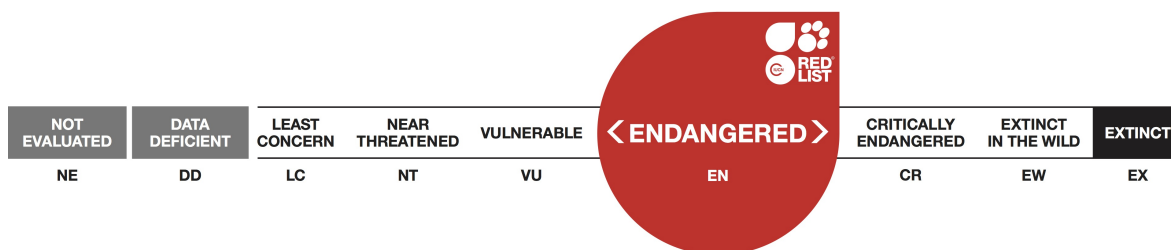


## *Canariella huttereri*

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



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

**Citation:** Groh, K. & Alonso, R. 2013. *Canariella huttereri*. *The IUCN Red List of Threatened Species* 2013: e.T156671A4981526. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T156671A4981526.en>

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## Taxonomy

| Kingdom  | Phylum   | Class      | Order           | Family      |
|----------|----------|------------|-----------------|-------------|
| Animalia | Mollusca | Gastropoda | Stylommatophora | Hygromiidae |

**Taxon Name:** *Canariella huttereri* Ponte-Lira & Groh, 1994

## Assessment Information

**Red List Category & Criteria:** Endangered B1ab(iii)+2ab(iii) [ver 3.1](#)

**Year Published:** 2013

**Date Assessed:** September 30, 2010

### Justification:

This species is endemic to El Hierro, in the Canary islands. It is only known from 3 locations in a small area (6 x 2km) and is sensitive to the disturbance of the habitat due to goats and urbanization. Conservation actions would be protection of the area and regulation of grazing by goats. This species is therefore considered as Endangered (EN) B2ab(iii).

## Geographic Range

### Range Description:

This species is endemic to the Canary Islands where it is present in El Hierro, and only known from a small area (6 x 2 km).

### Country Occurrence:

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

## Distribution Map

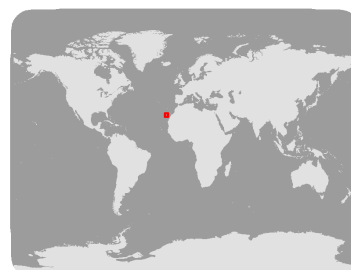


### *Canariella huttereri*

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

There is a slow decline of the population based on evidence from dead shells (Groh, pers comm., 2010).

**Current Population Trend:** Decreasing

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

This species lives under stones in low vegetation.

**Systems:** Terrestrial

## Use and Trade

This species is not used.

## Threats (see Appendix for additional information)

The area where the species is found is subject to impact by goats grazing and trampling and by expansion of the adjacent urban areas (Groh pers. comm. 2010).

## Conservation Actions (see Appendix for additional information)

Moliner Gomez *et al.* (2001) list the species as sensitive to the disturbance of the habitat due to goats and they recommend the protection of the habitat. Conservation actions would be protection of the area and regulation of grazing by goats.

## Credits

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

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

## Bibliography

Gomez Moliner, B., Moreno, D., Rolan, E., Araujo, R. and Alvarez, R.M. 2001. *Proteccion de Moluscos en el Catalogo nacional de especies amenazadas*. SEM, Madrid.

Groh, K., Ponte-Lira, C. E., Alonso, M. R. and Ibanez, M. 1994. Revision of the genus *Canariella* P. Hesse 1918. *Alvaradoa* n. subgen., with description of one new species from El Hierro. *Archiv für Molluskenkunde* 123(1-6): 89-107.

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? |
|--------------------------------------------|--------|-------------|-------------------|
| 4. Grassland -> 4.4. Grassland - Temperate | -      | 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<br>1. Ecosystem stresses -> 1.2. Ecosystem degradation<br>2. Species Stresses -> 2.1. Species mortality<br>2. Species Stresses -> 2.2. Species disturbance |                                  |                  |
| 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<br>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                 |
| 1. Land/water protection -> 1.2. Resource & habitat protection        |
| 2. Land/water management -> 2.2. Invasive/problematic species control |

### Research Needed

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

| Research Needed                      |
|--------------------------------------|
| 3. Monitoring -> 3.4. Habitat trends |

### Additional Data Fields

|                                                                   |
|-------------------------------------------------------------------|
| <b>Distribution</b>                                               |
| Estimated area of occupancy (AOO) (km <sup>2</sup> ): 12          |
| Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 40       |
| Number of Locations: 3                                            |
| <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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