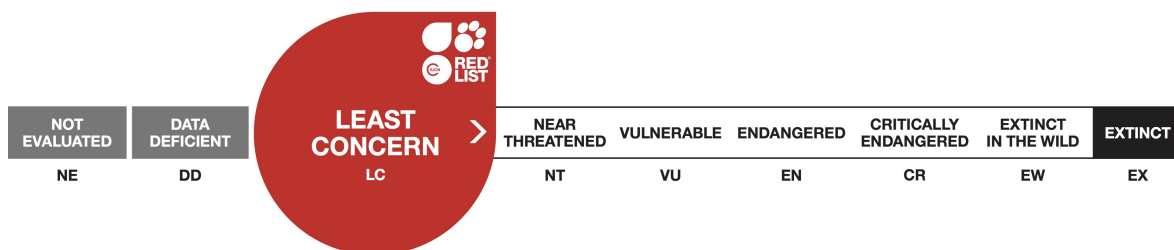


Amphorella mitriformis

Assessment by: Teixeira, D., Cameron, R., Seddon, M.B. & Groh, K.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Ferussaciidae

Taxon Name: *Amphorella mitriformis* (R.T. Lowe, 1852)

Synonym(s):

- *Achatina mitriformis* (R.T. Lowe, 1852)
- *Ferussacia mitriformis* (R.T. Lowe, 1852)
- *Glandina mitriformis* (R.T. Lowe, 1852)
- *Lovea mitriformis* (R.T. Lowe, 1852)

Taxonomic Source(s):

Bank, R.A. 2017. Fauna Europaea Project: Checklist of the land and freshwater Gastropoda of Europe. Last update: February 18th, 2017. Fauna Europaea Project: http://www.nmbe.ch/sites/default/files/uploads/PDF_Upload/fauna_europaea_2017_03_16.pdf. Hoogezand.

Assessment Information

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

Year Published: 2017

Date Assessed: November 22, 2016

Justification:

This species is endemic to the Madeira Archipelago (Portugal), where it occurs in Madeira Island and Desertas (Chão, Deserta Grande and Bugio). According to Seddon (2008), there are four confirmed locations of the species, however given the difficulty in separating this taxon from *A. tornatellina*, the present species might be under-recorded, and requires further distribution research. Since it is present in four different islands, there are probably more than four locations and no threats have been reported, the species is assessed as Least Concern (LC).

Geographic Range

Range Description:

This species is endemic to the Madeira Archipelago (Portugal), where it occurs in Madeira Island and Desertas (Chão, Deserta Grande and Bugio) (Teixeira and Cameron pers. comm. 2016). Cameron *et al.* (1996) recorded the species alive on Chão and Deserta Grande and as a fossil on Bugio.

Seddon (2008) stated that the species is restricted to four localities on Madeira but is probably under-recorded due to taxonomic difficulties in separating this taxon from *A. tornatellina*. The identification of the Madeira subpopulations requires further investigations.

Country Occurrence:

Native: Portugal (Madeira)

Population

There are no population abundance data for this species, although there have been regular records over the last 30 years.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species can be found under leaves and stones (on Madeira) or in debris on ledges on rock faces (on the Desertas Islands).

In Madeira, this species was found on grasslands (Ponta de São Lourenço) and in mild coastal sites between Calheta and Porto Moniz (southwest).

Systems: Terrestrial

Use and Trade

The species is not known to be utilized.

Threats

There are no known threats to this species.

Conservation Actions (see Appendix for additional information)

This species is protected under Natura 2000 SAC "Pico Branco", "Ponta de São Lourenço" and "Ilhas Desertas" and also on SCI "Paul do Mar - Jardim do Mar", which covers a huge part of its range. All the SAC have management and conservation plans in place and they all have established periodic species and habitat monitoring schemes.

Credits

Assessor(s): Teixeira, D., Cameron, R., Seddon, M.B. & Groh, K.

Reviewer(s): Neubert, E. & Allen, D.J.

Bibliography

Cameron, R.A.D., Cook, L.M. and Hallows, J.D. 1996. Land snails on Porto Santo: adaptive and non-adaptive radiation. *Philosophical Transactions of the Royal Society London, B* 351(1337): 309-327.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

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 2. National Museum of Wales, Cardiff.

Citation

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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	-
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Suitable	-

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Research, Monitoring and Planning
Systematic monitoring scheme: Yes
In-Place Land/Water Protection and Management
Conservation sites identified: Yes, over part of range
Occur in at least one PA: Yes
Percentage of population protected by PAs (0-100): 61-70

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 736
Number of Locations: 7
Population
Population severely fragmented: No

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