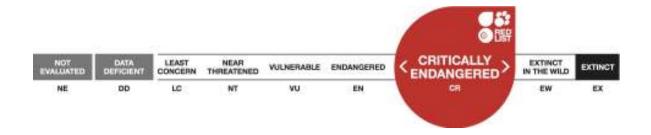


Werneria iboundji

Assessment by: Olivier Pauwels



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Amphibia	Anura	Bufonidae

Taxon Name: Werneria iboundji Rödel, Schmitz, Pauwels & Böhme, 2004

Assessment Information

Red List Category & Criteria: Critically Endangered B1ab(iii)+2ab(iii) ver 3.1

Year Published: 2006

Date Assessed: January 31, 2006

Justification:

Listed as Critically Endangered because its Extent of Occurrence is less than 100 km2 and its Area Of Occupancy is less than 10km2, all individuals are in a single location, and there is a continuing decline in the extent and quality of its habitat.

Geographic Range

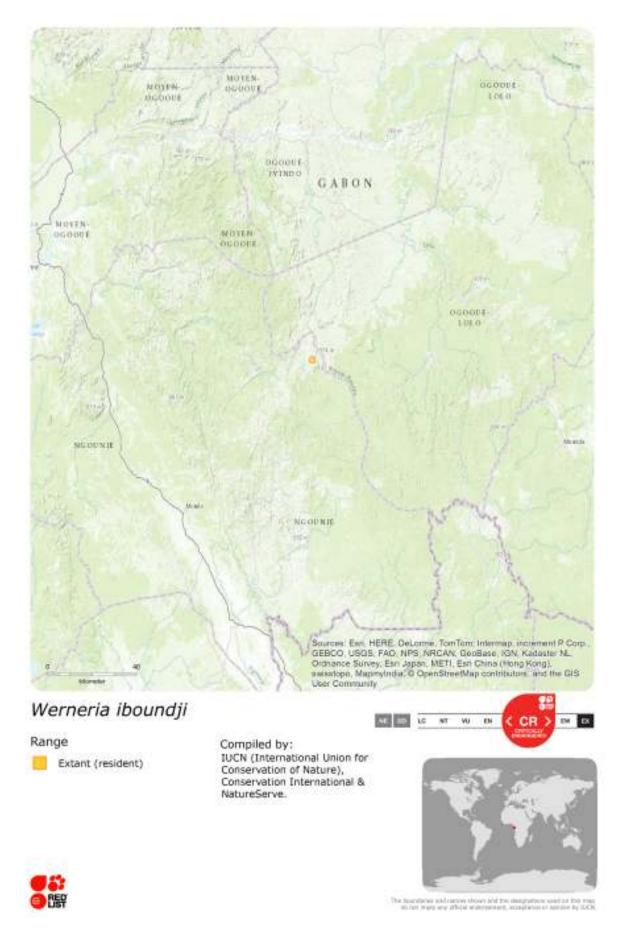
Range Description:

This species is known only from two specimens from the type locality at 560m asl on the east flank of Mount Iboundji, Massif du Chaillu, Offoué-Onoy Department, Ogooué-Lolo Province, Gabon. Searches at a second waterfall on Mount Iboundji and at many other waterfalls in Gabon, revealed no further records of this species. However, it is possible that it occurs at other waterfalls, particularly in the Chaillu Massif, although it must be localized.

Country Occurrence:

Native: Gabon

Distribution Map



Population

Unlike most congeners, which are often locally very abundant, this species appears to be very rare; only two individuals could be located in 20 person-hours of searching.

Current Population Trend: Decreasing

Habitat and Ecology (see Appendix for additional information)

This species is known only from among rocks at the edge of a plunge pool at the base of a large waterfall in lowland forest. It is presumed to be a larval developer.

Systems: Terrestrial, Freshwater

Threats (see Appendix for additional information)

The main threat to the species is logging, which is ongoing, but has not yet reached the waterfall basin where the species occurs. Even if logging occurs nearby, it is likely to modify temperature, humidity, and available food, and so have serious consequences for this species which, like its congeners, is dependent on high humidity.

Conservation Actions (see Appendix for additional information)

Mount Iboundji has been proposed as a Biodiversity Sanctuary, due to its botanical and herpetological values, but no protection status has been granted to date.

Credits

Assessor(s): Olivier Pauwels

Reviewer(s): Global Amphibian Assessment Coordinating Team (Simon Stuart, Janice Chanson

and Neil Cox)

Bibliography

IUCN. 2006. 2006 IUCN Red List of Threatened Species. www.iucnredlist.org. Downloaded on 04 May 2006.

Rödel, M.-O., Schmitz, A., Pauwels, O.S.G. and Böhme, W. 2004. Revision of the genus *Werneria* Poche, 1903, including the descriptions of two new species from Cameroon and Gabon (Amphibia: Anura: Bufonidae). *Zootaxa*: 1-28.

Citation

Olivier Pauwels. 2006. Werneria iboundji. The IUCN Red List of Threatened Species 2006: e.T61761A12554976. http://dx.doi.org/10.2305/IUCN.UK.2006.RLTS.T61761A12554976.en

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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	-
5. Wetlands (inland) -> 5.1. Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	-	Suitable	-

Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosyster	n stresses -> 1.2. Ecos	ystem degradation

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Conservation sites identified: Yes, over entire range

Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.1. Site/area protection
1. Land/water protection -> 1.2. Resource & habitat protection

Research Needed

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

Research Needed	
1. Research -> 1.2. Population size, distribution & trends	
1. Research -> 1.3. Life history & ecology	

Additional Data Fields

Population	
Population severely fragmented: No	

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