

Trioceros chapini, Chapin's Chameleon

Assessment by: Pauwels, O.S.G. & Carpenter, A.I.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia	Squamata	Chamaeleonidae

Taxon Name: Trioceros chapini (De Witte, 1964)

Synonym(s):

• Chamaeleo chapini De Witte, 1964

Common Name(s):

• English: Chapin's Chameleon, Gray Chameleon

• French: Caméléon de Chapin

Assessment Information

Red List Category & Criteria: Least Concern ver 3.1

Year Published: 2013

Date Assessed: June 30, 2009

Justification:

Trioceros chapini has been assessed as Least Concern in view of its large distribution and apparent lack of major widespread threats. Further research should be carried out as the full extent of its distribution is not yet known.

Geographic Range

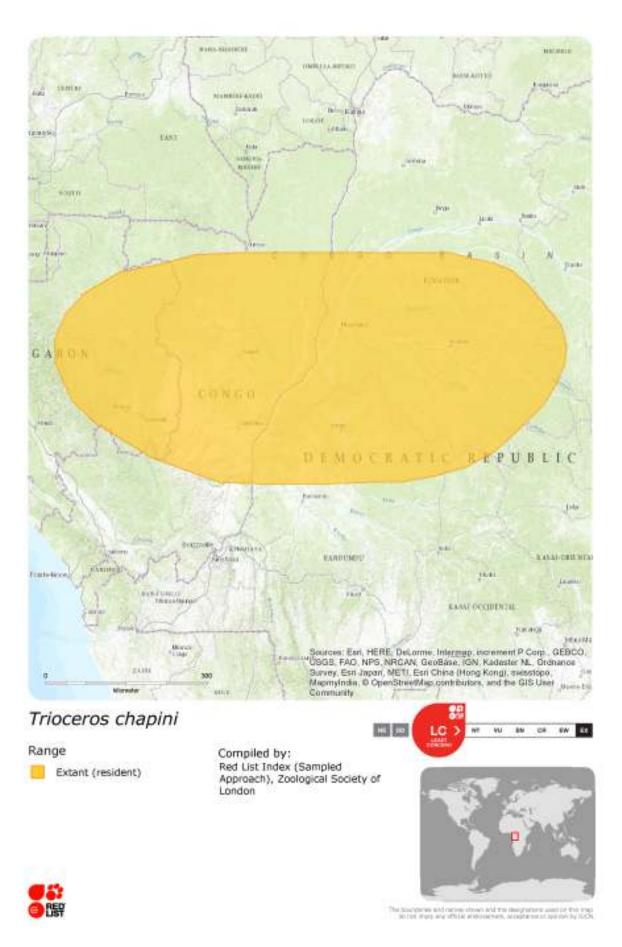
Range Description:

This species is known from the Democratic Republic of the Congo and is thought to be distributed throughout Congo and Gabon to Equatorial Guinea (Watkins-Colwell and de Leon 2003). The extent of occurrence is estimated as exceeding 560,000 km².

Country Occurrence:

Native: Congo; Congo, The Democratic Republic of the; Equatorial Guinea (Equatorial Guinea (mainland)); Gabon

Distribution Map



Population

There are no population data available for this species.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

From its range, this species is presumed to inhabit mid-altitudinal tropical rainforest. In Gabon, it was never found under 500m asl (Pauwels & Vande weghe, 2008).

Systems: Terrestrial

Threats (see Appendix for additional information)

Deforestation is occurring in this region due to logging and the expansion of agricultural activities, however, significant areas of habitat remain and this should not be considered a major threat at this time.

Conservation Actions (see Appendix for additional information)

There are no species-specific conservation measures in place for this species at present, however, there are protected areas within its range. Research into the full distribution range of this species is recommended.

Credits

Assessor(s): Pauwels, O.S.G. & Carpenter, A.I.

Reviewer(s): Böhm, M., Collen, B., Ram, M. & Tolley, K.

Contributor(s): De Silva, R., Milligan, H.T., Wearn, O.R., Wren, S., Zamin, T., Sears, J., Wilson, P.,

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Lewis, S., Lintott, P. & Powney, G.

Bibliography

Carpenter, A.I. 2007. pers. comm. Red List Assessment.

de Witte, G.F. 1964. A New Chameleon from the Congo. American Museum Novitates 2192: 1-3.

IUCN. 2011. IUCN Red List of Threatened Species (ver. 2011.1). Available at: http://www.iucnredlist.org. (Accessed: 16 June 2011).

Knoepffler, L.-P. 1967. Redécouverte de Chamaeleo chapini de Witte. Biologia Gabonica 3(3): 245-247.

Pauwels, O.S.G. 2007. pers. comm. Red List Assessment.

Watkins-Colwell, G.J. and De Leon, J. 2003. Chamaeleo chapini. Herpetological Review 34(2): 165.

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External Resources

For <u>Images and External Links to Additional Information</u>, 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	-

Threats

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

Threat	Timing	Scope	Severity	Impact Score
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.4. Scale Unknown/Unrecorded	Ongoing	Minority (50%)	Negligible declines	Low impact: 4
	Stresses:	1. Ecosystem str	esses -> 1.1. Ecosysten	n conversion
		1. Ecosystem str	esses -> 1.2. Ecosysten	n degradation
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	Minority (50%)	Negligible declines	Low impact: 4
	Stresses:	1. Ecosystem str	esses -> 1.2. Ecosysten	n degradation

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	
In-Place Education	
Included in international legislation: Yes	
Subject to any international management/trade controls: Yes	

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

D	vistribution
E	stimated extent of occurrence (EOO) (km²): 560241
Р	opulation
P	opulation severely fragmented: No

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