

Monilearia pulverulenta

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Cochlicellidae

Taxon Name: *Monilearia pulverulenta* (R.T. Lowe, 1861)

Synonym(s):

- *Xerotricha pulverulenta*

Assessment Information

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

Year Published: 2013

Date Assessed: March 24, 2011

Justification:

The species has an extremely restricted area of occupancy (8 km²) and is known from only one location. Its habitat is already severely impacted by touristic infrastructure. There is no data whether there are surviving subpopulations still existing, or whether the species is gone extinct; the species is considered as Critically Endangered, Possibly Extinct B1ab(iii)+2ab(iii).

Geographic Range

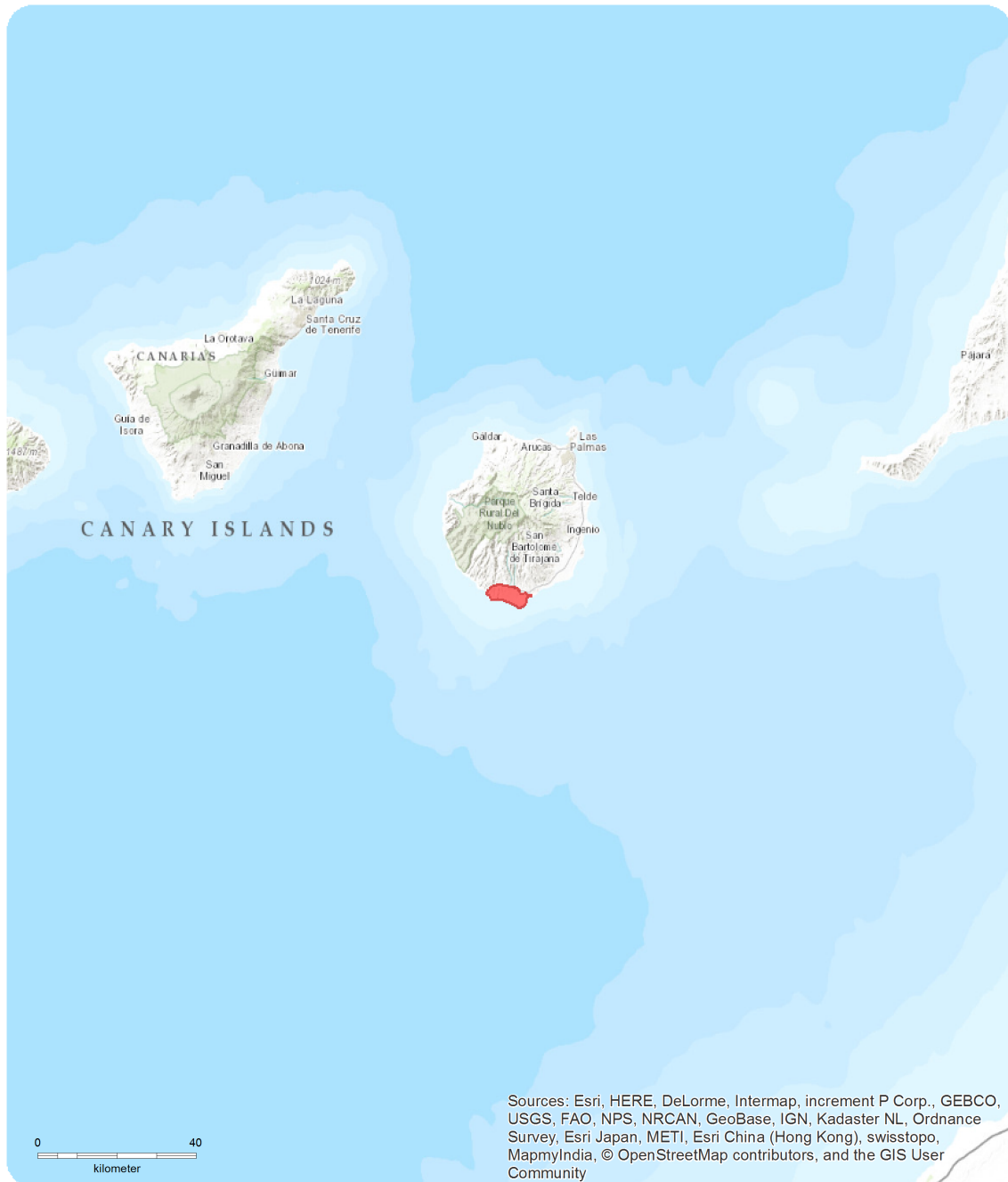
Range Description:

This species is endemic to the island of Gran Canaria. It is restricted to the area beyond the dune of Maspalomas stretching towards Arguineguin (Wollaston 1878).

Country Occurrence:

Possibly extinct: Spain (Canary Is.)

Distribution Map



Monilearia pulverulenta

Range

■ Possibly Extinct

Compiled by:
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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 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 type locality of this species (described in 1878) is most probably destroyed by construction of hotels and other tourist infrastructure in the municipality of Maspalomas and Playa del Inglés.

Conservation Actions

There is no conservation known for this species or the area.

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).

Wollaston, T.V. 1878 *Testacea Atlantica or the land and freshwater shells of Azores, aderiras, Salvages, Canaries, Cape Verdes and Saint Helena*. London; Reeve.

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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 -> 1.3. 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		

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 8
Estimated extent of occurrence (EOO) (km ²): 8
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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