

Monilearia tumulorum

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Cochlicellidae

Taxon Name: *Monilearia tumulorum* (Webb & Berthelot, 1833)

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 assessed as Critically Endangered (CR) B1ab(iii)+2ab(iii), as it has a restricted range (one location and an area of occupancy of 4 km²), with a small population which is currently threatened as a result of military activities, as it lies within a military training area, with future threats from urban expansion if the military training area designation is removed. Recommended conservation actions include the designation of a 'reserva natural' for the species.

Geographic Range

Range Description:

This species is endemic to the island of Gran Canaria. It lives restricted on La Isleta, a peninsula north of Las Palmas de Gran Canaria.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

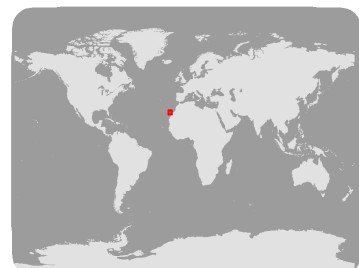


Monilearia tumulorum

Range

■ Extant (resident)

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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 no data on the population size or trend.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This is a ground-dwelling species found in typical lowland canary island vegetation often under stones or within stone walls.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The major threat comes from habitat destruction as the result of military activities within the military range. In the future there are proposals to remove the military range and use the site for urban expansion.

Conservation Actions (see Appendix for additional information)

The habitat requires conservation in order to protect the species. Further data would be required for long-term monitoring of the habitat trends. This species is not listed as Critically Endangered on the Spanish Red List by Verdu and Galante (2009) and is not on the register of Endangered Species for Canary Islands. Actions recommended include the provision of a protected area from Monte del Faro to Montana Colorada.

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

Threats

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

Threat	Timing	Scope	Severity	Impact Score
6. Human intrusions & disturbance -> 6.2. War, civil unrest & military exercises	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		

Conservation Actions Needed

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

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

Research Needed

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

Research Needed
3. Monitoring -> 3.1. Population trends
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 4
Estimated extent of occurrence (EOO) (km ²): 4
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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