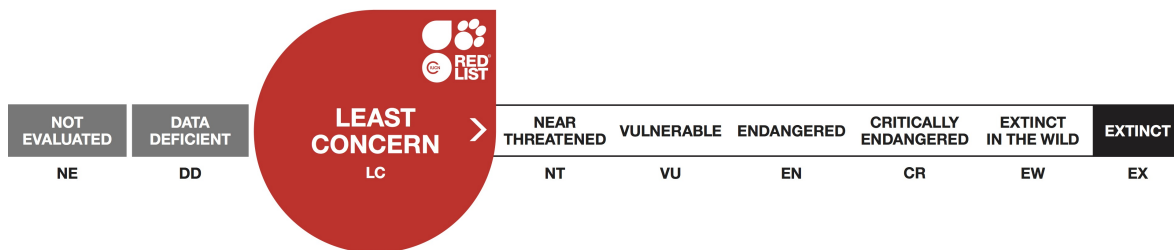


## *Boettgeria jensi*

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



View on [www.iucnredlist.org](http://www.iucnredlist.org)

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Clausiliidae

**Taxon Name:** *Boettgeria jensi* Neubert & Groh, 1998

### 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](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:** December 2, 2016

### Justification:

This species is endemic to the Madeiran Islands, where it is restricted to southern Deserta Grande and Bugio (Cameron and Cook 1999). Whilst the overall extent of occurrence (EOO) meets a threatened category, the number of subpopulations is large, the species is quite persistent and may have benefited from the habitat rehabilitation programmes. It is hence assessed as Least Concern (LC).

## Geographic Range

### Range Description:

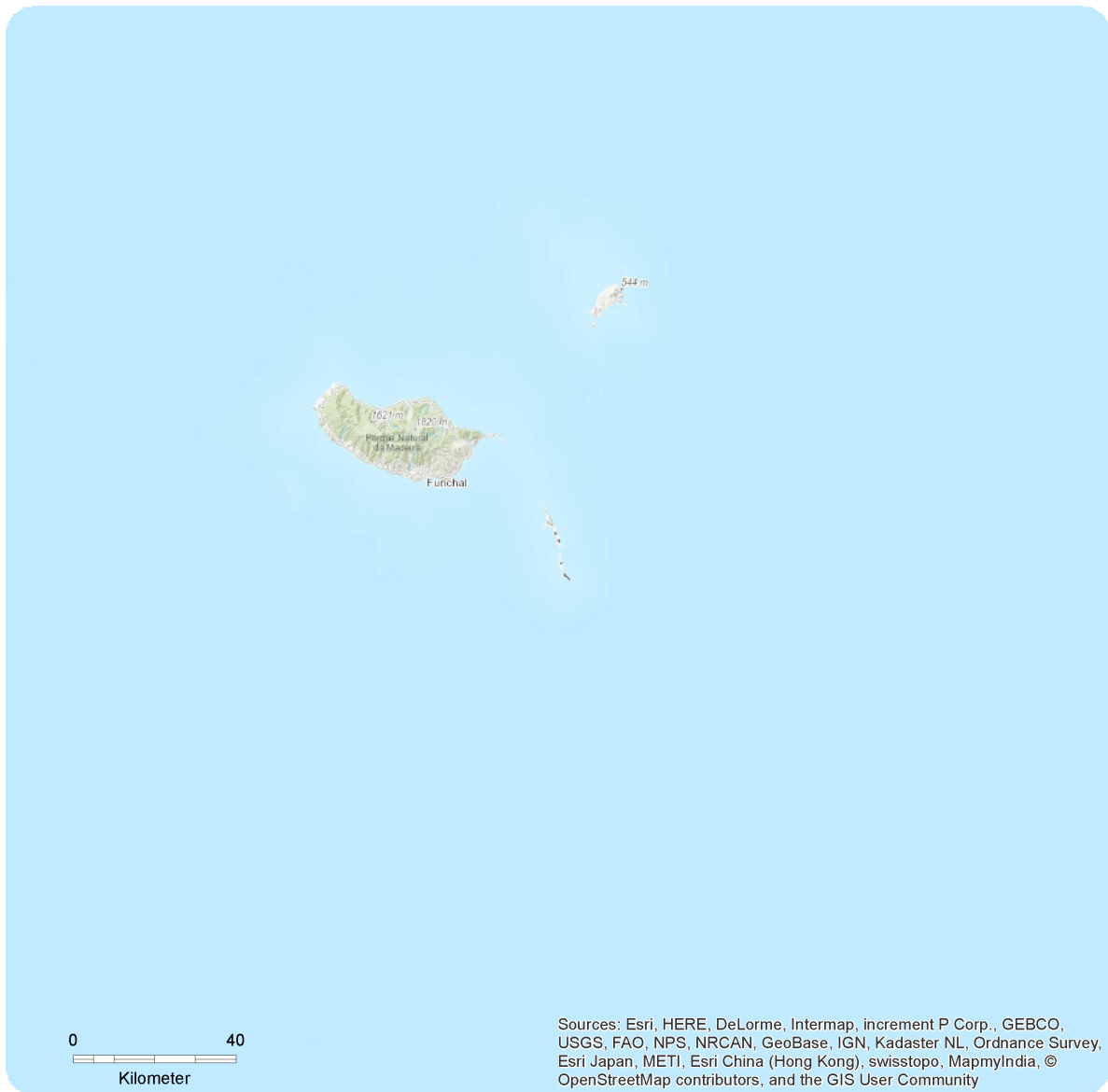
This species is endemic to the Madeiran Islands, where it is restricted to southern Deserta Grande and Bugio (Groh and Hemmen 1984, Cameron and Cook 1999, Bank 2002, Cameron *et al.* 2006, Seddon 2008). There is an additional record from the northern end of Deserta Grande (Neubert and Groh 1998), although this subpopulation has slight differences in shell characters.

### Country Occurrence:

**Native:** Portugal (Madeira)

# Distribution Map

*Boettgeria jensi*



## 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

The current trend is unknown. However new data from surveys of land snails currently being carried out on the island as part of a LIFE project will establish trends by 2018 (Teixeira pers. comm. 2016).

**Current Population Trend:** Unknown

## Habitat and Ecology (see Appendix for additional information)

The species is found to be conspecific with *B. deltostoma*, with which it coexists in different habitats, namely on the rock faces, or in the vegetation on the offshore islets (Neubert and Groh 1998, Cameron pers. comm. 2008).

**Systems:** Terrestrial

## Use and Trade

There is minor trade in this species by shell collectors, as in many endemic land snails from Madeira).

## Threats (see Appendix for additional information)

There are minor threats on the Desertas Islands, where habitat instability and soil erosion were problematic in the 1990s to 2000s after decades of overgrazing by introduced species (Goats, Rabbits). However, there has been a major programme of habitat rehabilitation conducted by the local agencies using fundings from LIFE and other sources.

## Conservation Actions (see Appendix for additional information)

Whilst this species is not listed as a species of conservation interest by the EU, it does occur within a protected areas with a major programme of rehabilitation conducted by the local agencies using LIFE funding. A part of the current programme aims to survey the land snails on the island (Teixeira pers. comm. 2016).

## Credits

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

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

## Bibliography

Bank, R.A., Groh, K. and Ripken, T.E. 2002. Catalogue and Bibliography of the non-marine Mollusca of Macronesia. In: M. Falkner, K. Grah and M.C.D. Speight (eds), *Collectanea Malacologica*, pp. 89-235.

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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 -> 4.5. Grassland - Subtropical/Tropical Dry	-	Suitable	-
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Suitable	-

## Threats

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

Threat	Timing	Scope	Severity	Impact Score
10. Geological events -> 10.3. Avalanches/landslides	Ongoing	Minority (50%)	Negligible declines	Low impact: 4
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		
11. Climate change & severe weather -> 11.2. Droughts	Ongoing	Majority (50-90%)	Negligible declines	Low impact: 5
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance 2. Species Stresses -> 2.3. Indirect species effects -> 2.3.7. Reduced reproductive success		
8. Invasive and other problematic species, genes & diseases -> 8.1. Invasive non-native/alien species/diseases -> 8.1.1. Unspecified species	Past, likely to return	Majority (50-90%)	Causing/could cause fluctuations	Past impact
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		

## 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
3. Monitoring -> 3.1. Population trends

## Additional Data Fields

<b>Distribution</b>
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 13
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 32
Lower elevation limit (m): 0
Upper elevation limit (m): 600
<b>Population</b>
Population severely fragmented: No

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