

Plutonia taburientensis

Assessment by: Groh, K. & Alonso, R.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Vitrinidae

Taxon Name: *Plutonia taburientensis* Groh & Valido, 2000

Taxonomic Notes:

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

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2013

Date Assessed: September 29, 2010

Justification:

This species is restricted to La Palma where it is found in 10 scattered locations, in an area of occupancy of 250 km². Valido *et al.* (1999) suggested this species at a low risk of extinction. It is listed as Least Concern (LC).

Geographic Range

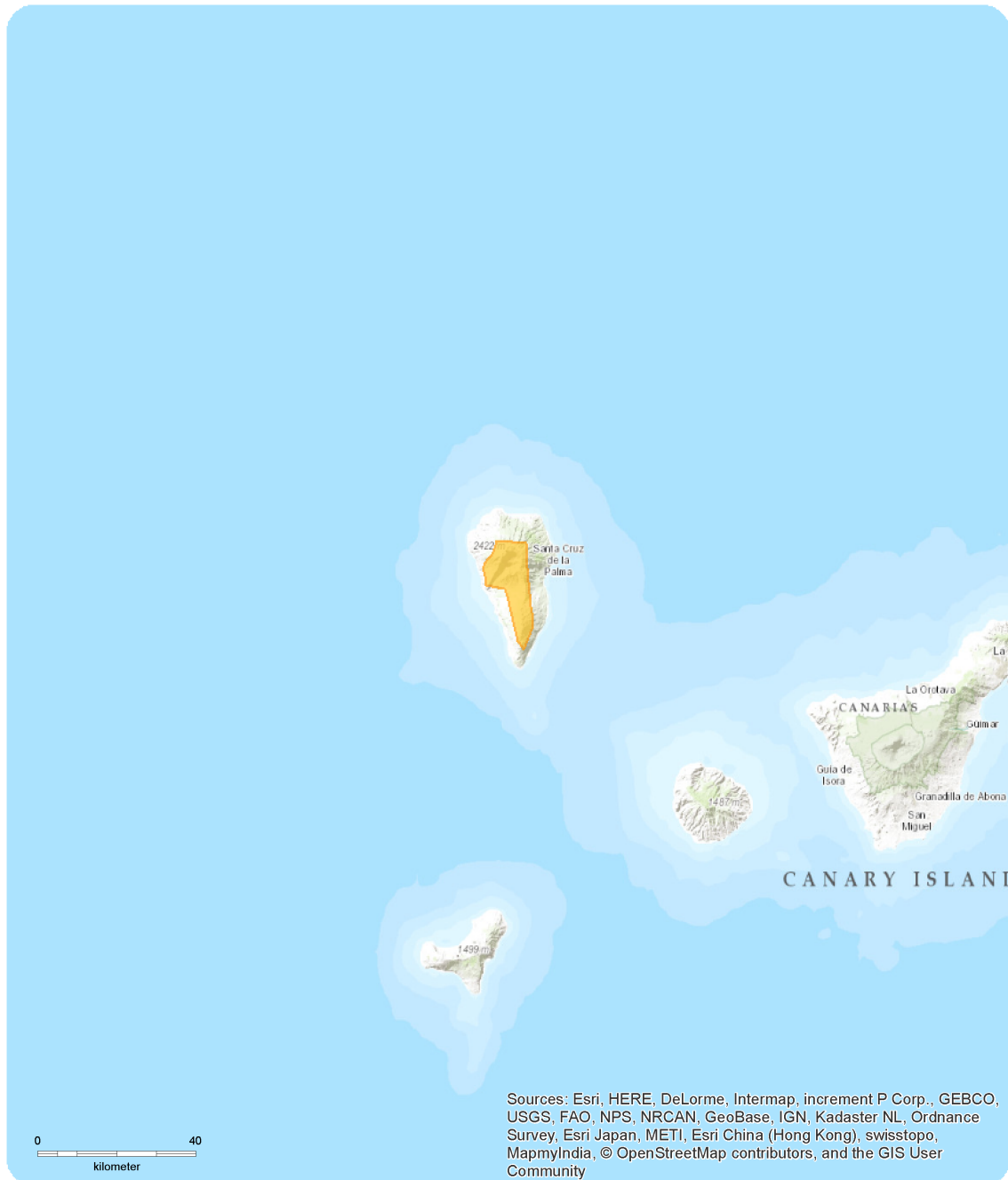
Range Description:

This species is endemic to the Canary Islands, where it is found on La Palma, scattered on the eastern slopes and inside of the Caldeira as well as in a few locations in the southern part of the island.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map



Plutonia taburientensis

Range
■ Extant (resident)

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NE DD LC > NT VU EN CR EW EX
LEAST CONCERN



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



Population

This species has possibly been impacted by recent wild-fires which affected this zone in the last 10 years. The subpopulations are scattered, but widespread on the Island of La Palma.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs mainly on pine forests and lowland zones.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The major threats are from increased frequency and intensity of wild-fires which have been through this zone in the last 10 years, as well as logging.

Conservation Actions (see Appendix for additional information)

There are no known conservation actions for this species, but most of the area is in protected areas. Valido *et al.* (1999) suggested this species was at low risk of extinction.

Credits

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

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

Bibliography

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
14. Artificial/Terrestrial -> 14.1. Artificial/Terrestrial - Arable Land	-	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 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

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 250
Number of Locations: 10
Lower elevation limit (m): 300
Upper elevation limit (m): 1800

Population
Population severely fragmented: No

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