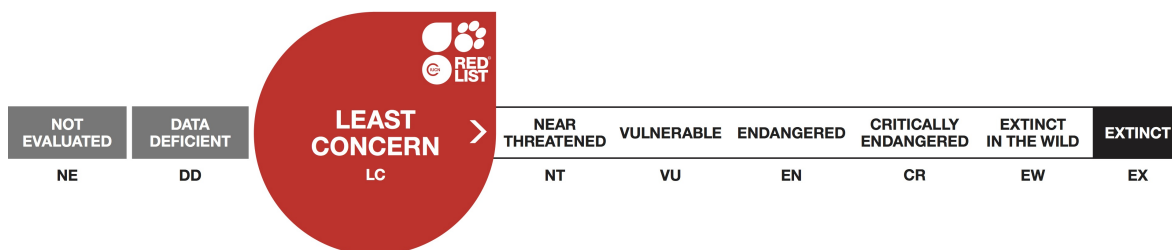


## *Armindia palmae*, Palma Rock Grasshopper

Assessment by: Hochkirch, A.



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

**Citation:** Hochkirch, A. 2016. *Armindia palmae*. *The IUCN Red List of Threatened Species 2016*: e.T15039158A72597797. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T15039158A72597797.en>

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*If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.*

## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Acrididae

**Taxon Name:** *Armindal palmae* Hochkirch, 2008

### Common Name(s):

- English: Palma Rock 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:** April 27, 2016

### Justification:

Even though the Palma Rock Grasshopper has not been recorded very often on La Palma, it is assumed to be more widespread and the population is probably large. It does not appear to be threatened by human activities and 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.T15039158A15428948.en>

## Geographic Range

### Range Description:

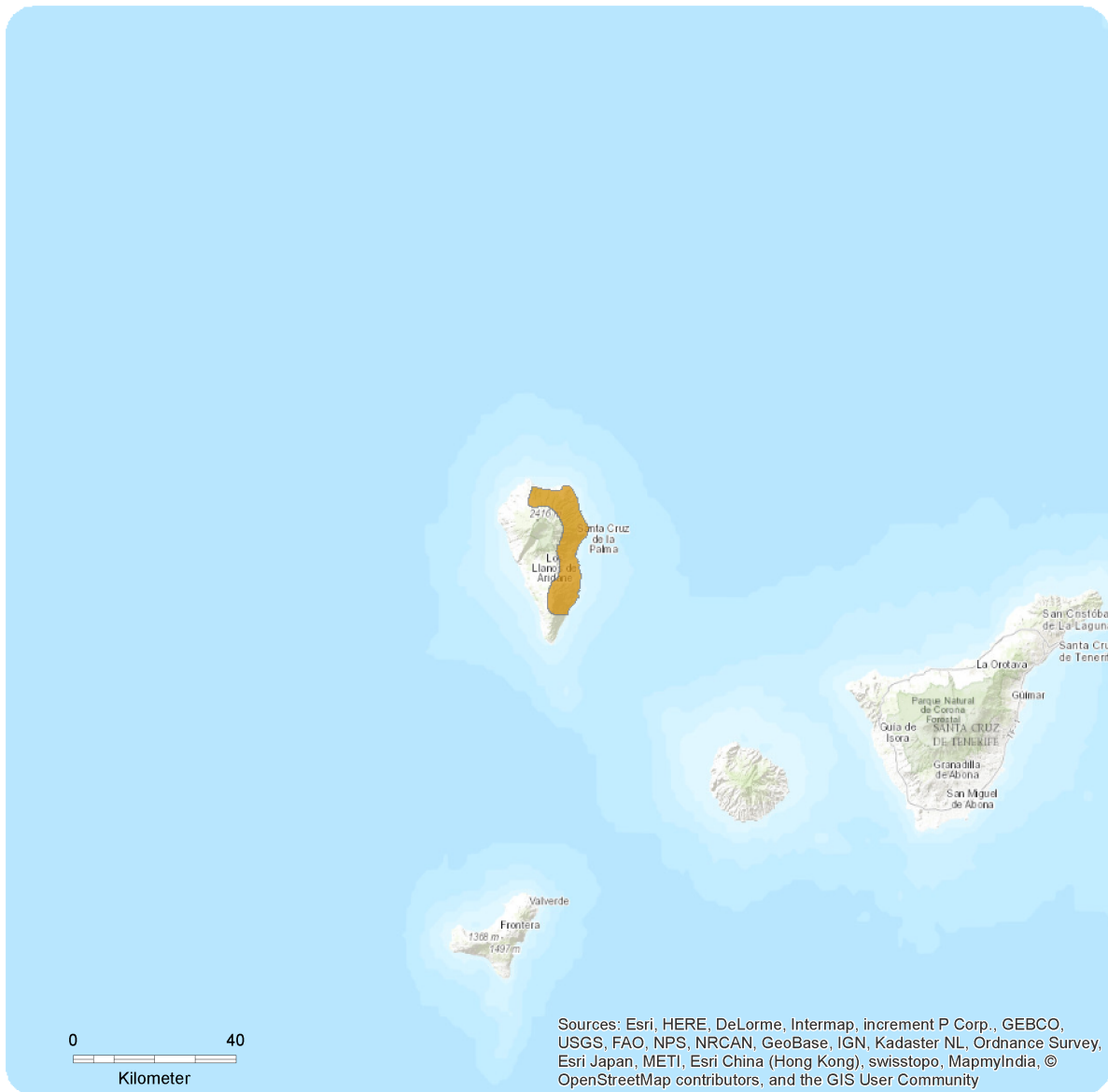
This species is endemic to La Palma, Canary Islands, Spain (Hochkirch and Görzig 2009). Its extent of occurrence (EOO) is between 450 and 700 km<sup>2</sup> and its area of occupancy (AOO) is estimated to be between 50 and 200 km<sup>2</sup>.

### Country Occurrence:

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

# Distribution Map

*Arminda palmae*



## 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. The subpopulations are usually small and the species is flightless. However, it is quite common and its habitat is little affected by humans. The population trend is unknown.

**Current Population Trend:** Unknown

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

The species is affiliated to steep rocky habitats.

**Systems:** Terrestrial

## Use and Trade

This species is not utilised.

## Threats (see Appendix for additional information)

The habitat of *Arminda palmae* is currently not threatened by anthropogenic changes, but by the volcanic activities of La Palma.

## Conservation Actions (see Appendix for additional information)

The species occurs in protected areas, but no specific conservation measures are in place. Research on its population trends and ecology is needed.

## Credits

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

**Reviewer(s):** Odé, B. & García, M.

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

## Bibliography

Hochkirch, A. and Görzig, Y. 2009. Colonization and speciation on volcanic islands: Phylogeography of the flightless grasshopper genus *Arminda* (Orthoptera, Acrididae) on the Canary Islands. *Systematic Entomology* 34: 188-197.

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

## 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		

## 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
1. Research -> 1.3. Life history & ecology

## Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 50-200

<b>Distribution</b>
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 450-700
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: No
Lower elevation limit (m): 0
Upper elevation limit (m): 1450
<b>Population</b>
Population severely fragmented: No
<b>Habitats and Ecology</b>
Continuing decline in area, extent and/or quality of habitat: No

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