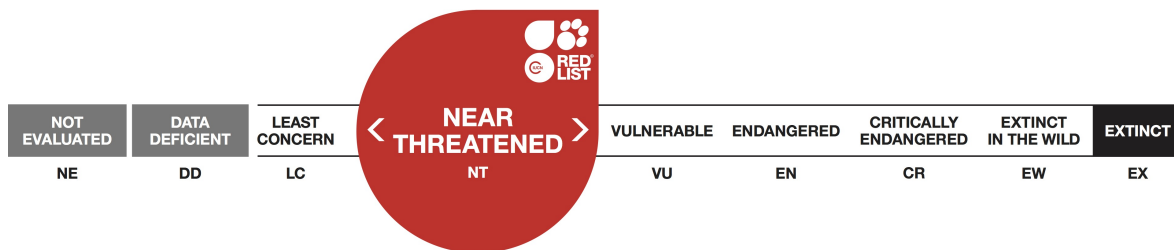


Canariola nubigena, Canary Laurel Bush-cricket

Assessment by: Hochkirch, A.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Tettigoniidae

Taxon Name: *Canariola nubigena* (Krauss, 1892)

Synonym(s):

- *Orophila nubigena* Krauss, 1892

Common Name(s):

- English: Canarian Laurel Bush-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>.

Taxonomic Notes:

The status of this species and its relationship with *Canariola willemsei* needs to be studied. Both species are flightless, but overlapping ranges have been documented. *Canariola willemsei* has even been documented from two islands (La Gomera and Tenerife).

Assessment Information

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

Year Published: 2016

Date Assessed: May 2, 2016

Justification:

The Canarian Laurel Bush-cricket occurs mainly in laurel forests, which have become scarce on Tenerife. Its distribution, population trend and threats are poorly known. It may be threatened by rural and urban development in northern Tenerife and increasing wildfire frequencies. Its extent of occurrence (EOO) is 229 - 700 km², and its area of occupancy (AOO) is 20 - 200 km². The known number of locations is four, but may be higher. However, the species is flightless and the population is believed to be severely fragmented. As it is close to qualify as threatened under Criterion B, it is thus assessed as Near Threatened.

Previously Published Red List Assessments

2012 – Vulnerable (VU) – <http://dx.doi.org/10.2305/IUCN.UK.2012.RLTS.T16895402A16896988.en>

Geographic Range

Range Description:

This species is endemic to Tenerife (Canary Islands, Spain) (Bland *et al.* 1996). Its known extent of

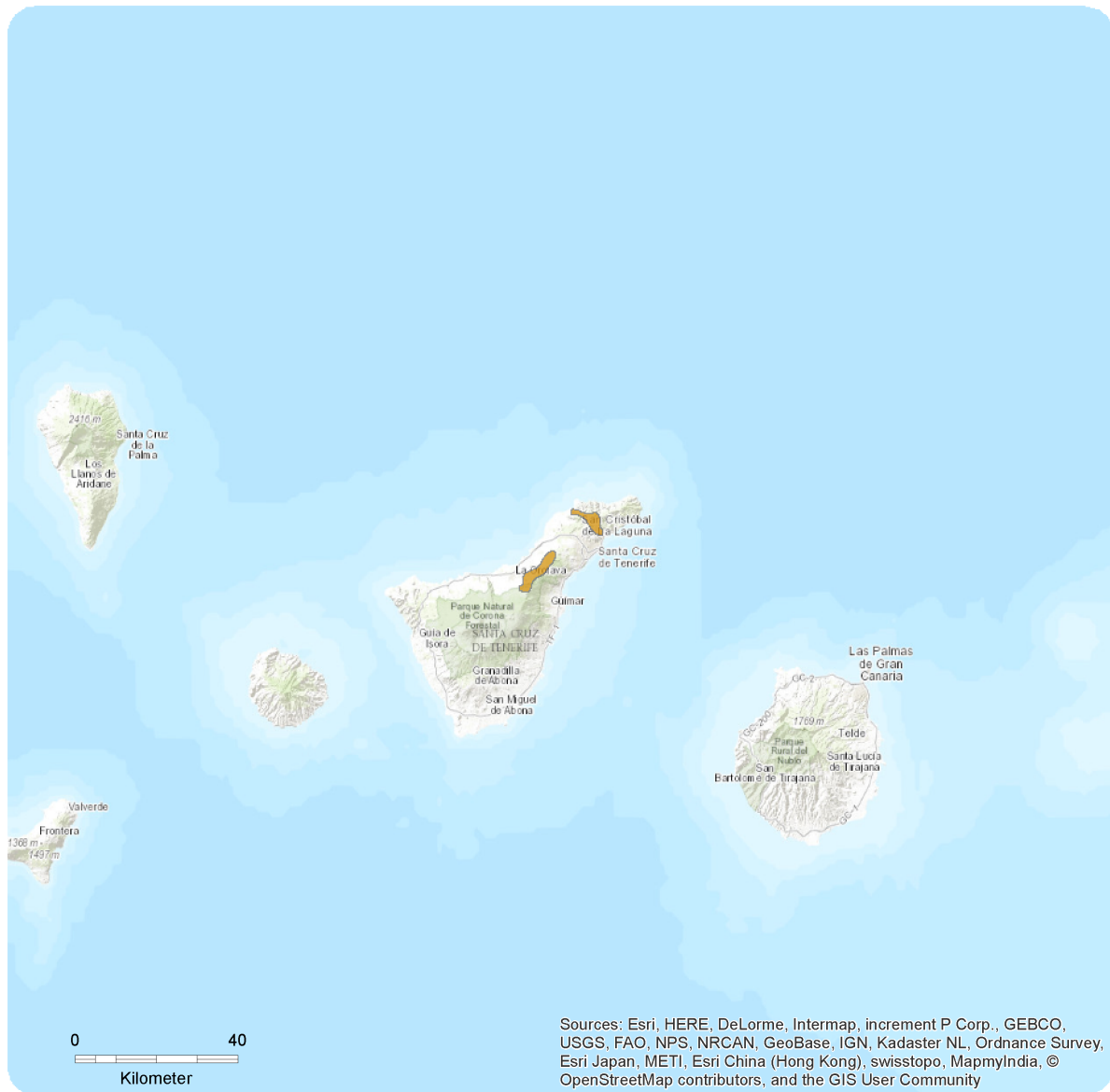
occurrence (EOO) is 229 km², but its distribution is poorly documented. The maximum estimate of its EOO is 700 km². The known area of occupancy (AOO) is 20 km² with a maximum estimate of 400 km².

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

Canariola nubigena



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 this species, as it lives in trees and is difficult to find. The species is flightless and the population is believed to be severely fragmented.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs mainly in laurel forests. It lives in trees, but its ecology is poorly known. Its altitudinal range is 100 - 1,100 m.

Systems: Terrestrial

Use and Trade

This species is not utilised.

Threats (see Appendix for additional information)

This species occurs mainly in laurel forests, which have become scarce in Tenerife. The threats to the species are poorly understood. It may be threatened by ongoing urban and rural development, but particularly by increasing wildfire frequencies. Volcanic eruptions and landslides may also represent potential future threats. The number of known locations (based upon the threat of wildfires) is four, but may be higher.

Conservation Actions (see Appendix for additional information)

The species occurs on the protected area of Parque Rural de Anaga (Tenerife), but there are no specific conservation actions in place for this species. Research on its taxonomy, population trend, ecology and threats is needed.

Credits

Assessor(s): Hochkirch, A.

Reviewer(s): Odé, B. & García, M.

Contributor(s): Jakobs, D. & Kranz, M.

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	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		
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		
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	Minority (50%)	Slow, significant declines	Low impact: 5
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	Minority (50%)	Rapid declines	Medium impact: 6
	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
1. Research -> 1.5. Threats

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 20-400
Estimated extent of occurrence (EOO) (km ²): 229-700
Lower elevation limit (m): 100
Upper elevation limit (m): 1100

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