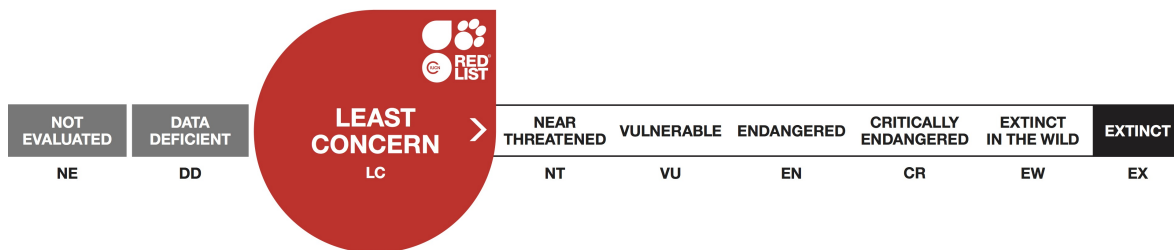


Oxychilus volutella

Assessment by: Seddon, M.B.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Oxychilidae

Taxon Name: *Oxychilus volutella* (L. Pfeiffer, 1856)

Synonym(s):

- *Zonites volutella* L. Pfeiffer, 1856

Taxonomic Source(s):

Bank, R.A. 2016. Fauna Europaea Project: Checklist of the land and freshwater Gastropoda of Europe: November 14th, 2016. Fauna Europaea Project. Hoogezand.

Taxonomic Notes:

This species group is in state of revision and the distribution information that has been published is conflicting. There will be new species descriptions from some islands. This conservation review is based on unpublished information from A. Frias Martins (pers. comm. 2016) and is based on anatomical data supporting identifications for the distribution data.

Assessment Information

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

Year Published: 2017

Date Assessed: October 22, 2016

Justification:

This species is endemic to the Azores Islands (Portugal), where it is only known from a single island, San Miguel (Cameron *et al.* 2007, Frias Martins 2008). The species has a restricted range, however it is currently not facing any threats, although there is habitat disturbance. The species is assessed as Least Concern (LC).

Geographic Range

Range Description:

This species is endemic to the Azores Archipelago (Portugal), where it is only recorded from San Miguel Island (A.M. Frias Martins pers. comm. 2016). The species is known from five widely scattered locations at a range of altitudes on the island (R.A.D. Cameron pers. comm. 2016). Previous records (e.g. Frias Martins 2008) from other islands in the Archipelago are incorrect. Backhuys (1975) also shows the species to be present on more islands, but this is based on information from the 19th century.

Country Occurrence:

Native: Portugal (Azores)

Distribution Map

Oxychilus volutella



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 information on the population trend, however the species is present at scattered locations over the island.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This is a forest species mainly found on the forest floor. It is tolerant of some disturbance.

Systems: Terrestrial

Use and Trade

There is no known trade in this species.

Threats

The species is currently not facing any threats although there is habitat disturbance.

Conservation Actions (see Appendix for additional information)

No conservation actions are known for this species. Some sites lie within a protected area. Monitoring of the species distribution and population trend are recommended.

Credits

Assessor(s): Seddon, M.B.

Reviewer(s): Cameron, R., Teixeira, D., Groh, K. & Allen, D.J.

Bibliography

Backhuys, W. 1975. *Land & Fresh-water Molluscs of the Azores*. Backhuys & Meesters, Amsterdam.

Cameron, R.A.D., da Cunha, R.M.T. and Frias Martins, A.M. 2007. Chance and necessity: land-snail faunas of São Miguel, Azores, compared with those of Madeira. *Journal of Molluscan Studies* 73: 11-21.

Frias Martins, A.M. 2008. Base de Dados da Biodiversidade dos Açores [Azorean Biodiversity Portal]: Terrestrial Molluscs. Universidade dos Açores.
<http://www.azoresbioportal.angra.uac.pt/index.php?lang=en>.

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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?
1. Forest -> 1.4. Forest - Temperate	Resident	Suitable	Yes

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
3. Monitoring -> 3.1. Population trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 800-1000
Lower elevation limit (m): 0
Upper elevation limit (m): 1000
Population
Population severely fragmented: No

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