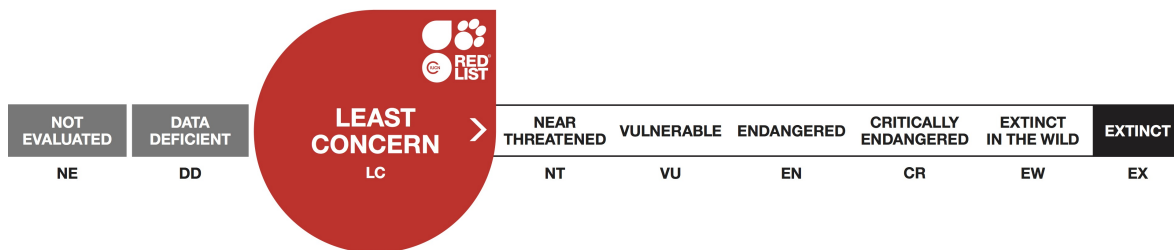


Oxychilus minor

Assessment by: Cameron, R., de Frias Martins, A.M. & Teixeira, D.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Oxychilidae

Taxon Name: *Oxychilus minor* Riedel, 1964

Synonym(s):

- *Helix cypria* Pfeiffer, 1847

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.

Assessment Information

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

Year Published: 2017

Date Assessed: November 28, 2016

Justification:

The present species is endemic to the Azores Archipelago (Portugal) in the Atlantic Ocean. It is only known from Pico and Faial (Frias Martin 2008, Atlas data) from 11 to 20 locations. The species is found in habitats with non-native *Aegopinella nitidula* on Pico and similarly to other species of its genus (A.M. Frias Martins pers. comm. 2016) it could be negatively affected by this or other non-native species. It is not though to be affected

by any other threats. As yet there is insufficient data to assess the impact of *Aegopinella nitidula* on the population, and hence the species is assessed as Least Concern (LC). If a monitoring programme shows that the populations are in decline, then it should be assessed as threatened or Near Threatened.

Geographic Range

Range Description:

This species is endemic to the Islands of Azores (Portugal) in the Atlantic Ocean, where it is only known from Pico and Faial (Frias Martins 2008, Atlas data). On Pico it is recorded from nine to ten locations and on Faial from two locations (Frias Martins 2008, Atlas data).

Country Occurrence:

Native: Portugal (Azores)

Distribution Map

Oxychilus minor



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 insufficient data to estimate the total population size of this species.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species is found in forested habitats, where it is typically living in leaf litter at the base of large trees, under and upon logs and by large rocks.

Systems: Terrestrial

Use and Trade

There is no known trade for this species.

Threats (see Appendix for additional information)

The species is found in habitats with the non-native snail *Aegopinella nitidula* on Pico, and similarly to other species of its genus (A.M. Frias Martins pers. comm. 2016) it could be negatively affected by this or other non-native species. On Faial, *Aegopinella nitidula* is present on the western side of the island and not in the habitats where the present species occurs.

Conservation Actions

There are no conservation actions known for this species. A monitoring programme is required to evaluate whether any populations are in decline as a result of the non-native species on Pico and Faial.

Credits

Assessor(s): Cameron, R., de Frias Martins, A.M. & Teixeira, D.

Reviewer(s): Groh, K. & Seddon, M.B.

Bibliography

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>.

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

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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	-	Suitable	-

Threats

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

Threat	Timing	Scope	Severity	Impact Score
8. Invasive and other problematic species, genes & diseases -> 8.1. Invasive non-native/alien species/diseases -> 8.1.1. Unspecified species	Ongoing	Minority (50%)	Unknown	Unknown
	Stresses:	2. Species Stresses -> 2.3. Indirect species effects -> 2.3.2. Competition		

Research Needed

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

Research Needed
3. Monitoring -> 3.1. Population trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 80-500
Number of Locations: 9-20
Population
Population severely fragmented: No
Habitats and Ecology
Generation Length (years): 1-2

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