

Ancylus aduncus

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Hygrophila	Planorbidae

Taxon Name: *Ancylus aduncus* A.A. Gould, 1847

Taxonomic Notes:

This species has often been placed in synonym with the widespread European river limpet *Ancylus fluviatilis*. The current status of this taxon is uncertain as the Madeiran populations were not examined by Albrecht *et al.* (2006), in their review of the phylogeny and taxonomic status of the river freshwater limpets in Europe. Several different species were recognised within the European river limpet *Ancylus fluviatilis*, some of which have a species name, other clades were more difficult to assign to a species name.

Assessment Information

Red List Category & Criteria: Data Deficient [ver 3.1](#)

Year Published: 2013

Date Assessed: November 25, 2009

Justification:

This species is abundant on the island of Madeira, and as such may merit a conservation status of Least Concern (LC), but given the taxonomic uncertainty of the species, it is listed as Data Deficient (DD), pending further research. If it is considered a distinct species it should be listed as Least Concern (LC). If it is considered to be part of a more widespread species, it should also be listed as Least Concern (LC).

Geographic Range

Range Description:

According to Fauna Europea (Bank *et al.* 2006) this species is endemic to the Madeiran Islands (Portugal) where it is restricted to the main island of Madeira. On Madeira a freshwater limpet is found widely around the island (Seddon pers. comm. 2010).

Country Occurrence:

Native: Portugal (Madeira)

Population

Although the taxonomic status of these populations is uncertain, the population status is considered stable as plenty of habitat is present on the island.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species is often found on grasses in the spray zone of waterfalls, as well as on rocks in rivers.

Systems: Freshwater

Use and Trade

This species is not utilised.

Threats

There are no specific threats to this species, as it is widespread in suitable habitats on the island.

Conservation Actions

This species requires a full taxonomic review to determine its status as a distinct species. However, no actions are necessary to conserve the population as the species is widespread and abundant in suitable habitats.

Credits

Assessor(s): Albrecht, C. & Seddon, M.B.

Reviewer(s): Cameron, R., Groh, K., Aldridge, D., Cuttelod, A. & Nichols, C.

Bibliography

Bank, R., von Proschwitz, T. and G. Falkner. 2006. *Unpublished manuscript of the mollusca section of the Fauna Europea web-site* (<http://www.faunaeur.org>).

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

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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?
5. Wetlands (inland) -> 5.1. Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	-	Suitable	Yes

Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 736
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Population
Population severely fragmented: No

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