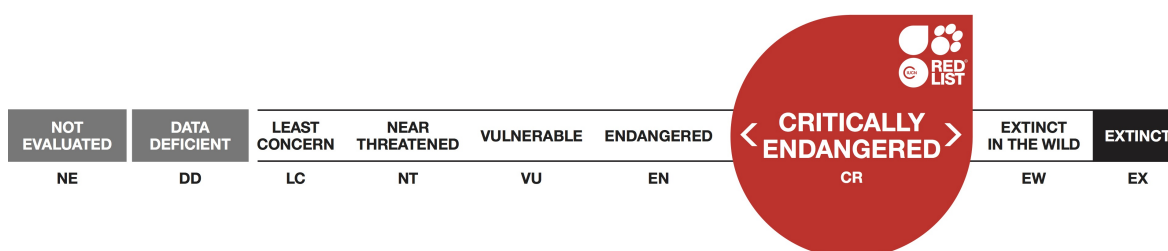


Monilearia arguineguinensis

Assessment by: Neubert, E. & Groh, K.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Cochlicellidae

Taxon Name: *Monilearia arguineguinensis* (Seddon & Aparicio, 1998)

Synonym(s):

- *Xerotricha arguineguinensis*

Taxonomic Notes:

This is a replacement name for *Helix canariensis* Mousson, 1872 (see Seddon and Aparicio 1998).

Assessment Information

Red List Category & Criteria: Critically Endangered B2ab(ii,iii) [ver 3.1](#)

Year Published: 2013

Date Assessed: March 24, 2011

Justification:

This species is endemic to the east coast of Gran Canaria. Although this area is quite well researched, there is only one location known for this species (Seddon and Aparicio 1998). Obviously, this species lives in a very restricted area, and the area of occupancy (AOO) can be considered to be very small (less than 10 km²). The habitat is seriously threatened by continuing constructions. This species is assessed as Critically Endangered (CR) B2ab(ii, iii).

Geographic Range

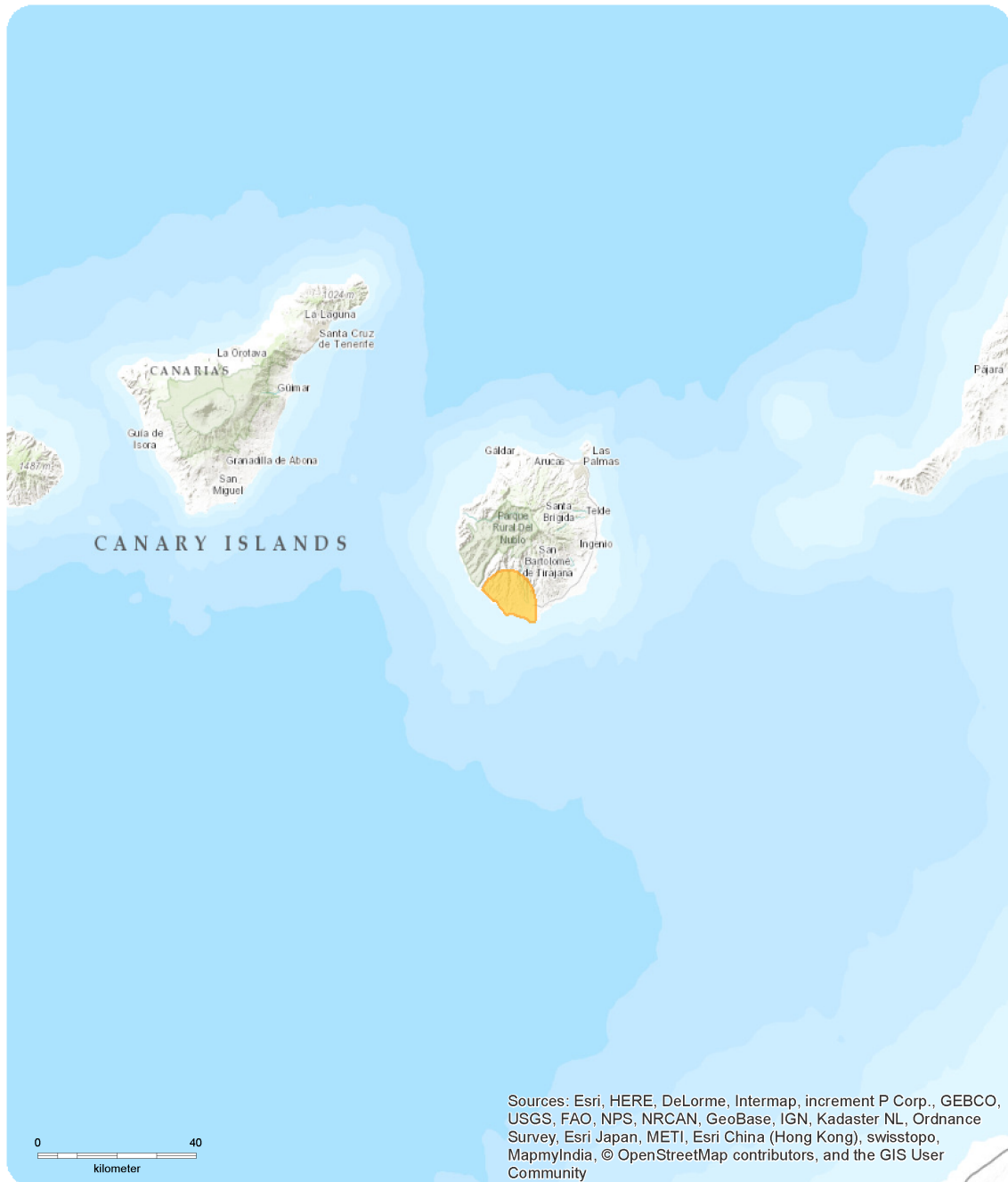
Range Description:

This species is endemic to the east coast of Gran Canaria. Although this area is quite well researched, there is only one location known for this species (Seddon and Aparicio 1998). Obviously, this species lives in a very restricted area, and the AOO can be considered to be very small (less than 10 km²).

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

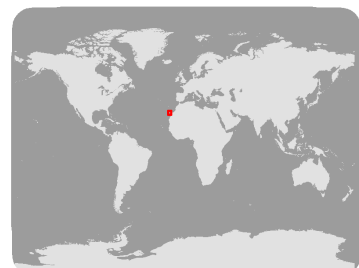


Monilearia arguineguensis

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 lives in the dry temperate shrub vegetation (Piso basal).

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The coastal area is subject to heavy urbanisation, logging, and road construction. These threats might impact the population of this species.

Conservation Actions (see Appendix for additional information)

Protection of the habitat against ongoing construction is required.

Credits

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

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).

Seddon, M. and Aparicio, M.T. 1998. Problematic taxa from Morocco - the status of *Helix argonautula* Webb & Berthelot 1933, *Helix renati* Dautzenberg 1894, and *Xeroleuca antoinei* Pallary, 1936. *Journal of Conchology* 36(2): 19-29.

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?
3. Shrubland -> 3.4. Shrubland - Temperate	-	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
4. Transportation & service corridors -> 4.1. Roads & railroads	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.1. Intentional use: (subsistence/small scale)	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.1. Site/area protection

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 4
Continuing decline in area of occupancy (AOO): Yes
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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