

ISSN 2307-8235 (online)

IUCN 2008: T116116116A116116850

Scope: Global Language: English



Rhachitopis curvipes, Namibian Agile Grasshopper

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View on www.iucnredlist.org

Citation: Hochkirch, A., Bazelet, C. & Danielczak, A. 2018. Rhachitopis curvipes. The IUCN Red List of Threatened Species 2018: e.T116116116A116116850. http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T116116116A116116850.en

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Acrididae

Taxon Name: Rhachitopis curvipes (Stål, 1876)

Synonym(s):

• Euryphymus curvipes Stål, 1876

Common Name(s):

• English: Namibian Agile Grasshopper

Taxonomic Source(s):

Cigliano, M.M., Braun, H., Eades, D.C. and Otte, D. 2017. 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: 2018

Date Assessed: March 2, 2018

Justification:

The Namibian Agile Grasshopper (*Rhachitopis curvipes*) has a wide distribution in Namibia and the west of Botswana. As it is widely distributed (EOO: 600,000 km²) and appears to be common it is very unlikely to meet the thresholds of a Red List criterion. It is, therefore, assessed as Least Concern.

Geographic Range

Range Description:

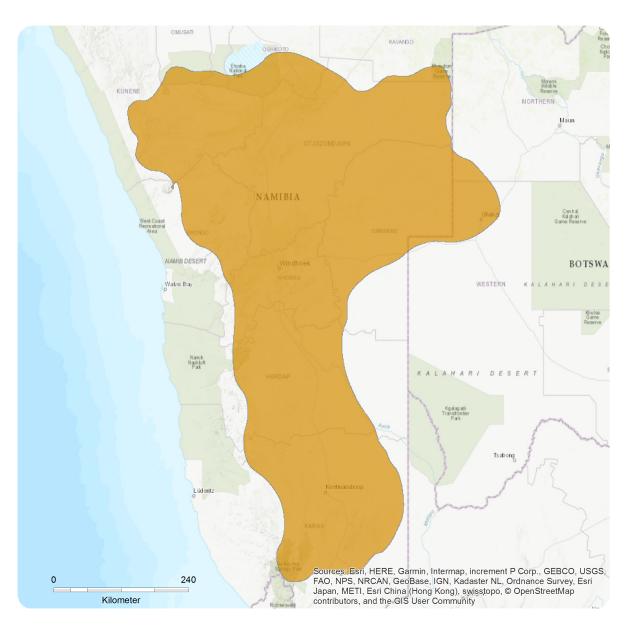
This species occurs in three subspecies in large parts of Namibia and western Botswana (Naskrecki 1992). Its extent of occurrence (EOO) is *ca* 600,000 km².

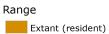
Country Occurrence:

Native: Botswana; Namibia (Namibia (main part))

Distribution Map

Rhachitopis curvipes





Compiled by: SSC Grasshopper Specialist Group





Population

Data on the population size or trends of this species are not available. As the number of records is relatively high (Naskrecki 1992) it is assumed to be a common species.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species has been reported from quartz/granite hills and sand/gravel plains (Naskrecki 1995). It appears to prefer areas with large amounts of bare ground.

Systems: Terrestrial

Use and Trade

The species is not utilized.

Threats

The threats to this species are unknown.

Conservation Actions (see Appendix for additional information)

No specific conservation action is in place for the species, but it occurs in protected areas. There is a need for research into its ecology, threats and population trend.

Credits

Assessor(s): Hochkirch, A., Bazelet, C. & Danielczak, A.

Reviewer(s): Bushell, M.

Bibliography

IUCN. 2018. The IUCN Red List of Threatened Species. Version 2018-1. Available at: www.iucnredlist.org. (Accessed: 28 June 2018).

Naskrecki, P. 1992. A taxonomic revision of the southern African genus *Rhachitopis* Uvarov, 1922 (Acridoidea: Euryphyminae). *Journal of Orthoptera Research* 1: 58-72.

Naskrecki, P. 1995. A review of the Euryphyminae of Namibia and Angola (Insecta: Acridoidea). *Cimbebasia* 14: 71-83.

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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?
2. Savanna -> 2.1. Savanna - Dry	Resident	Suitable	No
3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry	Resident	Suitable	Yes
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	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		
Occur in at least one PA: Yes		
Area based regional management plan: Unknown		
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		

Research Needed

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

Research Needed

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

Research Needed

- 1. Research -> 1.3. Life history & ecology
- 1. Research -> 1.5. Threats

Additional Data Fields

Distribution

Estimated extent of occurrence (EOO) (km²): 600000

Population

Continuing decline of mature individuals: Unknown

Extreme fluctuations: Unknown

Population severely fragmented: No

Habitats and Ecology

Continuing decline in area, extent and/or quality of habitat: Unknown

Movement patterns: Not a Migrant

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<u>Programme</u>, the <u>IUCN Species Survival Commission</u> (SSC) and <u>The IUCN Red List Partnership</u>.

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