



## *Werneria iboundji*

Assessment by: Olivier Pauwels



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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 km<sup>2</sup> and its Area Of Occupancy is less than 10km<sup>2</sup>, 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



## *Werneria iboundji*

Range  
■ Extant (resident)

Compiled by:  
 IUCN (International Union for Conservation of Nature),  
 Conservation International &  
 NatureServe.



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or approval by IUCN.



## 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](http://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.

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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	-
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. Ecosystem stresses -> 1.2. Ecosystem 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

<b>Population</b>
Population severely fragmented: No

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