

## *Canariella jandiaensis*

Assessment by: Groh, K. & Alonso, R.



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**Citation:** Groh, K. & Alonso, R. 2013. *Canariella jandiaensis*. *The IUCN Red List of Threatened Species 2013*: e.T172011A6820312. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T172011A6820312.en>

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae

**Taxon Name:** *Canariella jandiaensis* Ibáñez & Ponte-Lira, 2006

## Assessment Information

**Red List Category & Criteria:** Critically Endangered B2ab(iii) [ver 3.1](#)

**Year Published:** 2013

**Date Assessed:** September 30, 2010

### Justification:

The species is considered as Critically Endangered (CR) B2ab(iii), as it is known from one locations on the Jandia peninsula where the goats are reducing the quality of the habitat. This medium-sized species is less impacted than the *Hemicycla paeteliana*, which also lives on the Jandia peninsula. There is currently no legal protection for the taxon and actions recommended include control of the goats and the provision of a protected area for Jandia peninsula.

## Geographic Range

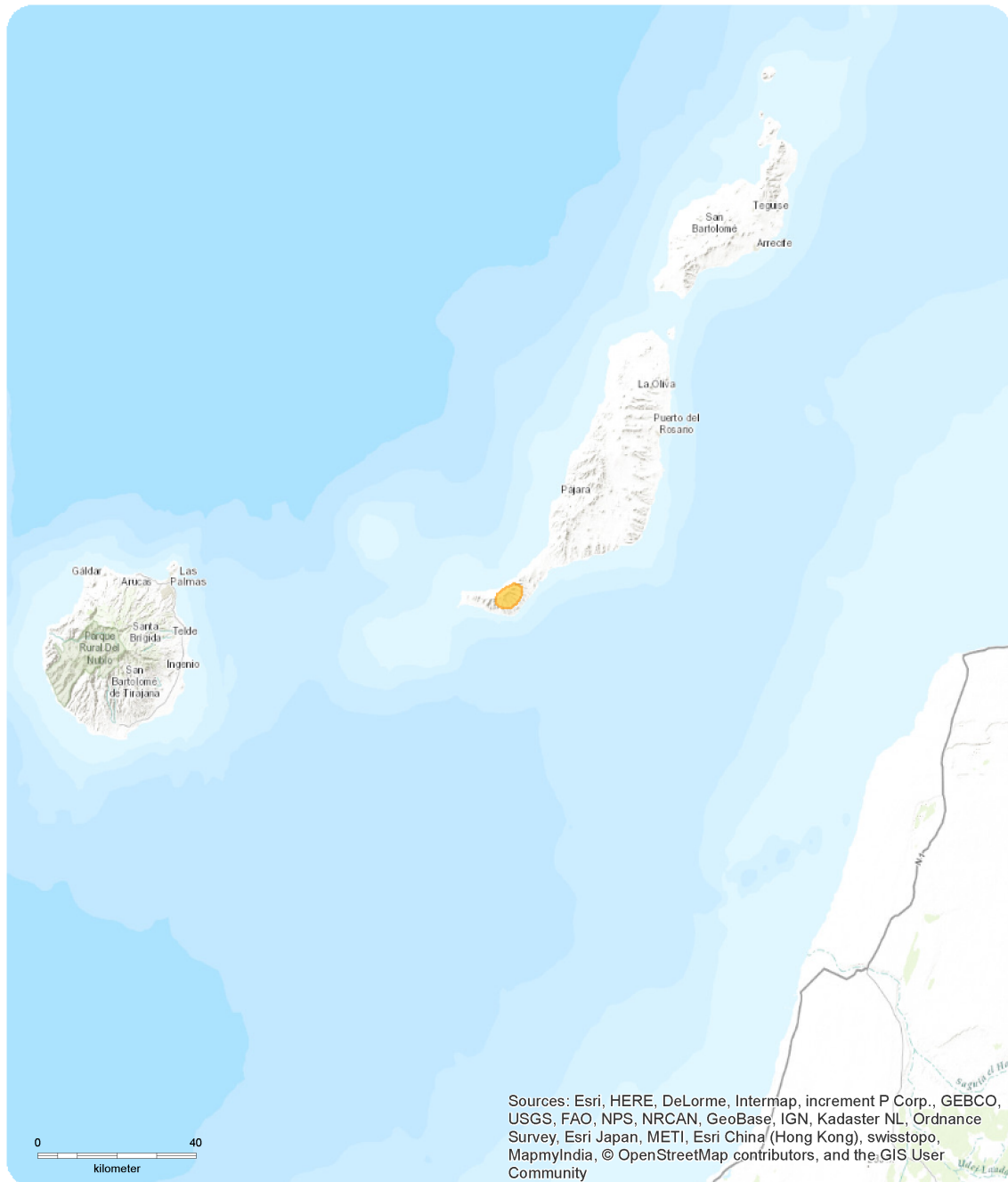
### Range Description:

This species is endemic to the Canary islands where it is restricted to the Jandia peninsula in Fuerteventura. The area of occupancy is 4 km<sup>2</sup> and it is thought to be a relict distribution (Groh, pers. comm., 2010), based on the subfossil distribution.

### Country Occurrence:

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

# Distribution Map

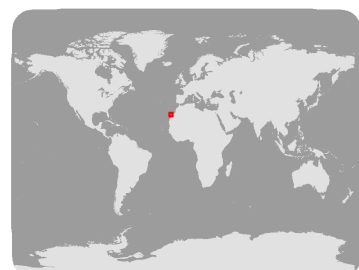


## *Canariella jandiaensis*

Range

■ Extant (resident)

Compiled by:  
IUCN



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



## Population

This species is medium-sized and thus these are moderately susceptible to disturbance by trampling by goats. The population is thought to be stable to slightly decreasing.

**Current Population Trend:** Stable

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

This ground-dwelling species which occurs on rocky slopes with typical montane vegetation with the species living on stones, in crevices and on crags/walls. The species lived on lichens.

**Systems:** Terrestrial

## Use and Trade

This species is not used.

## Threats (see Appendix for additional information)

The species is threatened by overgrazing and goats trampling. Future threats from hotel developments and road linkages if the peninsula is developed.

## Conservation Actions (see Appendix for additional information)

The habitat of this species and the Jandia peninsula should be protected. Tourist development, as well as the trampling by wild goats should be restricted. More research is needed on the population and distribution of the species, and habitat trends should be monitored.

## Credits

**Assessor(s):** Groh, K. & Alonso, R.

**Reviewer(s):** Neubert, E., Seddon, M.B. & Cuttelod, A.

## Bibliography

Alonso, M.r., Ponte-Lira, C.E., Castillo, C., Yanes, Y., Groh, K. and Ibanez, M. 2006. A new *Canariella* species of the new subgenus *Majorata*, both endemic to the Jandia Peninsula. *Zootaxa* 1316: 45-56.

IUCN. 2011. IUCN Red List of Threatened Species (ver. 2011.1). Available at: <http://www.iucnredlist.org>. (Accessed: 16 June 2011).

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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)	-	Suitable	Yes

### Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.3. Tourism & recreation areas	Future	Minority (50%)	Slow, significant declines	Low impact: 3
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		
6. Human intrusions & disturbance -> 6.1. Recreational activities	Ongoing	Minority (50%)	Slow, significant declines	Low impact: 5
8. Invasive & other problematic species & genes -> 8.1. Invasive non-native/alien species -> 8.1.2. Named species ( <i>Capra hircus</i> )	Ongoing	Majority (50-90%)	Slow, significant declines	Medium impact: 6
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		

### Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.1. Site/area protection
2. Land/water management -> 2.2. Invasive/problematic species control

### Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 4
Number of Locations: 1
Lower elevation limit (m): 550
Upper elevation limit (m): 807

<b>Population</b>
Population severely fragmented: No
<b>Habitats and Ecology</b>
Continuing decline in area, extent and/or quality of habitat: Yes

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