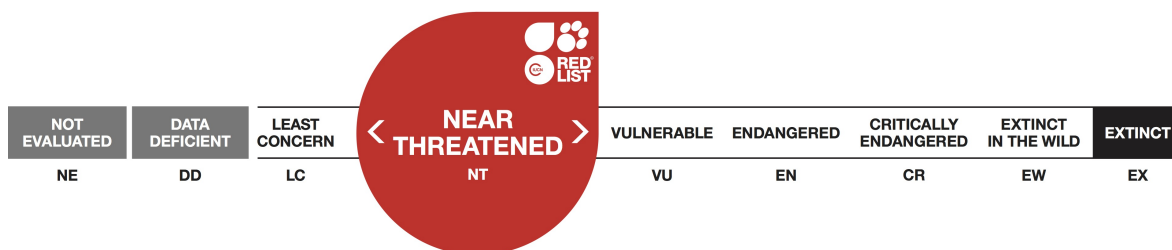


## *Plutonia tuberculata*

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



View on [www.iucnredlist.org](http://www.iucnredlist.org)

**Citation:** Groh, K. & Alonso, R. 2013. *Plutonia tuberculata*. *The IUCN Red List of Threatened Species 2013*: e.T10836A3221402. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T10836A3221402.en>

**Copyright:** © 2015 International Union for Conservation of Nature and Natural Resources

*Reproduction of this publication for educational or other non-commercial purposes is authorized without prior written permission from the copyright holder provided the source is fully acknowledged.*

*Reproduction of this publication for resale, reposting or other commercial purposes is prohibited without prior written permission from the copyright holder. For further details see [Terms of Use](#).*

*The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [Microsoft](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); [Wildscreen](#); and [Zoological Society of London](#).*

*If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.*

## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Vitrinidae

**Taxon Name:** *Plutonia tuberculata* Ibanez & Alonso, 1986

**Synonym(s):**

- *Insulivitrina tuberculata*

**Taxonomic Notes:**

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

## Assessment Information

**Red List Category & Criteria:** Near Threatened [ver 3.1](#)

**Year Published:** 2013

**Date Assessed:** September 29, 2010

**Justification:**

This species is found in the Anaga Mountains, a remote area, where it does not face any major threats. However, the species is only known from 3 locations, where it is very rarely found. The populations size is probably quite low. Monitoring of this species is requested to gain data on the fluctuation of the population trend. The species is listed as Near Threatened (NT), as in case of a stochastic event, due to fire or extreme weather events, the habitat and hence the species could rapidly decline. In such cases, the species could qualify as Critically Endangered (CR) B2ab(iii).

**Previously Published Red List Assessments**

1996 – Lower Risk/near threatened (LR/nt)

1994 – Rare (R)

## Geographic Range

**Range Description:**

This species is endemic to Tenerife where it is found in the Anaga Mountains.

**Country Occurrence:**

**Native:** Spain (Canary Is.)

# Distribution Map

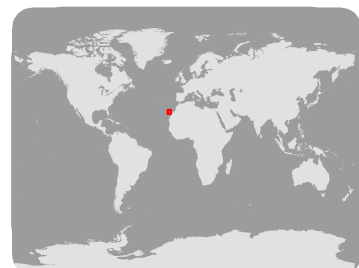


## *Plutonia tuberculata*

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

The size and trend within the subpopulations are thought to be stable.

**Current Population Trend:** Stable

## Habitat and Ecology (see Appendix for additional information)

This species lives in Laurel forests (Laurisilva).

**Systems:** Terrestrial

## Use and Trade

This species is not used.

## Threats (see Appendix for additional information)

Road construction and logging are the main threats to this species.

## Conservation Actions (see Appendix for additional information)

All subpopulations are under local conservation schemes. Valido *et al.* (1999) considered this species as LR/nt.

## Credits

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

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

## Citation

Groh, K. & Alonso, R. 2013. *Plutonia tuberculata*. *The IUCN Red List of Threatened Species 2013*: e.T10836A3221402. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T10836A3221402.en>

## Disclaimer

To make use of this information, please check the [Terms of Use](#).

## 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

## Threats

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

Threat	Timing	Scope	Severity	Impact Score
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 -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		

## 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 area of occupancy (AOO) (km <sup>2</sup> ): 7
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 25
Number of Locations: 3
Lower elevation limit (m): 600
Upper elevation limit (m): 900
Population
Population severely fragmented: No

## The IUCN Red List Partnership



The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [Microsoft](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); [Wildscreen](#); and [Zoological Society of London](#).