

Hemicycla inutilis

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Citation: Groh, K. & Alonso, R. 2013. *Hemicycla inutilis*. *The IUCN Red List of Threatened Species 2013*: e.T9875A13023656. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T9875A13023656.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Helicidae

Taxon Name: *Hemicycla inutilis* Mousson, 1872

Assessment Information

Red List Category & Criteria: Vulnerable B2ab(iii) [ver 3.1](#)

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

This species is endemic to the north-eastern coast of Tenerife, where it is very localized to about 7 locations which are scattered because of urban development on the coast, so the species range has become fragmented. It is impacted by multiple threats in the region: urban developments, road construction and quarrying. The two more localised threats of quarrying and road construction impact severely the species with lost populations, but within smaller more defined areas.

The species has been assessed as Endangered (EN B2ab(iii)).

Previously Published Red List Assessments

1996 – Lower Risk/conservation dependent (LR/cd)

1994 – Vulnerable (V)

1990 – Vulnerable (V)

Geographic Range

Range Description:

This species is endemic to the north-eastern coast of Tenerife, where it is very localised to about 7 locations (9 sites) which are quite scattered localities because of urban development on the coast, so the species range has become fragmented (Ibanez *et al.* 1987).

Country Occurrence:

Native: Spain (Canary Is.)

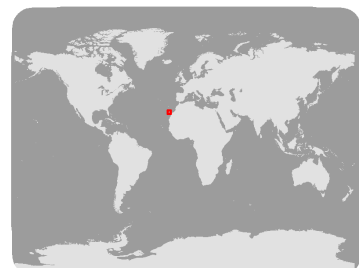
Distribution Map



Hemicycla inutilis

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 trend is thought to be decreasing based on loss of habitat.

Current Population Trend: Decreasing

Habitat and Ecology (see Appendix for additional information)

This species occurs on lowland vegetation on canary islands and within malpais, volcanic tubes.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The major threats includes habitat loss through urbanisation, road construction, tourist recreation areas and quarrying of the habitat for roadstone.

Conservation Actions (see Appendix for additional information)

The habitat of this species should be protected.

Credits

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

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

Bibliography

Ibanez, M., Groh, K., Cavero, E. and Alonso, M.R. 1987. Revision of the genus *Hemicycla* Swainson 1840 on Tenerife: the group of *Hemicycla plicaria* (Lamarck 1816) (Mollusca: Helicidae). *Arch. Moll.* 118: 77-103.

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 -> 3.4. 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	Minority (50%)	Slow, significant declines	Low impact: 5
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		
3. Energy production & mining -> 3.2. Mining & quarrying	Ongoing	Minority (50%)	Rapid declines	Medium impact: 6
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 2. Species Stresses -> 2.1. Species mortality		
4. Transportation & service corridors -> 4.1. Roads & railroads	Ongoing	Minority (50%)	Rapid declines	Medium impact: 6
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 2. Species Stresses -> 2.1. Species mortality		
6. Human intrusions & disturbance -> 6.1. Recreational activities	Ongoing	Minority (50%)	Negligible declines	Low impact: 4
	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

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 900
Number of Locations: 7

Distribution
Lower elevation limit (m): 300
Upper elevation limit (m): 500
Population
Population severely fragmented: Yes
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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