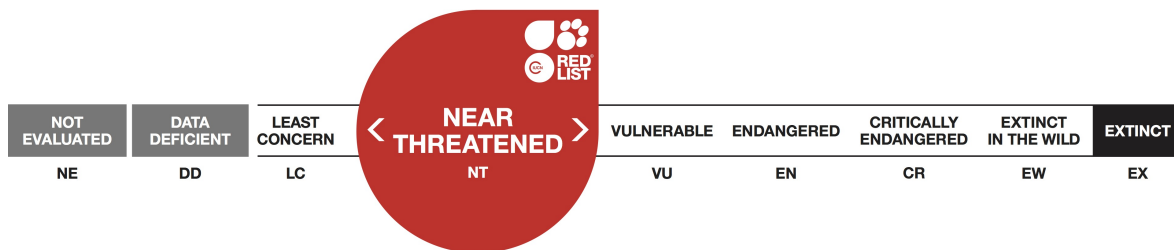


Actinella anaglyptica

Assessment by: Seddon, M.



[View on www.iucnredlist.org](http://www.iucnredlist.org)

Citation: Seddon, M. 2013. *Actinella anaglyptica*. *The IUCN Red List of Threatened Species 2013*: e.T500A13056002. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T500A13056002.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Hygromiidae

Taxon Name: *Actinella anaglyptica* (Reeve, 1852)

Assessment Information

Red List Category & Criteria: Near Threatened [ver 3.1](#)

Year Published: 2013

Date Assessed: August 31, 2010

Justification:

Seddon (2008) suggested an assessment of Vulnerable D2 (version 3.1) as this species has a restricted distribution (19 km²) with past threats from habitat degradation as the result of over-grazing. Past assessments have been Vulnerable since 1994. However, the habitats have been recovering for several years now after the removal of goats from the island and hence the removal of the major threat has led to improved quality of habitat for this species, hence it is given as revised listing as Near Threatened (NT). Should the habitats deteriorate, then the species will revert to Vulnerable D2.

Previously Published Red List Assessments

2000 – Vulnerable (VU)

1996 – Vulnerable (VU)

1994 – Vulnerable (V)

Geographic Range

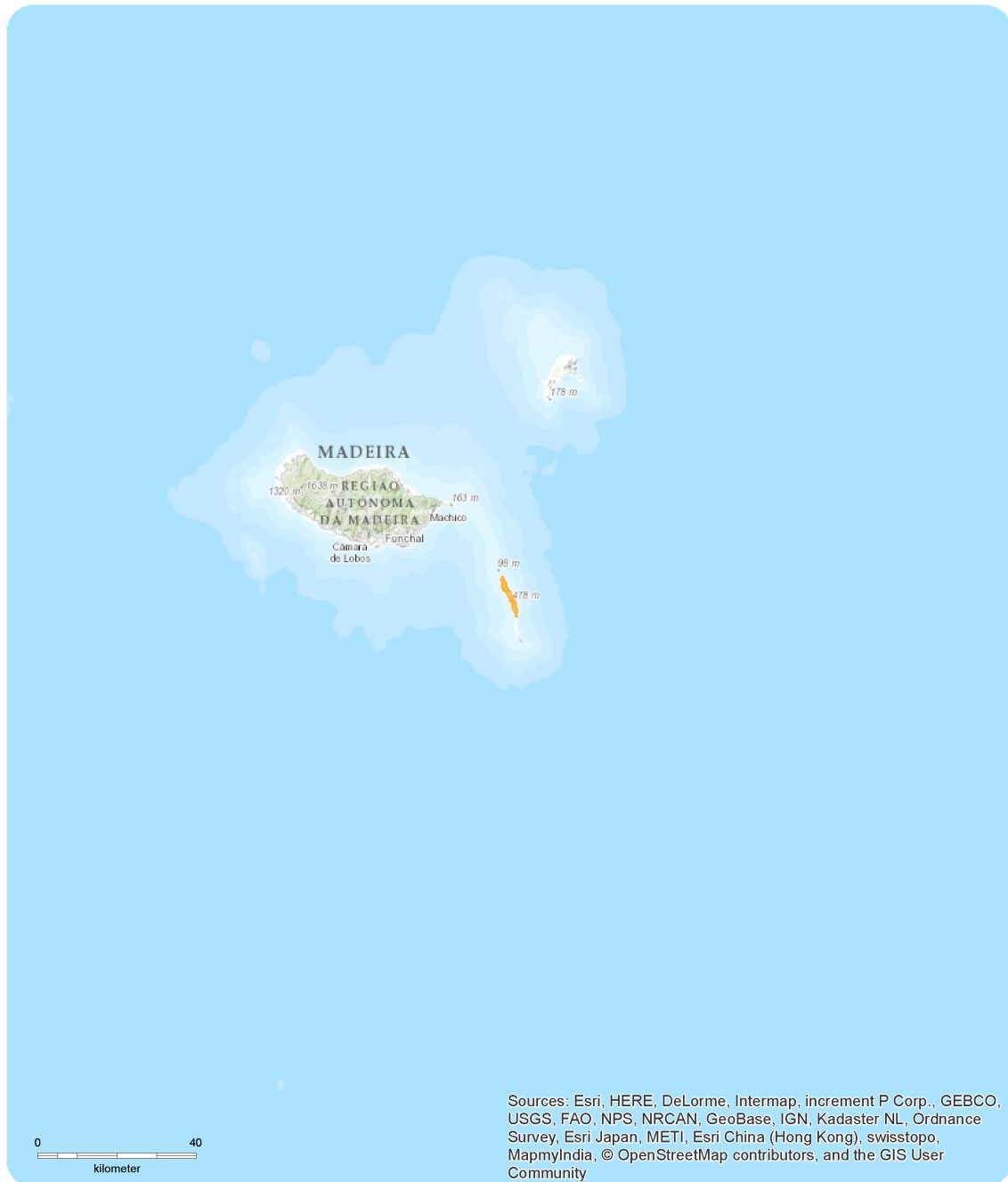
Range Description:

Actinella anaglyptica is endemic to the Madeiran Islands where it is restricted to the small island of Ilhas Desertas, where it is found in Chao (Cameron and Cook 1999, Seddon 2008).

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

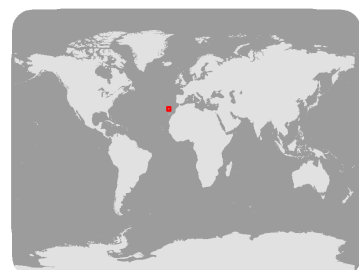


Actinella anaglyptica

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

There are little recent data on population trends for this species.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species is found in grass tussocks amongst rocks and herbs.

Systems: Terrestrial

Use and Trade

The species is not utilised.

Threats (see Appendix for additional information)

The habitat degradation on Chao, originally caused by overgrazing leading to soil erosion, with a subsequent decline in quality of habitats and decline in extent of vegetated cover has now been halted. However the species remains vulnerable to any changes to the land-area in centre of the island, for example construction or grazing, and as such the threats have declined, and are now subject to land management within the protected areas.

Conservation Actions (see Appendix for additional information)

The species has benefited from conservation actions targeted at other species with the aim to control and then remove the goats from Chao. This programme has been running for 10 years and has seen large reductions in the goat populations, and hence the habitats are stabilising. Further monitoring is required to review the population levels and recovery of this species.

Credits

Assessor(s): Seddon, M.

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

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Citation

Seddon, M. 2013. *Actinella anaglyptica*. *The IUCN Red List of Threatened Species 2013*: e.T500A13056002. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T500A13056002.en>

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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
6. Human intrusions & disturbance -> 6.3. Work & other activities	Future	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 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 -> 8.1.2. Named species (<i>Capra hircus</i>)	Past, unlikely to return	Majority (50-90%)	Slow, significant declines	Past impact
	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
1. Land/water protection -> 1.2. Resource & habitat protection
2. Land/water management -> 2.2. Invasive/problematic species control

Research Needed

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

Research Needed
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 19
Estimated extent of occurrence (EOO) (km ²): 19
Number of Locations: 1
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No

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