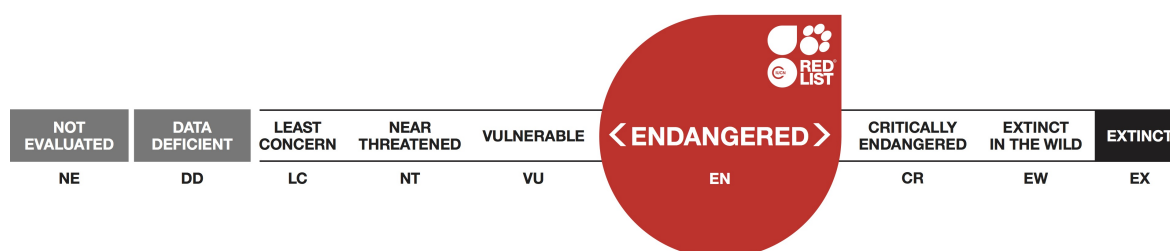


Actinella carinofausta

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: *Actinella carinofausta* Waldén, 1983

Taxonomic Notes:

This was listed as *Actinella* Form II in Waldén (1983), whereas other authors considered the species to be part of *Actinella fausta*. Bank *et al.* (2002) listed the taxa suggesting the type locality must be Estreito de Camara de Lobos

Assessment Information

Red List Category & Criteria: Endangered B2ab(iii) [ver 2.3](#)

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

Actinella carinofausta appears to be restricted to a single valley on Madeira, however the current population status requires further review, as it maybe closely related to other species of *Actinella*. It could be listed as Endangered, Vulnerable D2, Near Threatened pending the taxonomic research. On a precautionary principle the species is listed as Endangered as there is only a small known range at present (area of occupancy = 8 km²), with only two closely localised sites, and the quality of habitat seems to be declining.

Previously Published Red List Assessments

2000 – Vulnerable (VU)

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

1994 – Rare (R)

Geographic Range

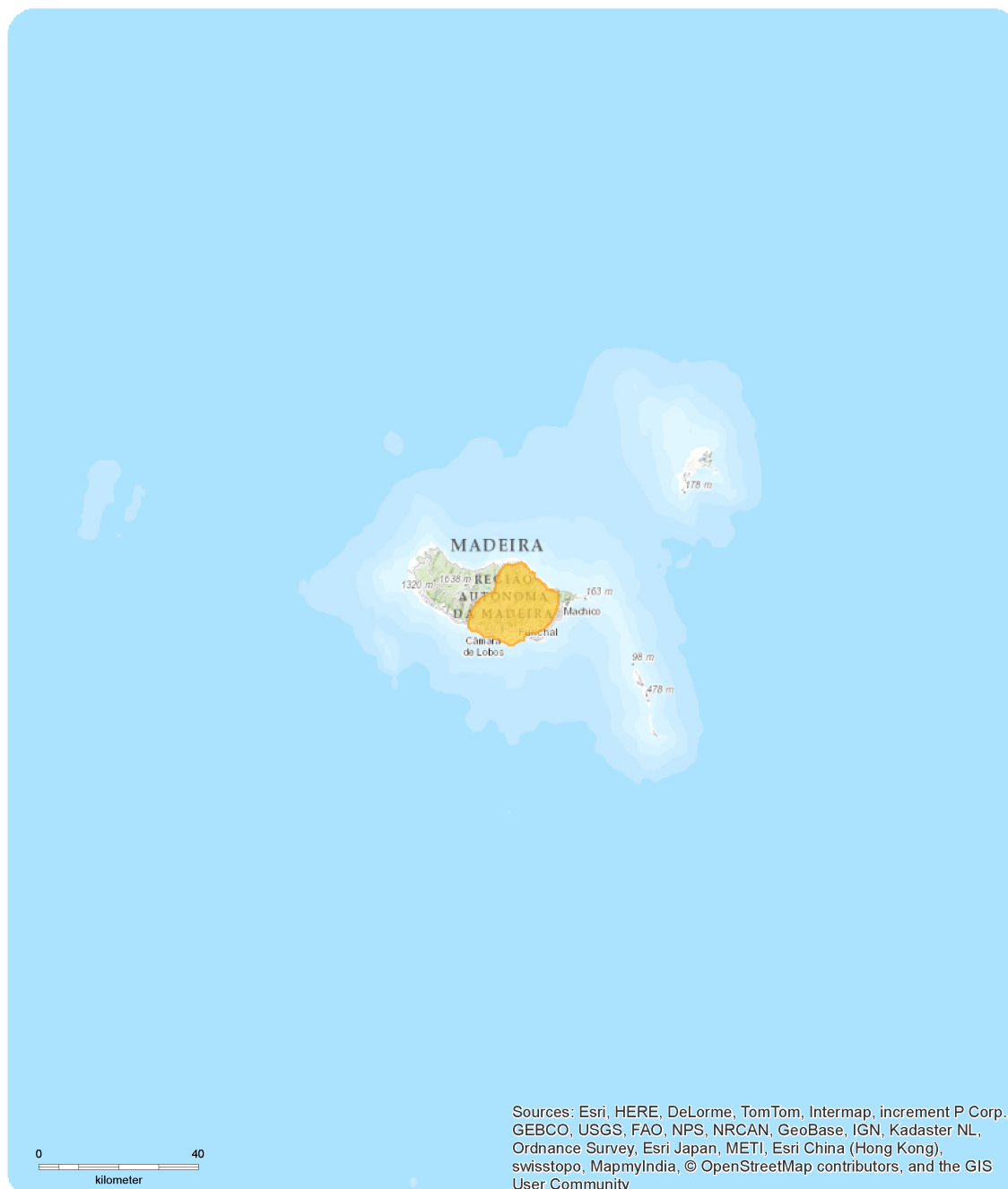
Range Description:

This species is considered to be endemic to Madeira, the taxa is rare, with most records from a single valley in the northeast of Madeira (Bank *et al.* 2002) (Estreito de Camera de Lobos), although Walden (1983) lists one locality from southern Madeira.

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

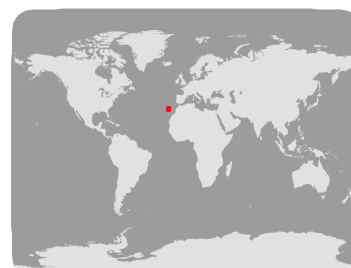


Actinella carinofausta

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 taxa is rare, with few records, and as such there is insufficient data for population trends.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species is found in grass tussocks, amongst rocks and leaf-litter.

Systems: Terrestrial

Use and Trade

The species is not known to be utilised.

Threats (see Appendix for additional information)

There is a possible decline in the habitat due to presence of roads through the habitat (litter, pollution, dust, non-native plants), as well as encroaching urbanization and occasional fires.

Conservation Actions

There are no known conservation actions for this species, however it is considered to be poorly known, with a need for further research on the population status, distribution and threats.

Credits

Assessor(s): Seddon, M.B.

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?
4. Grassland -> 4.4. Grassland - Temperate	-	Suitable	Yes
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	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	Future	Minority (50%)	Slow, significant declines	Low impact: 3
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		
4. Transportation & service corridors -> 4.1. Roads & railroads	Ongoing	Minority (50%)	Causing/could cause fluctuations	Low impact: 5
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	Minority (50%)	Slow, significant declines	Low impact: 5
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.5. Threats
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 8
Number of Locations: 3

Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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