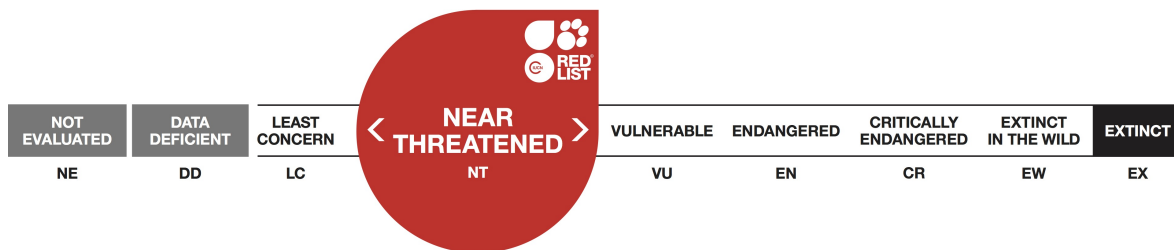


# *Hemicycla quadricincta*

Assessment by: Groh, K.



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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Helicidae

**Taxon Name:** *Hemicycla quadricincta* (Morelet, 1864)

### Taxonomic Notes:

There are two described sub-species: *Hemicycla quadricincta quadricincta* and *H. quadricincta subaucta* Wollaston, 1878.

## Assessment Information

**Red List Category & Criteria:** Near Threatened [ver 3.1](#)

**Year Published:** 2013

**Date Assessed:** April 2, 2011

### Justification:

This species is endemic to south-eastern La Gomera in the area of San Sebastian. Its range is restricted and it is threatened by the extension of the city of San Sebastian. It is therefore considered as Near Threatened (NT), almost meeting criteria B.

## Geographic Range

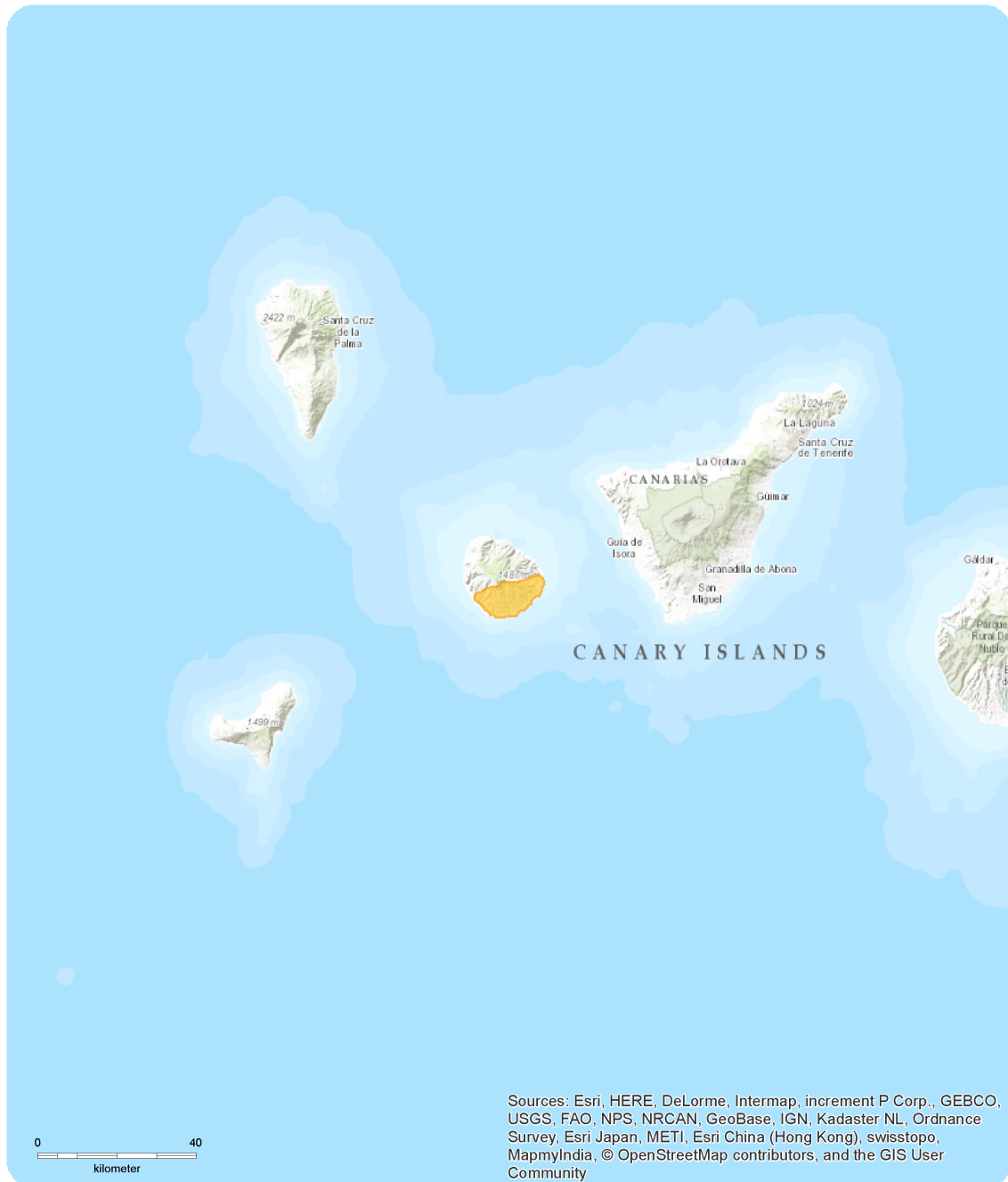
### Range Description:

This species is endemic to south-eastern La Gomera in the area of San Sebastian. *H. quadricincta quadricincta* is known from the lowlands and *H. quadricincta subaucta* Wollaston, 1878 from higher elevations on the south-eastern slope of Cumbre. Neiber *et al.* (2011) found it from the same region (Las casetas and Lomo de las Nieves) and give detailed genetic analysis of these two specimens. Bank *et al.* (2002) features specimens from Alajeró. Also, Klaus Groh found several sites around San Sebastian. The extent of occurrence is estimated to be less than 60 km<sup>2</sup> and the extent of occurrence is thought to be less than 20 km<sup>2</sup>.

### Country Occurrence:

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

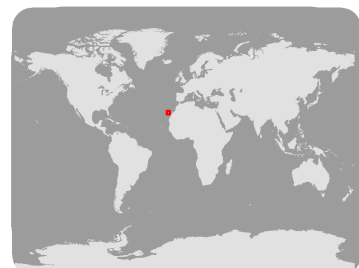
# Distribution Map



## *Hemicycla quadricincta*

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

The population is presumed to be stable.

**Current Population Trend:** Stable

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

This species is known from temperate shrubland areas (Piso basal).

**Systems:** Terrestrial

## Use and Trade

This species is not used.

## Threats (see Appendix for additional information)

The main threat to this species is the increased urbanisation of San Sebastian.

## Conservation Actions

There are no conservation measures for this species.

## Credits

**Assessor(s):** Groh, K.

**Reviewer(s):** Neubert, E., Cuttelod, A., Bilz, M. & Ward, J.

## Bibliography

Bank, R.A., Groh, K. and Ripken, T.E. 2002. Catalogue and Bibliography of the non-marine Mollusca of Macronesia. In: M. Falkner, K. Grah and M.C.D. Speight (eds), *Collectanea Malacologica*, pp. 89-235.

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

Neiber, M. T., Vega-Luz, Ri., Vega-Luz, Ro. and Koenemann, S. 2011. *Hemicycla* (*Adiverticula*) *diegoi*, a new species from Tenerife, Canary Islands, with a phylogenetic analysis of conchologically similar species in the genus *Hemicycla* Swainson, 1840. *Zootaxa* 2757: 29-46.

Wollaston, T.V. 1878 *Testacea Atlantica or the land and freshwater shells of Azores, aderiras, Salvages, Canaries, Cape Verdes and Saint Helena*. London; Reeve.

## 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?
3. Shrubland -> 3.4. Shrubland - 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 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		

### Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends

### Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 21
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 50-60
Population
Population severely fragmented: No

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