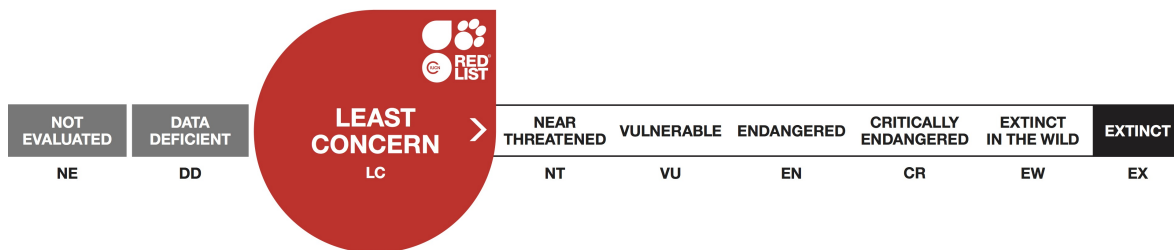


Arminda latifrons, Gomera Rock Grasshopper

Assessment by: Hochkirch, A.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Orthoptera	Acrididae

Taxon Name: *Arminda latifrons* Enderlein, 1930

Common Name(s):

- English: Gomera Rock Grasshopper

Taxonomic Source(s):

Eades, D.C., Otte, D., Cigliano, M.M. and Braun, H. 2014. 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:

The Gomera Rock Grasshopper is widespread on La Gomera. Even though it has small subpopulations, these are probably only little affected by human activities and the species is therefore assessed as Least Concern (LC). However, more research is needed on its population trend and ecology.

Previously Published Red List Assessments

2012 – Least Concern (LC) – <http://dx.doi.org/10.2305/IUCN.UK.2012.RLTS.T15039154A15428928.en>

Geographic Range

Range Description:

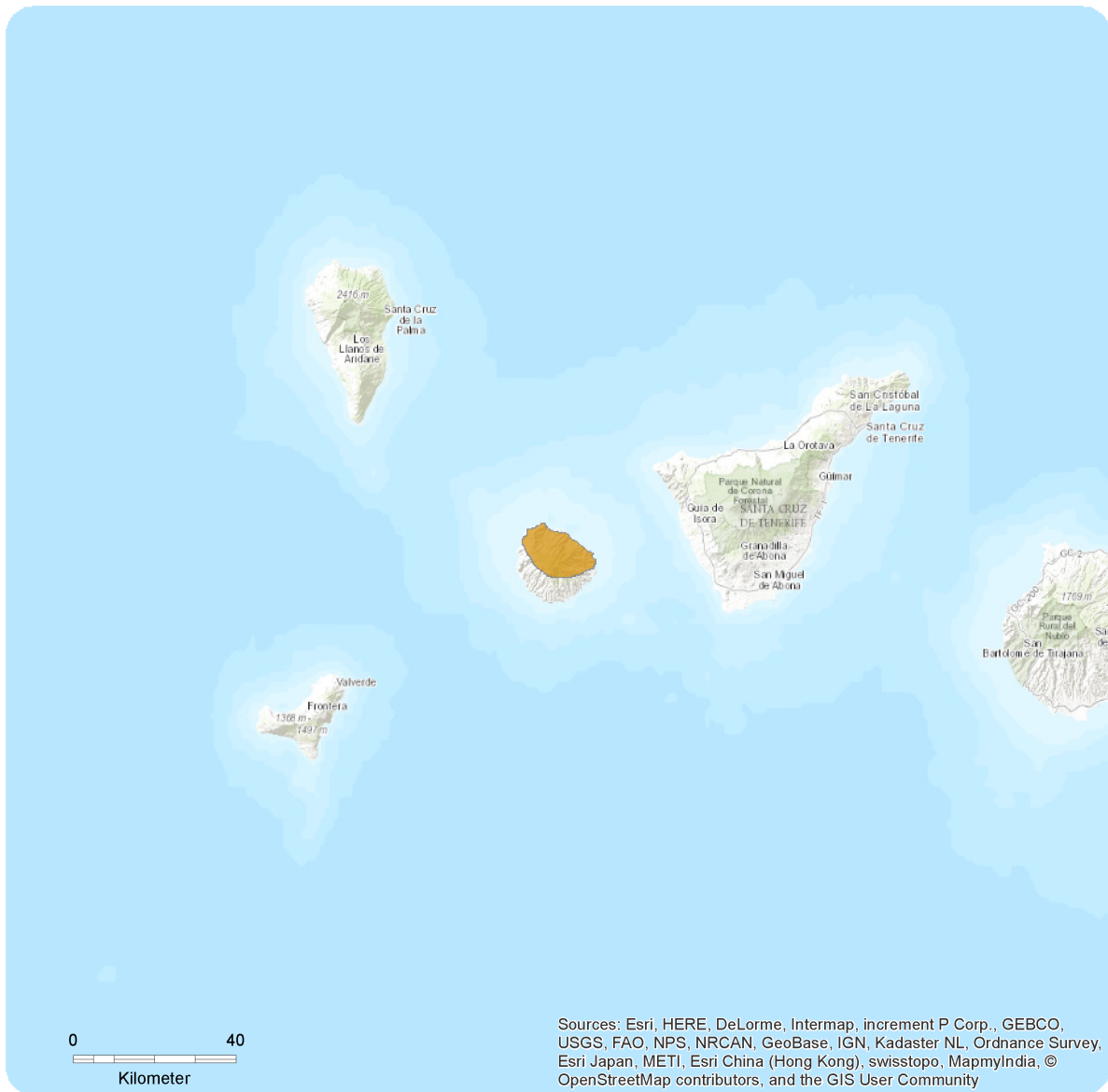
The Gomera Rock Grasshopper is endemic to La Gomera, Canary Islands, Spain (Hochkirch and Görzig 2009). Even though the number of known sites is limited, it is assumed to occur throughout the island. The estimated maximum extent of occurrence (EOO) is between 220 and 300 km² and its area of occupancy (AOO) is estimated to be between 50 and 100 km².

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

Arminda latifrons



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. Subpopulations are usually small, but the species is quite widespread and it occurs in habitats which are little affected by human activities.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs mainly at steep rocky slopes and at forest edges of laurel forest with patches of bare ground. Its elevation range is 0 - 1,400 m.

Systems: Terrestrial

Use and Trade

This species is not utilised.

Threats (see Appendix for additional information)

Only local subpopulations of this species may be threatened by natural events (landslides). The potential effects of wildfires on this species are not known.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for this species, but it occurs in the Parque Nacional Garajonay protected area. More research into its distribution, population trend 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 *Armindia* (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. (Accessed: 07 December 2016).

Citation

Hochkirch, A. 2016. *Armindia latifrons*. *The IUCN Red List of Threatened Species 2016*: e.T15039154A72597626. <http://dx.doi.org/10.2305/IUCN.UK.2016-3.RLTS.T15039154A72597626.en>

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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	-	Suitable	Yes
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
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		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	Minority (50%)	Causing/could cause fluctuations	Low impact: 5
	Stresses:	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 ²): 50-100
Continuing decline in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 219
Continuing decline in extent of occurrence (EOO): No
Continuing decline in number of locations: No
Lower elevation limit (m): 0
Upper elevation limit (m): 1400
Population
Population severely fragmented: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No

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