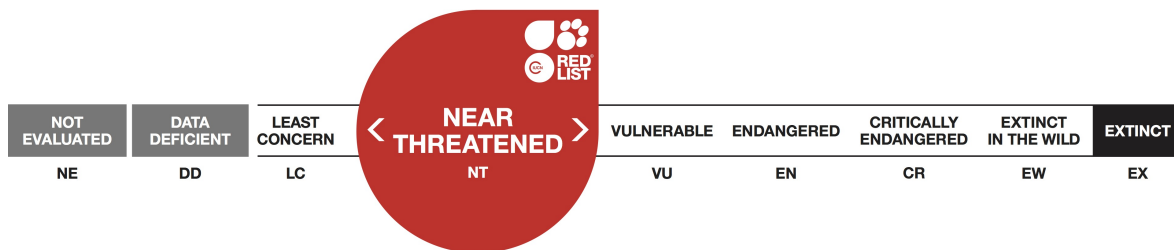


Gryllomorpha canariensis, Canary Crevice-cricket

Assessment by: Hochkirch, A.



View on www.iucnredlist.org

Citation: Hochkirch, A. 2016. *Gryllomorpha canariensis*. *The IUCN Red List of Threatened Species 2016*: e.T16896284A74518313. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T16896284A74518313.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Gryllidae

Taxon Name: *Gryllomorpha canariensis* Chopard, 1939

Common Name(s):

- English: Canarian Crevice-cricket

Taxonomic Source(s):

Eades, D.C., Otte, D., Cigliano, M.M. and Braun, H. 2016. Orthoptera Species File. Version 5.0/5.0. Available at: <http://Orthoptera.SpeciesFile.org>.

Assessment Information

Red List Category & Criteria: Near Threatened [ver 3.1](#)

Year Published: 2016

Date Assessed: May 2, 2016

Justification:

The Canarian Crevice-cricket occurs under stones in the forest zone of Tenerife and La Palma (Canary Islands, Spain). The species occurs in protected areas, but it is difficult to find because it lives under stones and does not produce any sound. Therefore, there is insufficient knowledge of its population size or trend. The extent of occurrence (EOO) is c.3,500 km². As the species is flightless and subpopulations appear to be small, the population is considered severely fragmented. The species is therefore assessed as Near Threatened as it nearly meets the thresholds for a threatened Category.

Previously Published Red List Assessments

2012 – Near Threatened (NT) – <http://dx.doi.org/10.2305/IUCN.UK.2012.RLTS.T16896284A16897018.en>

Geographic Range

Range Description:

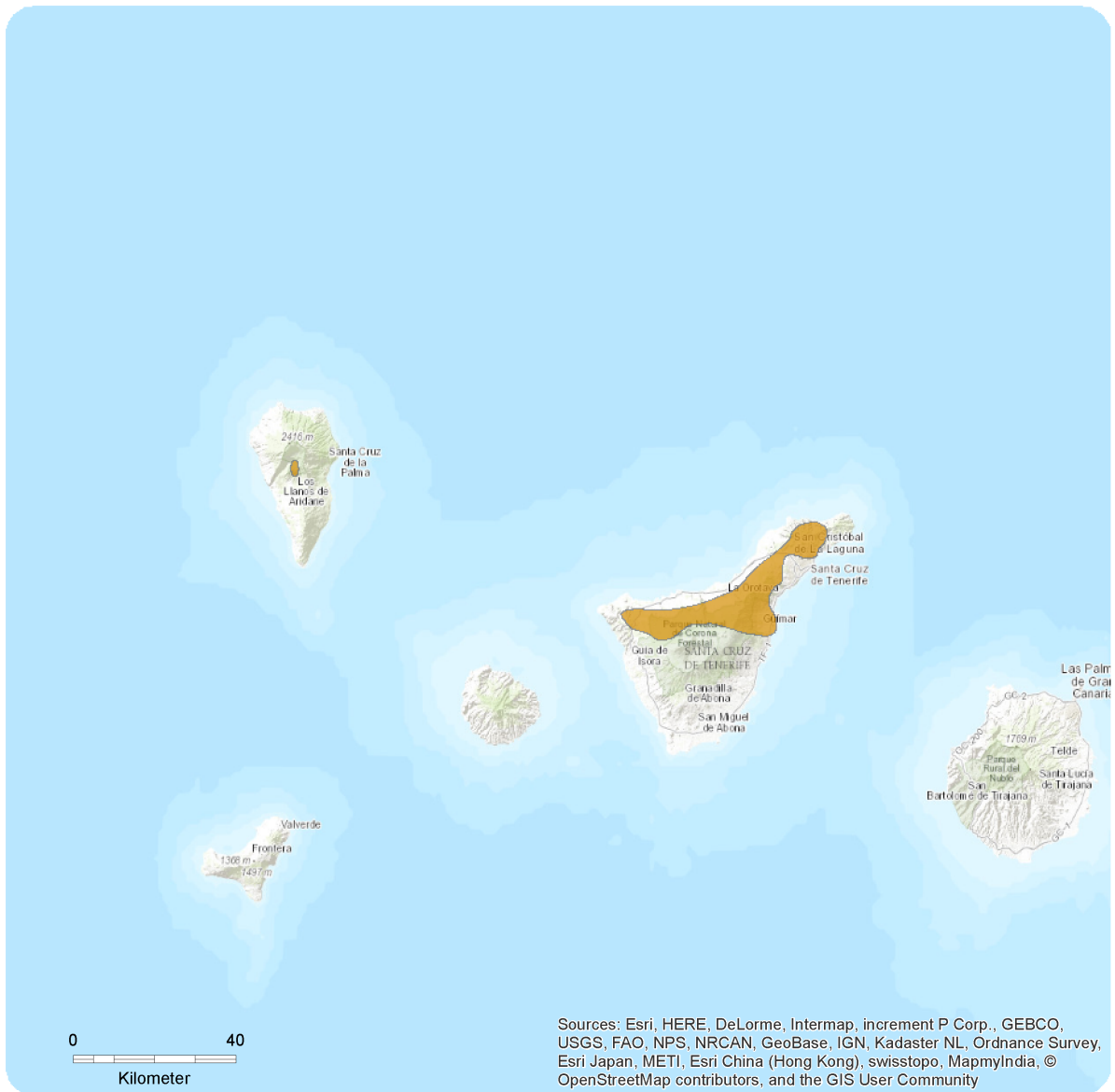
The Canarian Crevice-cricket is endemic to Tenerife and La Palma (Bland *et al.* 1996), where it mainly occurs at higher elevations in forested areas. Its extent of occurrence (EOO) is c. 3,800 km².

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

Gryllomorpha canariensis



Range

Extant (resident)

Compiled by:

SSC Grasshopper Specialist Group



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



Population

There is no information available on the population size and trend of the species. The species is flightless and subpopulations appear to be small, and may go extinct with a reduced probability of recolonization. The population is therefore considered to be severely fragmented.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species has mainly been found in forests, where it lives under rocks and debris.

Systems: Terrestrial

Use and Trade

This species is not utilised.

Threats (see Appendix for additional information)

Natural threats to this species are active volcanism and landslides, but threats from human activities are unknown.

Conservation Actions (see Appendix for additional information)

There are no specific conservation actions in place for this species, although it occurs in protected areas throughout its range. There is a need for research on its taxonomy, population trends and ecology.

Credits

Assessor(s): Hochkirch, A.

Reviewer(s): Odé, B. & García, M.

Contributor(s): Jakobs, D.

Bibliography

Bland, R.G., Gangwere, S.K. and Morales Martin, M. 1996. An Annotated List of the Orthoptera (sens. lat.) of the Canary Islands. *Journal of Orthoptera Research* 5: 159-173.

IUCN. 2016. The IUCN Red List of Threatened Species. Version 2016-3. Available at: www.iucnredlist.org. (Accessed: 07 December 2016).

Citation

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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 -> 1.4. Forest - Temperate	Resident	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
10. Geological events -> 10.1. Volcanoes	Unknown	Minority (50%)	Very rapid declines	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
10. Geological events -> 10.3. Avalanches/landslides	Past, likely to return	Minority (50%)	Very rapid declines	Past impact
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		

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

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

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 3803

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