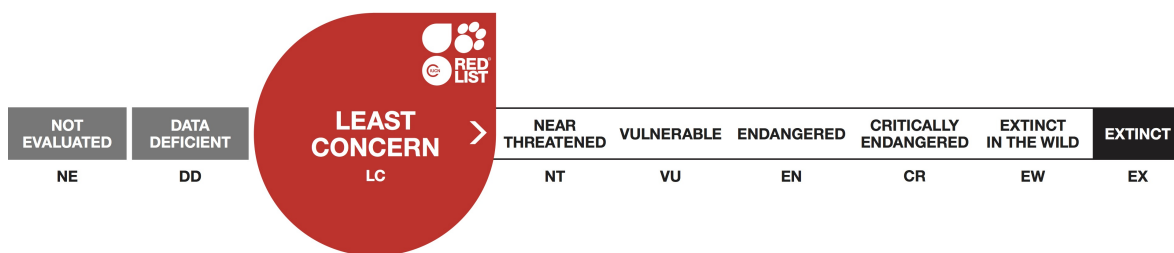


## *Sphingonotus fuerteventurae*, Fuerteventura Sand Grasshopper

Assessment by: Hochkirch, A.



View on [www.iucnredlist.org](http://www.iucnredlist.org)

**Citation:** Hochkirch, A. 2016. *Sphingonotus fuerteventurae*. *The IUCN Red List of Threatened Species 2016*: e.T16084412A74511281. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T16084412A74511281.en>

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Acrididae

**Taxon Name:** *Sphingonotus fuerteventurae* Hochkirch & Husemann, 2008

### Common Name(s):

- English: Fuerteventura Sand 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>.

## Assessment Information

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

**Year Published:** 2016

**Date Assessed:** May 2, 2016

### Justification:

The Fuerteventura Sand Grasshopper (*Sphingonotus fuerteventurae*) is very widespread in Fuerteventura. Even though the species may be locally affected by touristic development, it is very common and occurs also in anthropogenic habitats. It is therefore assessed as Least Concern (LC).

### Previously Published Red List Assessments

2012 – Least Concern (LC) – <http://dx.doi.org/10.2305/IUCN.UK.2012.RLTS.T16084412A17276038.en>

## Geographic Range

### Range Description:

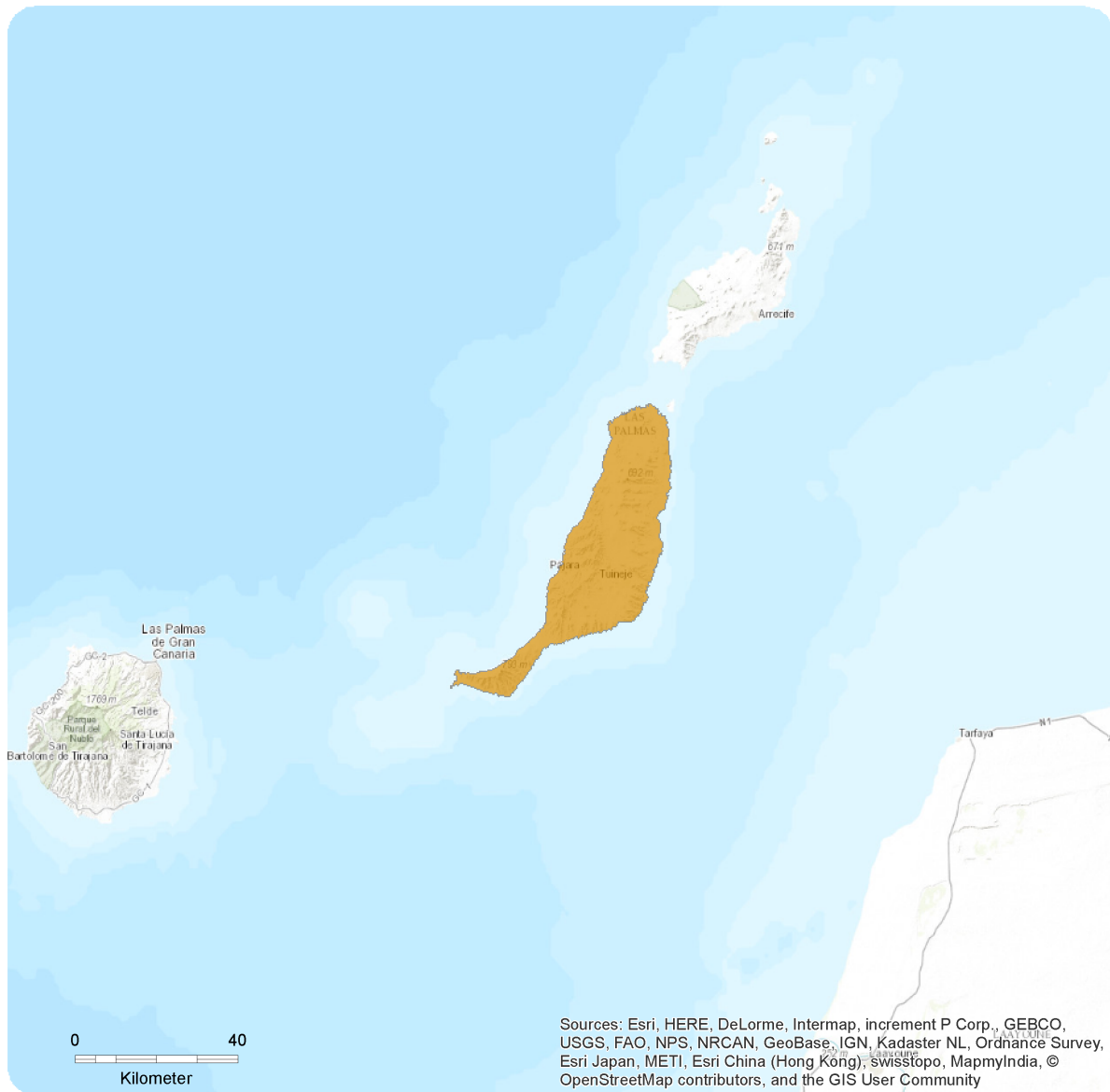
This species is endemic to Fuerteventura, Canary Islands (Spain) (Husemann and Hochkirch 2007, Hochkirch and Husemann 2008). Its extent of occurrence (EOO) is c. 2,500 km<sup>2</sup>.

### Country Occurrence:

**Native:** Spain (Canary Is.)

# Distribution Map

*Sphingonotus fuerteventurae*



## 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

The species is very common and widespread on Fuerteventura. Its population trend is unknown.

**Current Population Trend:** Unknown

## Habitat and Ecology (see Appendix for additional information)

This species is found in habitats with scarce vegetation, often with coarse-grained soil. It is also found in anthropogenic habitats, such as parking lots and dirt roads. Its elevation range is 0 - 400 m.

**Systems:** Terrestrial

## Use and Trade

This species is not utilised.

## Threats (see Appendix for additional information)

The threats to this species are poorly known. It is very common in Fuerteventura and occurs in any habitat with bare ground. Therefore, it is assumed that there are no major threats to the species, although it may locally be affected by touristic development.

## Conservation Actions (see Appendix for additional information)

There are no specific conservation action in place for this species, although it occurs in several protected areas throughout its range. Research is needed on the population trend of this species.

## Credits

**Assessor(s):** Hochkirch, A.

**Reviewer(s):** Odé, B. & García, M.

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

## Bibliography

Hochkirch, A. and Husemann, M. 2008. A Review of the Canarian Sphingonotini with Description of a New Species from Fuerteventura (Orthoptera: Acrididae: Oedipodinae). *Zoological Studies* 47(4): 495-506.

Husemann M. and Hochkirch A. 2007. Notizen zur Heuschreckenfauna (Insecta, Orthoptera) von Fuerteventura (Kanarische Inseln, Spanien). *Entomologie heute* 19: 59-74.

IUCN. 2016. The IUCN Red List of Threatened Species. Version 2016-3. Available at: [www.iucnredlist.org](http://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?
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	Resident	Suitable	Yes
14. Artificial/Terrestrial -> 14.5. Artificial/Terrestrial - Urban Areas	Resident	Suitable	Yes

### Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	Minority (50%)	Causing/could cause fluctuations	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%)	Causing/could cause fluctuations	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 -> 1.2. Population size, distribution & trends

### Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 2585
Lower elevation limit (m): 0

<b>Distribution</b>
Upper elevation limit (m): 400

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