

Canariella pthonera

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



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae

Taxon Name: *Canariella pthonera* Mabille, 1883

Assessment Information

Red List Category & Criteria: Vulnerable B1ab(iii) [ver 3.1](#)

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

The species is only present in the northern Teno Mountains on Tenerife where it is known from four locations, but it may be more widespread between the sites as the species is difficult to detect as it lives at low density (Groh, pers. comm., 2010). Habitat disturbance due to the extraction of timber for agriculture use of laurisilva forest could cause fluctuations in the populations and as such this species is assessed as Vulnerable (VU) B2ab(iii).

Previously Published Red List Assessments

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

1994 – Vulnerable (V)

1990 – Vulnerable (V)

Geographic Range

Range Description:

The species is only present in the northern Teno Mountains on Tenerife in the Canary Islands (Groh *et al.* 1994), but maybe more widespread between the sites (Groh, pers. comm., 2010) because of presence of habitats of laurisilva forest, which potentially could be colonised.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

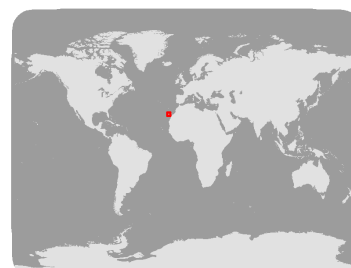


Canariella pthonera

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 difficult to detect because of low population density. Living animals have only been once detected at one site, so trends cannot be given

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs in Laurisilva forest where it is ground-dwelling in leaf-litter and under stones.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The main threat to this species is the disturbance due to the extraction of timber for agriculture use of laurisilva forest which could cause fluctuations in the populations.

Conservation Actions (see Appendix for additional information)

The species is only present in the northern Teno Mountains on Tenerife in the Canary Islands where Moliner Gomez *et al.* (2001) suggested it was sensitive to the alteration of the habitat. Its habitat should be protected.

Credits

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

Reviewer(s): 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?
1. Forest -> 1.4. Forest - Temperate	-	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.1. Intentional use: (subsistence/small scale)	Ongoing	Minority (50%)	Causing/could cause fluctuations	Low impact: 5
	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 extent of occurrence (EOO) (km ²): 75
Number of Locations: 6-10
Lower elevation limit (m): 400
Upper elevation limit (m): 1200
Population
Population severely fragmented: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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