

## Canariella bimbachensis

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## Taxonomy

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

**Taxon Name:** *Canariella bimbachensis* Ibañez & Alonso, 2002

## Assessment Information

**Red List Category & Criteria:** Vulnerable D2 [ver 3.1](#)

**Year Published:** 2013

**Date Assessed:** September 30, 2010

### Justification:

The species is only present on a small area of the north coast of El Hierro in the Canary Islands where it is found in 4 - 6 locations. The major threats lie from agricultural impacts, urban development and road development change habitats especially in the coastal zone. This species is close to meeting the threshold for Endangered, should the rate of change to the habitat accelerate on the island. However, for the moment, it is listed as Vulnerable (VU) D2.

## Geographic Range

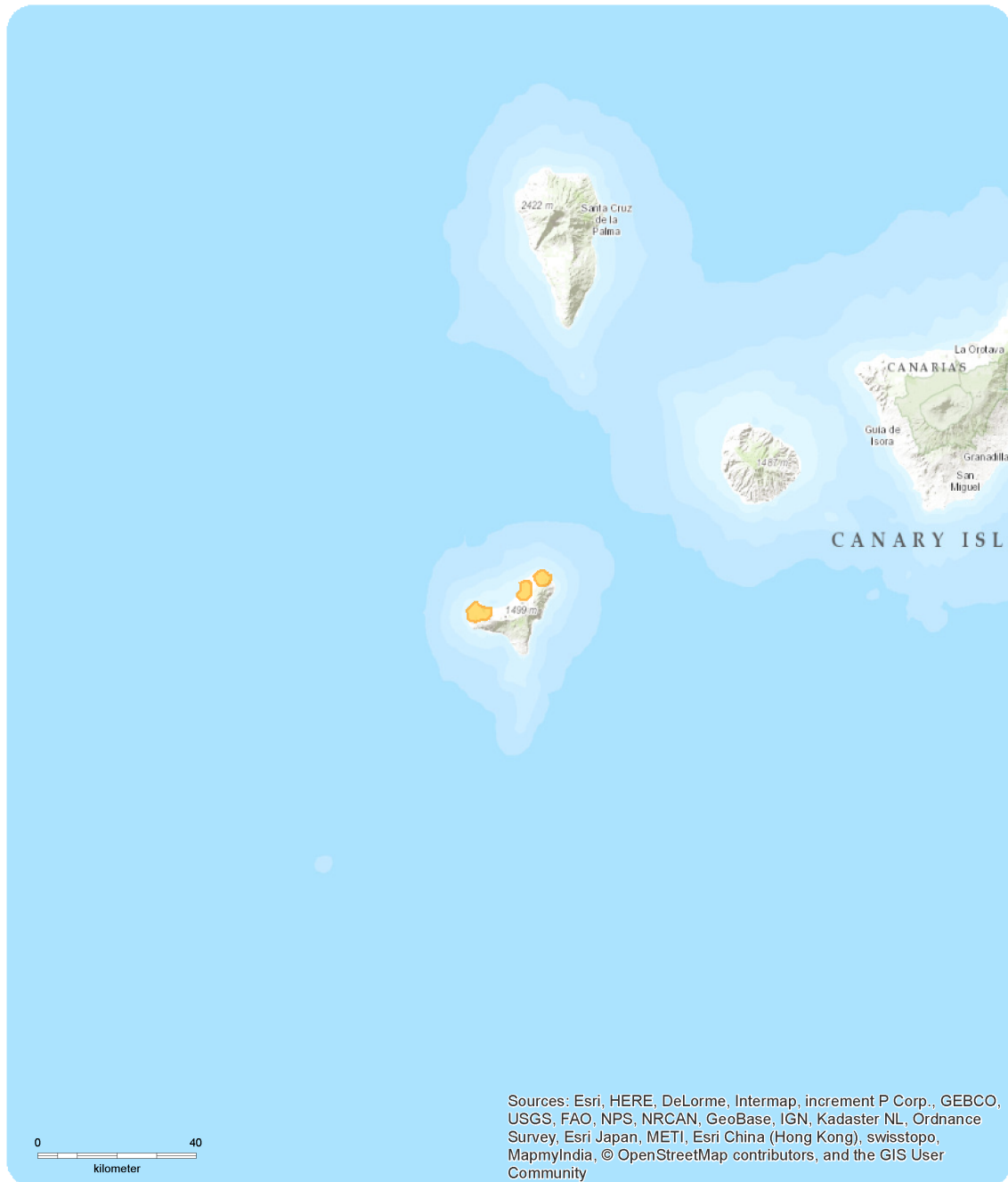
### Range Description:

The species is only present on a small area of the northern coast of El Hierro in the Canary Islands where it is found in 4 locations.

### Country Occurrence:

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

# Distribution Map

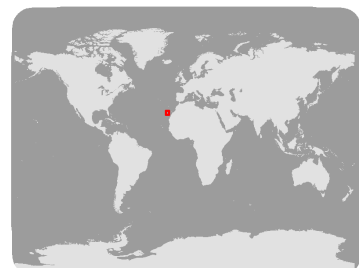


## *Canariella bimbachensis*

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 are no population trend available. This species is rare, the population is dispersed in the north and north-west of El Hierro in 4 locations (8 sites).

**Current Population Trend:** Unknown

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

This species occur in degraded lowland vegetation (Piso Basal) and is a ground-dweller.

**Systems:** Terrestrial

## Use and Trade

This species is not used.

## Threats (see Appendix for additional information)

The major threats lie in the change of habitat, related to agricultural impacts, urban development and road development, especially in the coastal zone.

## Conservation Actions

Habitat monitoring is recommended.

## Credits

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

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

## Bibliography

Ibanez, M., Alonso, M. R. and Ponte-Lira, C. E. 2002. A new subgenus and two new species of *Canariella* Hesse, 1918. *American Malacology Bulletin* 17(1/2): 85-90.

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? |
|---|--------|-------------|-------------------|
| 3. Shrubland -> 3.6. Shrubland - Subtropical/Tropical Moist | -      | Suitable    | Yes               |
| 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   | -  | -        | -            |
|   | Stresses: | 1. Ecosystem stresses -> 1.1. Ecosystem conversion<br>1. Ecosystem stresses -> 1.2. Ecosystem degradation<br>2. Species Stresses -> 2.1. Species mortality |          |              |
| 1. Residential & commercial development -> 1.3. Tourism & recreation areas                                  | Ongoing   | -  | -        | -            |
|   | Stresses: | 1. Ecosystem stresses -> 1.1. Ecosystem conversion<br>1. Ecosystem stresses -> 1.2. Ecosystem degradation<br>2. Species Stresses -> 2.1. Species mortality |          |              |
| 2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.4. Scale Unknown/Unrecorded | Ongoing   | -  | -        | -            |
|   | Stresses: | 1. Ecosystem stresses -> 1.1. Ecosystem conversion<br>1. Ecosystem stresses -> 1.2. Ecosystem degradation  |          |              |
| 4. Transportation & service corridors -> 4.1. Roads & railroads   | Ongoing   | -  | -        | -            |
|   | Stresses: | 1. Ecosystem stresses -> 1.1. Ecosystem conversion<br>1. Ecosystem stresses -> 1.2. Ecosystem degradation<br>2. Species Stresses -> 2.1. Species mortality |          |              |

### 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> ): 16         |
| Number of Locations: 4   |
| Lower elevation limit (m): 20                                    |
| Upper elevation limit (m): 350                                   |
| <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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