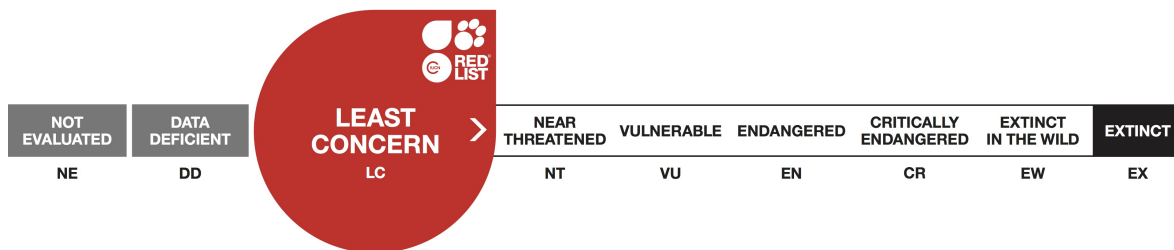


Leiostyla fusca

Assessment by: Seddon, M.B.



View on www.iucnredlist.org

Citation: Seddon, M.B. 2013. *Leiostyla fusca*. *The IUCN Red List of Threatened Species 2013*: e.T11466A3281143. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T11466A3281143.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Lauriidae

Taxon Name: *Leiostyla fusca* (R.T. Lowe, 1852)

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

This species could be regarded as a candidate for Near Threatened (version 3.1), as it has a restricted area of occupancy, it is known from c. 12 sites, all closely located on the north-west coast of Madeira and it occurs in cliff type habitats susceptible to disturbance by modifications to the roads, so it is close to meet the criteria for Vulnerable B2ab(iii). However, it is likely to be present on the extensive cliff habitats along the entire coast between Porto Moniz and Sao Vincente, and hence it is unlikely that the threats would lead to a decline that is sufficient to impact the entire cliff habitat, hence it is listed as Least Concern.

Previously Published Red List Assessments

1996 – Lower Risk/least concern (LR/lc)

1994 – Vulnerable (V)

Geographic Range

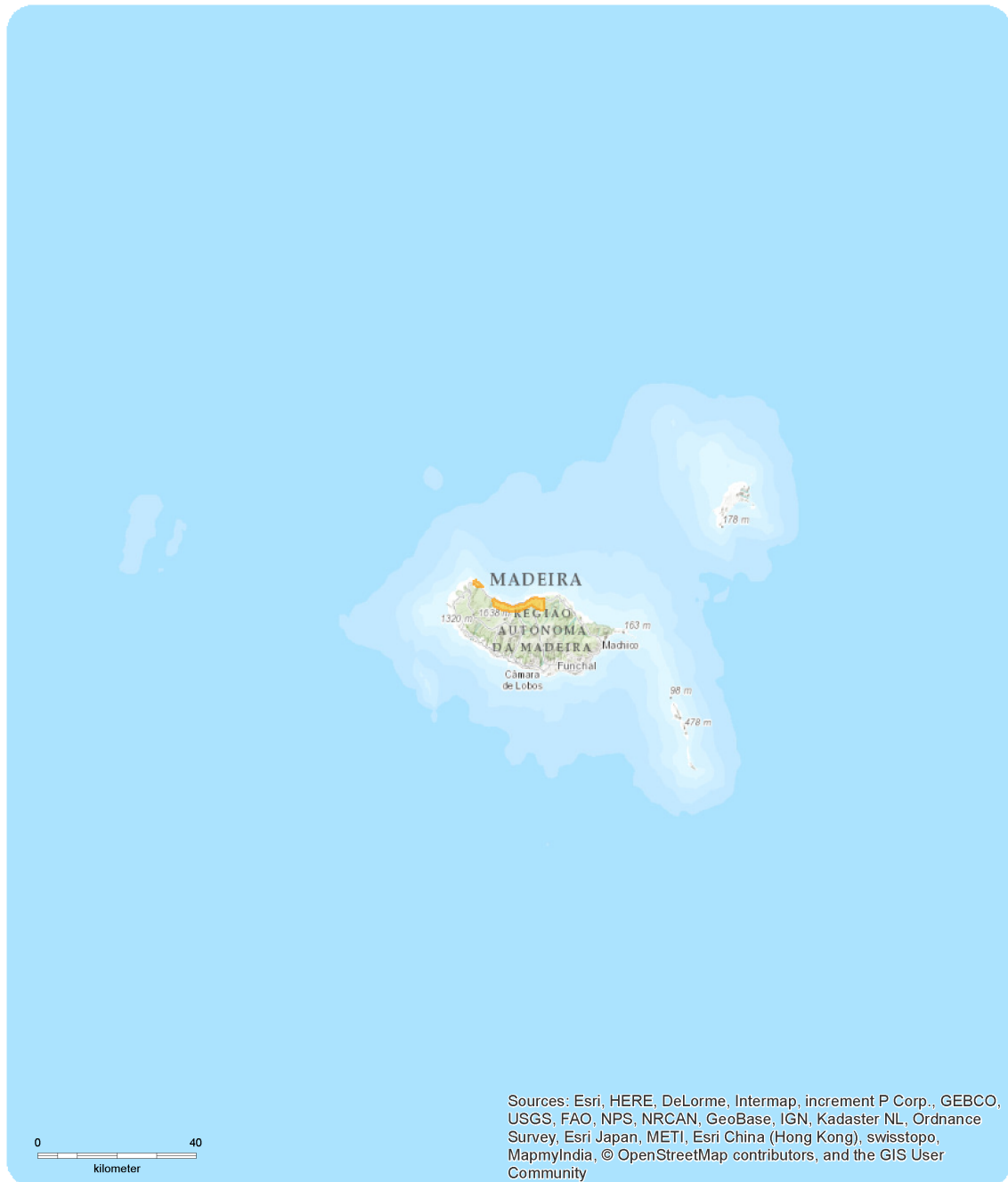
Range Description:

This species is present in a restricted area along the North Coast of Madeira, where it is known from at least 12 sites along the coast between Porto Moniz and Sao Vicente, but it is probably present at inaccessible portions of the cliffs.

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

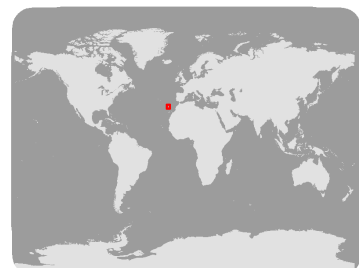


Leiostylia fusca

Range

■ Extant (resident)

Compiled by:
IUCN (International Union for Conservation of Nature)



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 is no population trend data, but the species is quite frequent in collecting surveys in correct habitats, so it is probably stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species occurs under dry leaves on rock ledges, behind *Sempervivum* on rock faces, within debris on rock ledges on dry crags.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The threats to the cliff type habitats are disturbance by modifications to the road which runs along the base of these sea-cliffs, however this impacts a small part of the range, and hence the threats are not viewed as being sufficiently high to endanger the species.

Conservation Actions

No conservation actions are known and none considered necessary, although habitat monitoring for other threatened species in this habitat would benefit this species.

Credits

Assessor(s): Seddon, M.B.

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

Bibliography

Cameron, R.A.D. and Cook, L.M. 1998. Forest and scrub snail faunas from northern Madeira. *Malacologia* 39: 29-38.

IUCN. 2011. IUCN Red List of Threatened Species (ver. 2011.1). Available at: <http://www.iucnredlist.org>. (Accessed: 16 June 2011).

Seddon, M.B. 2008. An illustrated compendium of the landsnails and slugs of the Madeiran archipelago. Studies in Biodiversity and Systematics of Terrestrial Organisms from the National Museum of Wales. Biotir Reports.

Citation

Seddon, M.B. 2013. *Leiostyla fusca*. *The IUCN Red List of Threatened Species 2013*: e.T11466A3281143. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T11466A3281143.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?
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
4. Transportation & service corridors -> 4.1. Roads & railroads	Future	Minority (50%)	Causing/could cause fluctuations	Low impact: 3
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		
6. Human intrusions & disturbance -> 6.1. Recreational activities	Ongoing	-	-	-
	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
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 736
Number of Locations: 12
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No

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