

Monilearia granostriata

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Cochlicellidae

Taxon Name: *Monilearia granostrata* (Mousson, 1857)

Synonym(s):

- *Ripkeniella granostrata* (Mousson, 1857)

Taxonomic Notes:

This species was described from Lanzarote, but it actually lives only on Fuerteventura. This is probably due to a confusion of museum labels.

Assessment Information

Red List Category & Criteria: Critically Endangered B1ab(iii)+2ab(iii) [ver 3.1](#)

Year Published: 2013

Date Assessed: March 24, 2011

Justification:

This species is known from a very restricted area in the central part of the Jandia Pensinsula on Fuerteventura, with one location and seven sites. The species is threatened by uncontrolled goat grazing, and thus is assessed as Critically Endangered (CR) B1ab(iii)+2ab(iii).

Geographic Range

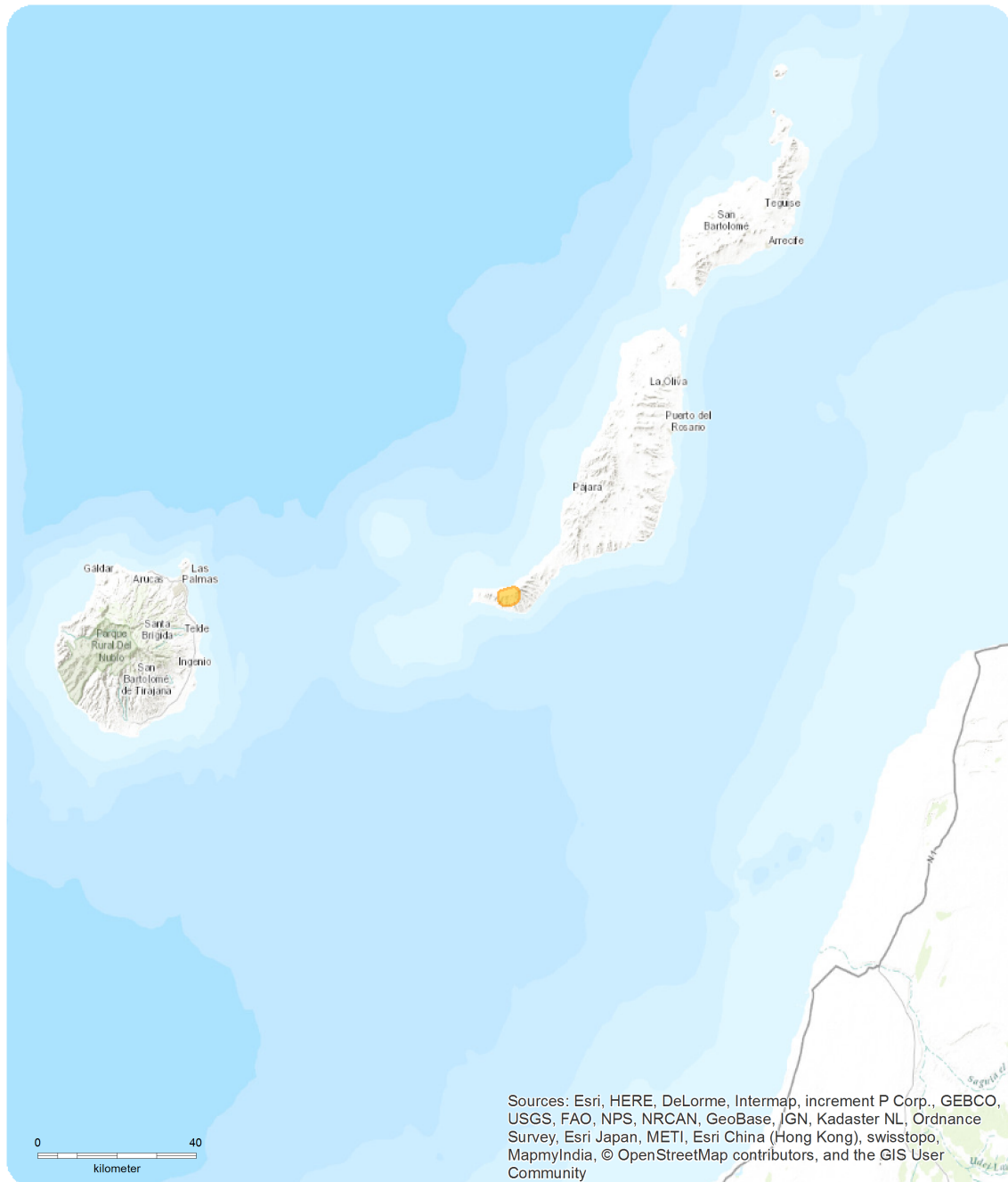
Range Description:

This species lives in a very restricted area in the central part of the Jandia Pensinsula on Fuerteventura.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

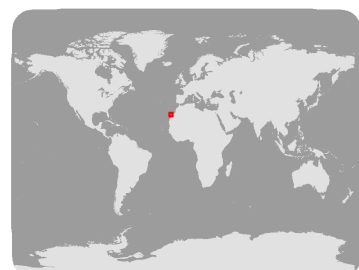


Monilearia granostriata

Range

■ Extant (resident)

Compiled by:
IUCN



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 available on the population size of this species.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species is a rock dweller; the habitat consists of lichen-rich volcanic rocks including a sparse grassy vegetation.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The main threats are from goats and tourist recreation, although the impact on the habitats is more uneven and hence the species is assessed on limited range.

Conservation Actions (see Appendix for additional information)

This area is already under protection. However, it is highly recommended to control the grazing by goats. A removal of these animals from the area would be the most efficient measure to be taken.

Credits

Assessor(s): Groh, K. & Neubert, E.

Reviewer(s): Cuttelod, A. & Bilz, M.

Bibliography

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

Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.3. Tourism & recreation areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
6. Human intrusions & disturbance -> 6.1. Recreational activities	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
8. Invasive & other problematic species & genes -> 8.1. Invasive non-native/alien species -> 8.1.2. Named species (Capra hircus)	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		

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

Conservation Actions Needed

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

Conservation Actions Needed
2. Land/water management -> 2.2. Invasive/problematic species control

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 8
Estimated extent of occurrence (EOO) (km ²): 9
Number of Locations: 1
Population
Population severely fragmented: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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