

Aprosphylus hybridus, Namibian Black-kneed Katydid

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Taxonomy

Kingdom	Phylum	Class	Order	Family	
Animalia	Arthropoda	Insecta	Orthoptera	Phaneropteridae	

Taxon Name: Aprosphylus hybridus Pictet, 1888

Common Name(s):

• English: Namibian Black-kneed Katydid

Taxonomic Source(s):

Eades, D.C., Otte, D., Cigliano, M.M. and Braun, H. 2014. Orthoptera Species File. Version 5.0/5.0. Available at: http://Orthoptera.SpeciesFile.org.

Assessment Information

Red List Category & Criteria: Least Concern ver 3.1

Year Published: 2014

Date Assessed: June 27, 2014

Justification:

The threat status of the Namibian Black-kneed Katydid (*Aprosphylus hybridus*) is Least Concern because it has a widespread distribution, a large extent of occurrence and its geographic range is not expected to be severely fragmented or to experience decline or extreme fluctuations presently or in the foreseeable future.

Geographic Range

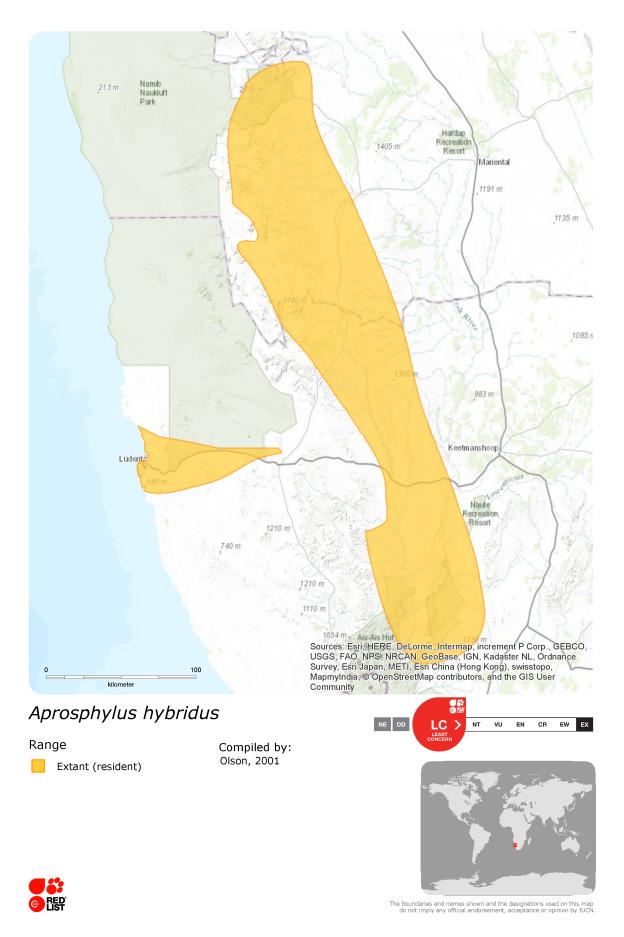
Range Description:

The Namibian Black-kneed Katydid is only known to occur in southern Namibia.

Country Occurrence:

Native: Namibia (Namibia (main part))

Distribution Map



Population

No information on population sizes or trends is available.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs in arid, temperate desert. Males call from the tops of shrubs at night, and individuals are sometimes encountered resting underneath rocks during the daytime.

Systems: Terrestrial

Use and Trade

This species is not utilized.

Threats

The greatest threat to this species is habitat destruction, but due to its widespread distribution in sparsely inhabited regions which are unsuitable for cultivation and development, this species is not directly threatened.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for this species but it is known to occur within at least one protected area, Ai Ais/Richtersveld Transfrontier Park.

Credits

Assessor(s): Bazelet, C. & Naskrecki, P.

Reviewer(s): Hochkirch, A. & Bushell, M.

Bibliography

IUCN. 2014. The IUCN Red List of Threatened Species. Version 2014.3. Available at: www.iucnredlist.org. <a href="mailto:(Accessed: 13 November 2014).

Naskrecki, P. 1994. The Mecopodinae of southern Africa (Orthoptera: Tettigonioidea: Tettigoniidae). *Journal of African Zoology* 108(3): 279-320.

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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?
8. Desert -> 8.2. Desert - Temperate	Resident	Suitable	Yes

Conservation Actions in Place

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

Conservation Actions in Place		
In-Place Research, Monitoring and Planning		
Action Recovery plan: No		
Systematic monitoring scheme: No		
In-Place Land/Water Protection and Management		
Conservation sites identified: No		
Occur in at least one PA: Yes		
Percentage of population protected by PAs (0-100): 31-40		
Area based regional management plan: No		
Invasive species control or prevention: No		
In-Place Species Management		
Harvest management plan: No		
Successfully reintroduced or introduced beningly: No		
Subject to ex-situ conservation: No		
In-Place Education		
Subject to recent education and awareness programmes: No		
Included in international legislation: No		
Subject to any international management/trade controls: No		

Conservation Actions Needed

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

Conservation Actions Needed

1. Land/water protection -> 1.1. Site/area protection

Conservation Actions Needed

- 1. Land/water protection -> 1.2. Resource & habitat protection
- 2. Land/water management -> 2.1. Site/area management
- 2. Land/water management -> 2.2. Invasive/problematic species control
- 2. Land/water management -> 2.3. Habitat & natural process restoration

Research Needed

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

Research Needed

- 1. Research -> 1.1. Taxonomy
- 1. Research -> 1.2. Population size, distribution & trends
- 1. Research -> 1.3. Life history & ecology
- 3. Monitoring -> 3.1. Population trends
- 3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution

Estimated extent of occurrence (EOO) (km²): 48800

Continuing decline in extent of occurrence (EOO): Unknown

Extreme fluctuations in extent of occurrence (EOO): Unknown

Number of Locations: 7

Continuing decline in number of locations: Unknown

Extreme fluctuations in the number of locations: Unknown

Population

Continuing decline of mature individuals: Unknown

Extreme fluctuations: Unknown

Population severely fragmented: No

Continuing decline in subpopulations: Unknown

Extreme fluctuations in subpopulations: Unknown

Habitats and Ecology

Continuing decline in area, extent and/or quality of habitat: No

Movement patterns: Not a Migrant

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