **Distribution Map**

Genetta pardina



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## Population

Believed to be common. Night-time field searches carried out from a vehicle in Niokolo–Koba N. P. in Senegal resulted in an estimated frequency of occurrence of 0.7 individual/100 km (Sillero-Zubiri and Marino 1997).

Current Population Trend: Unknown

### Habitat and Ecology (see Appendix for additional information)

Present in a wide range of habitats; usually restricted to primary and secondary rainforests, gallery forests and moist woodlands, but also occurs in forest plantations, bush-lands and suburban areas (Coe 1975, Hoppe-Dominik 1990, Sillero-Zubiri and Marino 1997, Gaubert and Dunham 2013).

Systems: Terrestrial

## Use and Trade

Used as bushmeat.

### Threats (see Appendix for additional information)

There are no known major threats. Pardine Genets have been recorded from bushmeat markets, but it is suspected that the related offtake is not threatening local populations.

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

Present in several protected areas across the range.

## Credits

Assessor(s):Gaubert, P. & Do Linh San, E.Reviewer(s):Duckworth, J.W. & Hoffmann, M.Contributor(s):Dunham, A.

# Bibliography

Coe, M. 1975. Mammalian ecological studies on Mount Nimba, Liberia. Mammalia 39: 523-587.

Crawford-Cabral, J. 1980. The classification of the genets (Carnivora, Viverridae, genus *Genetta*). *Boletim da Sociedade Portuguesa de Ciências Naturais* 20: 97-114.

Gaubert, P. 2003. Description of a new species of genet (Carnivora; Viverridae; genus *Genetta*) and taxonomic revision of forest forms related to the Large-spotted Genet complex. *Mammalia* 67: 85-108.

Gaubert, P. and Dunham, A.E. 2013. *Genetta pardina* Pardine Genet (West African Large-spotted Genet). In: J. Kingdon and M. Hoffmann (eds), *The Mammals of Africa. V. Carnivores, Pangolins, Equids and Rhinoceroses*, pp. 237-238. Bloomsbury, London, UK.

Gaubert, P., Fernandes, C.A., Bruford, M.W. and Veron, G. 2004. Genets (Carnivora, Viverridae) in Africa: an evolutionary synthesis based on cytochrome b sequences and morphological characters. *Biological Journal of the Linnean Society* 81: 589-610.

Gaubert, P., Volobouev, V.T., Aniskin, V.M., Dunham, A.E. and Cremière, C. 2004. Karyotype of the rare Johnston's genet *Genetta johnstoni* (Viverridae) and a reassessment of chromosomal characterization among congeneric species. *Acta Theriologica* 49: 457-464.

Hoppe-Dominik, B. 1990. On the occurrence of the Honey-badger (*Mellivora capensis*) and the viverrids in the Ivory Coast. *Mustelid & Viverrid Conservation* 3: 9-13.

IUCN. 2016. The IUCN Red List of Threatened Species. Version 2016-1. Available at: <u>www.iucnredlist.org</u>. (Accessed: 30 June 2016).

Sillero-Zubiri, C. and Marino, J. 1997. The status of small carnivore species in Niokolo-Koba National Park, Senegal. *Small Carnivore Conservation* 17: 15-19.

# Citation

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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 Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	-	Suitable	-
2. Savanna -> 2.1. Savanna - Dry	-	Suitable	-
2. Savanna -> 2.2. Savanna - Moist	-	Suitable	-
3. Shrubland -> 3.6. Shrubland - Subtropical/Tropical Moist	-	Suitable	-
14. Artificial/Terrestrial -> 14.3. Artificial/Terrestrial - Plantations	-	Marginal	-
14. Artificial/Terrestrial -> 14.5. Artificial/Terrestrial - Urban Areas	-	Marginal	-

## Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.1. Hunting & trapping terrestrial animals -> 5.1.1. Intentional use (species is the target)	Ongoing	Unknown	Unknown	Unknown
	Stresses:	2. Species Stresses -> 2.1. Species mortality		

# **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

## **Research Needed**

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

#### **Research Needed**

1. Research -> 1.1. Taxonomy

1. Research -> 1.5. Threats

# **Additional Data Fields**

### Population

Population severely fragmented: No

#### Habitats and Ecology

Generation Length (years): 4

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