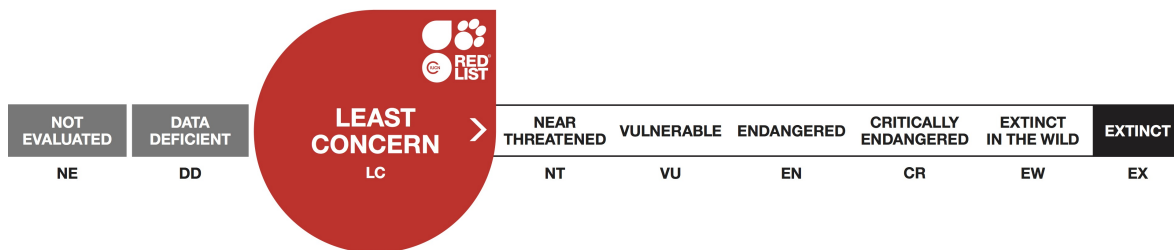


Oedipoda canariensis, Canary Band-Winged Grasshopper

Assessment by: Hochkirch, A.



View on www.iucnredlist.org

Citation: Hochkirch, A. 2016. *Oedipoda canariensis*. *The IUCN Red List of Threatened Species 2016*: e.T16084578A74496653. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T16084578A74496653.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Acrididae

Taxon Name: *Oedipoda canariensis* Krauss, 1892

Common Name(s):

- English: Canarian Band-Winged Grasshopper

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:

Recent molecular evidence (unpublished data, A. Hochkirch pers. comm. 2016) suggests that at least three different genetic lineages exist on the islands of Tenerife, Gran Canaria and La Gomera. Their taxonomic status needs to be studied as they well might represent unique species.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2016

Date Assessed: April 27, 2016

Justification:

The Canarian Band-Winged Grasshopper is widespread on the Canary Islands. It occurs only at lower elevations and needs semi-open vegetation. Its habitats are locally affected by touristic development and other types of land use changes of the coastal region, but due to its large range size it is probably not at risk. It is therefore assessed as Least Concern (LC). However, further research on its taxonomy, population size and trend and threats is needed.

Previously Published Red List Assessments

2012 – Least Concern (LC) – <http://dx.doi.org/10.2305/IUCN.UK.2012.RLTS.T16084578A17276013.en>

Geographic Range

Range Description:

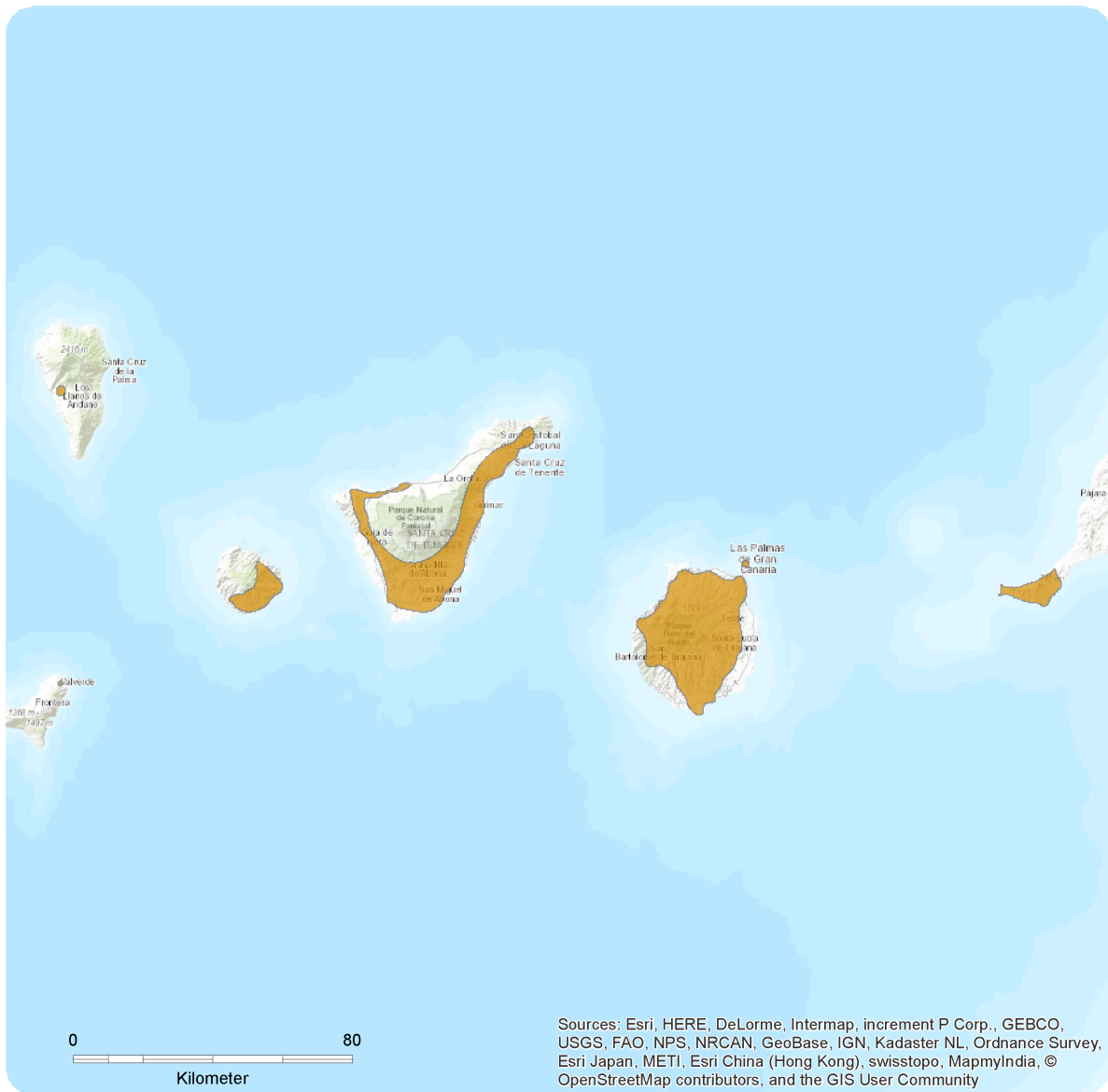
The Canarian Band-Winged Grasshopper is endemic to the Canary Islands (Spain), where it occurs on nearly all islands, except for Lanzarote (Holzapfel 1970, Gangwere *et al.* 1972, Bland *et al.* 1996). Its extent of occurrence (EOO) is c. 26,000 km², whereas its area of occupancy is between 500 and 2,000 km².

Country Occurrence:


Native: Spain (Canary Is.)

Distribution Map

Oedipoda 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 of the species, although it is generally common. The population trend is unknown.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species occurs mainly in dry areas with sparse vegetation at lower altitudes, such as rocky areas or open dwarf shrub vegetation.

Systems: Terrestrial

Use and Trade

This species is not utilised.

Threats (see Appendix for additional information)

The species might be locally affected by touristic and industrial development at the coastal areas of the Canary Islands. It may also be affected by volcanism and land slides.

Conservation Actions (see Appendix for additional information)

No specific conservation action is in place for this species, but it occurs in several protected areas throughout its range. Research on its taxonomy is needed as there is first evidence from a molecular study suggesting that unique species may occur on some islands. This may affect its conservation status, as the species is common on Gran Canaria, Tenerife and La Gomera, but rare on La Palma and Fuerteventura. Further research on its distribution, population size and trend and threats is also needed.

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.

Gangwere, S.K., Morales Martin, M. and Morales Agacino, E. 1972. The distribution of the Orthopteroidea in Tenerife, Canary Island, Spain. *Contributions of the American Entomological Institute* 8(1): 1-40.

Holzapfel, C.M. 1970. Zoogeography of the Acridoidea (Insecta: Orthoptera) in the Canary Islands. *PhD thesis*.

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?
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	Resident	Marginal	-
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	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		
1. Residential & commercial development -> 1.2. Commercial & industrial 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		
1. Residential & commercial development -> 1.3. Tourism & recreation 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		

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 -> 1.5. Threats

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 432
Estimated extent of occurrence (EOO) (km ²): 25897
Lower elevation limit (m): 0
Upper elevation limit (m): 1700

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