

Plutonia falcifera

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Vitrinidae

Taxon Name: *Plutonia falcifera* Ibañez & Groh, 2000

Taxonomic Notes:

The family Vitrinidae in the Canary Islands have been treated by Valido *et al.* (1999).

Assessment Information

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

Year Published: 2013

Date Assessed: September 29, 2010

Justification:

This species is endemic to La Gomera where it is found in a single location which lies close to the capital of the island, and hence there is a risk that urban encroachment will lead to decline of the habitat, and hence impact this species. It is therefore listed as Critically Endangered (CR) B2ab(iii).

Geographic Range

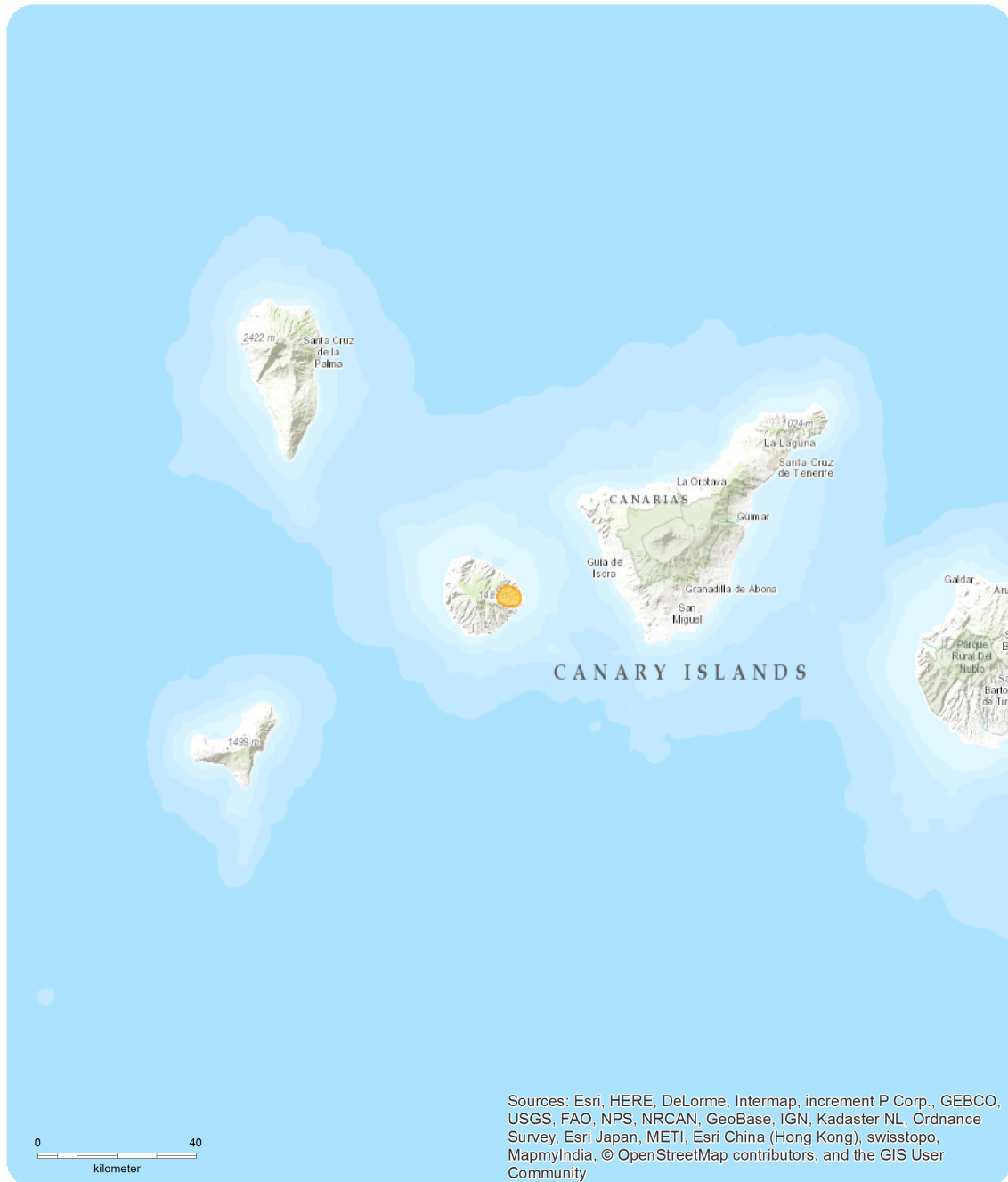
Range Description:

This species is endemic to La Gomera where it is found in a single site on the south-eastern coast between 200 and 600 m asl (Valido *et al.* 2000 gives a map).

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

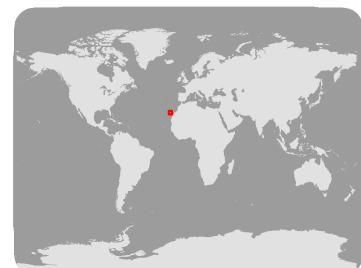


Plutonia falcifera

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 data on the population, but it is believed to be rare (Groh, pers. comm., 2010).

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs in pine forest and in "piso basal", typical lowland vegetation.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

There are no specific threats listed in Moliner Gomez *et al.* (2001), however the site lies close to the capital of this island, and hence the site is potentially vulnerable to encroachment of urban areas.

Conservation Actions (see Appendix for additional information)

This species is listed as Near to Extinction by Moliner Gomez *et al.* (2001) and Endangered by Valido *et al.* (1999). Proposed conservation actions include protection of the habitat and long-term monitoring.

Credits

Assessor(s): Alonso, R. & Groh, K.

Reviewer(s): Neubert, E., Seddon, M.B., Gómez, B. & Cuttelod, A.

Bibliography

Gomez Moliner, B., Moreno, D., Rolan, E., Araujo, R. and Alvarez, R.M. 2001. *Proteccion de Moluscos en el Catalogo nacional de especies amenazadas*. SEM, Madrid.

IUCN. 2011. IUCN Red List of Threatened Species (ver. 2011.1). Available at: <http://www.iucnredlist.org>. (Accessed: 16 June 2011).

Valido, M.J., Ibanez, M. and Alonso, M.R. 1999. Estado de conservación de los vitrinidos canarios (Gastropoda, Pulmonata: Vitrinidae). *Revista de la Academia Canaria de las Ciencias* 11(3-4): 245-264.

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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?
1. Forest -> 1.4. Forest - Temperate	-	Suitable	Yes
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	Future	Majority (50-90%)	Rapid declines	Low impact: 5
	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 -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 5
Number of Locations: 1
Lower elevation limit (m): 200
Upper elevation limit (m): 600

Population
Population severely fragmented: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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