

Actinella giramica

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae

Taxon Name: *Actinella giramica* (R.T. Lowe, 1852)

Taxonomic Notes:

Mandahl-Barth (1950) and Bank *et al.* (2002) treat this as a separate species. Waldén (1983) noted the status as a distinct species from *nitidiuscula* was uncertain. Seddon (pers. com, 2010) noted that detailed surveying may allow the recognition of the species limits between *A. nitidiuscula* and *A. giramica*.

Assessment Information

Red List Category & Criteria: Vulnerable D2 [ver 2.3](#)

Year Published: 2013

Date Assessed: September 24, 2010

Justification:

This species is known from a valley inland from Cabo Girao and is threatened by habitat loss due to the development of tourist accommodation. Seddon (2008) proposed the listing should be as Vulnerable (VU) D2, based on restricted area and possible threats of habitat decline due to development of land. This listing was confirmed during evaluation of this assessment (November, 2010).

Previously Published Red List Assessments

2000 – Vulnerable (VU)

1996 – Lower Risk/near threatened (LR/nt)

1994 – Vulnerable (V)

Geographic Range

Range Description:

This species is endemic to Madeira where it is restricted from Cabo Girao inland within this valley (Seddon 2008).

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map



Actinella giramica

Range
■ Extant (resident)

Compiled by:
 IUCN

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 is a large helcid which is easily collected and is frequent in samples taken within the right area (Seddon 2008).

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

The species is found in grassland, open scrubby vegetation and rocky slopes (Seddon 2008).

Systems: Terrestrial

Use and Trade

The species is not known to be utilised, although occasionally sold by shell dealers.

Threats (see Appendix for additional information)

The habitat has been subject to changing land-use practice as a result of hotel developments and increasing urbanisation and as such the quality of the habitat has declined (Seddon 2008).

Conservation Actions (see Appendix for additional information)

The habitat does not lie within a protected area and has been subject to changing land-use practice for the last 50 years as result of hotel developments and increasing urbanisation (Seddon 2008). Habitat monitoring and population monitoring are required to establish the species limits and check the long-term trends for the species.

Credits

Assessor(s): Seddon, M.B. & Abreu, C.

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

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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
4. Grassland -> 4.4. Grassland - Temperate	-	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.3. Tourism & recreation areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions Needed

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

Conservation Actions Needed
2. Land/water management -> 2.1. Site/area management

Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 50
Estimated extent of occurrence (EOO) (km ²): 736
Number of Locations: 4-6

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