

Craspedopoma lyonnetianum

Assessment by: Seddon, M.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Architaenioglossa	Craspedopomatidae

Taxon Name: *Craspedopoma lyonnetianum* Lowe, 1852

Synonym(s):

- *Craspedoma lyonnetianum*

Assessment Information

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

Year Published: 2013

Date Assessed: August 31, 2010

Justification:

Seddon (2008) assessed this species as Vulnerable D2 (version 3.1) due to the limited number of known localities (under 5) with a gradual decline in habitat quality close to roads and gardens. Like all species on Madeira, the species also has a restricted extent of occurrence. Given the restricted number of localities, the fact that most locations are closely localised in central Madeira and possible threats related to the decline of the habitat quality of this species, it is listed as Vulnerable (VU) D2.

The species was previously assessed as Conservation Dependant, as most sites lie in the central area, where the laurisilva forest is protected. This category was removed in version 3.1, so the revised assessment is Vulnerable based on the range data.

Previously Published Red List Assessments

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

1994 – Rare (R)

Geographic Range

Range Description:

This species is endemic to Madeira, where it is mainly found in the laurisilva forest in the central mountains, although there is a single site on the north coast (Seddon 2008).

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map



Craspedopoma lyonnetianum

Range
■ Extant (resident)

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NE DD LC NT < **VU** > EN CR EW EX
VULNERABLE



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 found in a limited number of localities, suggesting it is relatively rare.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species is found in damp shaded ravines, at the base of tall crags and on rocky ledges amongst leaf-litter, soil and mosses.

Systems: Terrestrial

Use and Trade

The species is not utilised.

Threats (see Appendix for additional information)

This species is possibly affected by a gradual decline in habitat quality close to roads and along levadas (irrigation channels) where non-native plant species have become established.

Conservation Actions (see Appendix for additional information)

No specific conservation measures for this species are known, however most sites lie in the central area, where the laurisilva forest is protected, and as such protection of the habitat should provide protection for this species.

Credits

Assessor(s): Seddon, M.

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

Bibliography

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
1. Residential & commercial development -> 1.1. Housing & urban areas	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		
4. Transportation & service corridors -> 4.1. Roads & railroads	Ongoing	Majority (50-90%)	Causing/could cause fluctuations	Medium impact: 6
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		
8. Invasive & other problematic species & genes -> 8.1. Invasive non-native/alien species -> 8.1.1. Unspecified species	Ongoing	Unknown	Causing/could cause fluctuations	Unknown
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes
Percentage of population protected by PAs (0-100): 30-60

Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.2. Resource & habitat protection

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 736
Number of Locations: 5
Population
Population severely fragmented: No

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