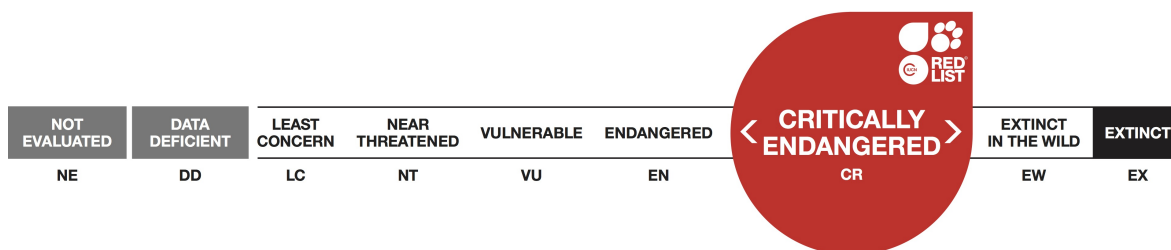


Geomitra delphinuloides

Assessment by: Seddon, M.B.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae

Taxon Name: *Geomitra delphinuloides* (R. T. Lowe, 1860)

Assessment Information

Red List Category & Criteria: Critically Endangered (Possibly Extinct) D [ver 3.1](#)

Year Published: 2013

Date Assessed: August 31, 2010

Justification:

The only site where the species was recorded in the last century has never been relocated despite intensive searching over the last 40 years. The distribution of land-snails on the island is well known, hence, as the species is large and conspicuous, the species is probably extinct, but listed as Critically Endangered, Possibly Extinct as the valleys are extremely steep, and hence there remains a possibility that the species has an extremely limited distribution in a remote area which was incorrectly described by Wollaston and Lowe in the original species description.

Date last seen: 1870s

Previously Published Red List Assessments

1996 – Critically Endangered (CR)

1994 – Extinct? (Ex?)

Geographic Range

Range Description:

This species is endemic to the Madeiran islands where it is mainly found as a Quaternary fossil at the east end of Madeira (Seddon 2008). Wollaston (1878) has a single record of the species from 1860, where it was found by Reverend Lowe in the Ribeira do Fayal at the foot of perpendicular crags along the new levada called the levada da Fajaa dos Vinhaticos. Since 1980, there have been numerous unsuccessful attempts to locate this site by various collectors such as Waldén, Seddon, Killeen, Colville, Coles, Cameron and Cook (Seddon and Cameron pers. comm. 2008).

Country Occurrence:

Possibly extinct: Portugal (Madeira)

Distribution Map

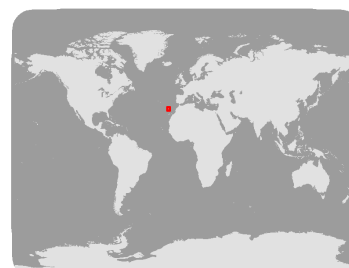


Geomitra delphinuloides

Range

■ Possibly Extinct

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 has not been collected since 1864 and may be extinct.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The only records are from moist soil surface amongst tufts of ferns, grasses within area of heather and *Vaccinium* with few laurisilva trees at foot of perpendicular crags (Wollaston 1878).

Systems: Terrestrial

Use and Trade

The species is not known to be utilised.

Threats

As this species has not been recorded for nearly 150 years the threats are difficult to establish, however at the time of the last record there was considerable habitat disturbance due to construction of the irrigation levadas on Madeira.

Conservation Actions

This species is listed on the EU Species and Habitats Directive, but has never been relocated despite extensive searches over the last 40 years.

Credits

Assessor(s): Seddon, M.B.

Reviewer(s): Cameron, R., Groh, K., Cuttelod, A. & Neubert, E.

Contributor(s): Abreu, C. & Teixeira, D.

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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	-	Unknown	-
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Unknown	-

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 extent of occurrence (EOO) (km ²): 99
Number of Locations: 1
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown

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