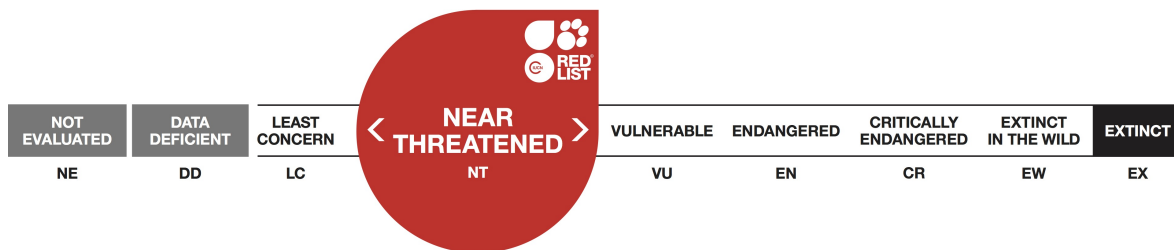


Leiostyla degenerata

Assessment by: Seddon, M.B.



View on www.iucnredlist.org

Citation: Seddon, M.B. 2013. *Leiostyla degenerata*. *The IUCN Red List of Threatened Species 2013*: e.T11463A3280617. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T11463A3280617.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Lauriidae

Taxon Name: *Leiostyla degenerata* Wollaston, 1886

Assessment Information

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

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

This species was previously regarded as a candidate for IUCN status Endangered B1ab(iii)+2ab(iii) (version 3.1) as it is only known from a small region of Porto Santo, around the summit areas of the mountains, and, in the past, there was some evidence of declining habitat quality due to agricultural change which merits higher listing than Vulnerable D2 (Seddon 2008). However, most recent visits to the island show that since the area of Pico Branco was designated a protected area, the threats have now been removed (Cameron, pers. comm., 2010), and as a consequence the species is now considered to be Near Threatened (NT).

Previously Published Red List Assessments

1996 – Vulnerable (VU)

1994 – Endangered (E)

Geographic Range

Range Description:

This species is endemic to Porto Santo on the north slopes of Pico Branco in an area about three km by two km (Seddon 2008). No fossil material has been found of this species (Cameron *et al.* 2006)

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

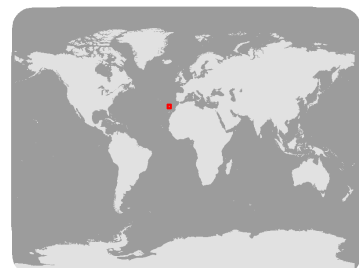


Leiostryla degenerata

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 are no recent data to establish population trends, but it is believed to be stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species was found in the crevices and in the leaf-litter on the rock ledges; *Leiostyla monticola* and *Leiostyla calathiscus* were living in the same habitat (Seddon 2008).

Systems: Terrestrial

Use and Trade

There is no known trade in this species.

Threats

There are no current threats following the designation of the region as a protected area. Although fire is a possible threat, it probably would not impact the species over the entire area, given the presence on rock crags and in fissures.

Conservation Actions

Since the area of Pico Branco was designated a protected area, the threats have now been removed (Cameron, pers. comm., 2010), however the species would benefit from a non-sampling based monitoring programme to establish future trends and re-occurrence of threats.

Credits

Assessor(s): Seddon, M.B.

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

Contributor(s): Cameron, R.

Bibliography

Cameron, R.A.D.C., Cook, L.M., Goodfriend, G.A. and Seddon, M.B. 2006. Fossil Landsnail faunas from Porto Santo, Madeiran Archipelago; change and stasis in Pleistocene to recent times. *Malacologia* 49(1): 25-59.

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 degenerata*. *The IUCN Red List of Threatened Species 2013*: e.T11463A3280617. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T11463A3280617.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

Research Needed

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

Research Needed
3. Monitoring -> 3.1. Population trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 6
Estimated extent of occurrence (EOO) (km ²): 42
Number of Locations: 1

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