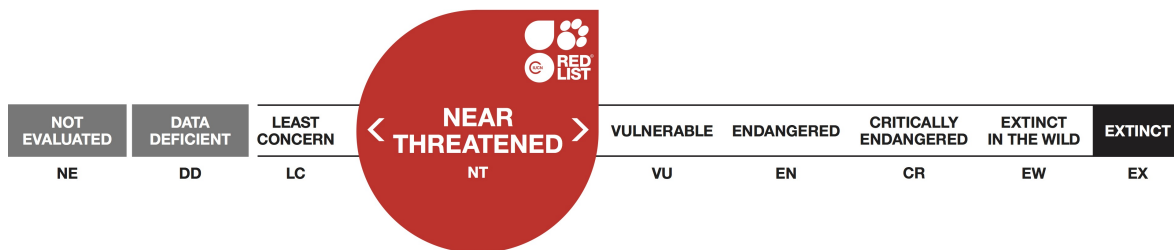


Plutonia parryi

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



View on www.iucnredlist.org

Citation: Groh, K. & Alonso, R. 2013. *Plutonia parryi*. *The IUCN Red List of Threatened Species 2013*: e.T157137A5044570. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T157137A5044570.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 parryi* (Gude, 1896)

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 has a relatively restricted extent of occurrence of 400 km². Even though it is found in 16 locations at the moment, urbanisation is an ongoing process in the area and thus might affect the habitats of several subpopulations. Thus, the quality of the habitat, number of locations, number of subpopulations or the number of mature individuals are probably declining, further monitoring of the status is urgently required. Therefore, it is assessed as Near Threatened (NT), almost qualifying for Vulnerable (VU) B2ab(ii,iii).

Geographic Range

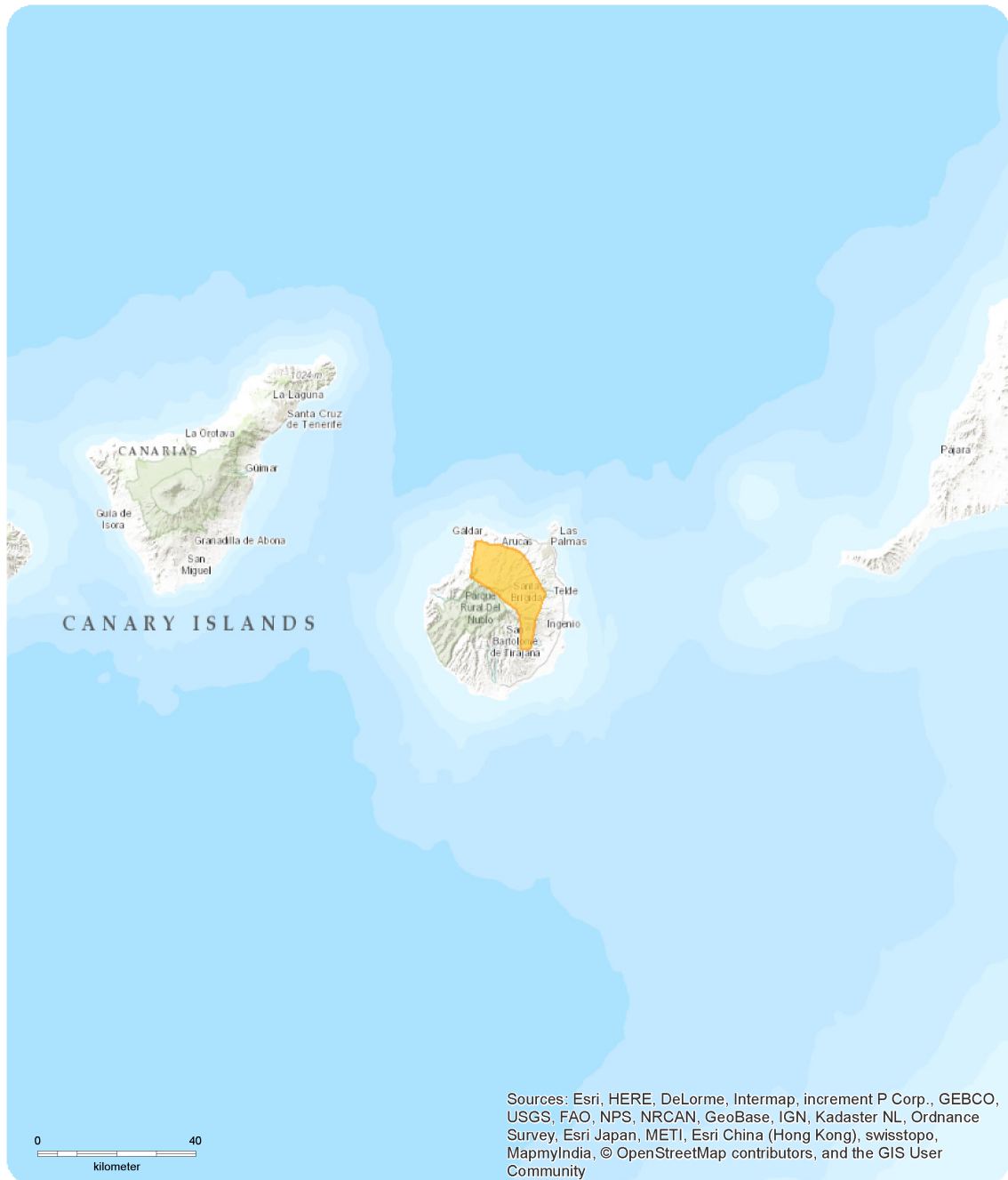
Range Description:

This species is present on Gran Canaria, where it is widespread in the northern parts of the island. However, the subpopulations are separated, which results in a fragmented area of distribution.

Country Occurrence:

Native: Spain (Canary Is.)

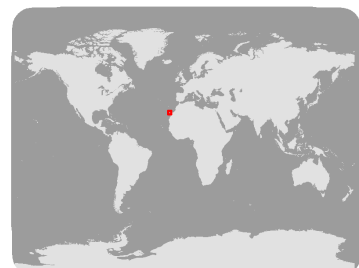
Distribution Map



Plutonia parryi

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 are no data on the population size or trend. The population is thought to be stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species lives in the humid parts of the local pine forests (Pinar) and in the relics of Laurel forests (Laurisilva), which is restricted to the northern parts of the island. Furthermore it is found in Fayal-Brezal, in deep barrancos, and in humid anthropogenic habitats.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

Potential threats to this species are destruction of the habitat by quarrying, urbanisation, road construction or by other reasons. Fragmentation is partly caused by increasing urbanisation and overall land use. Urbanisation is an ongoing process in the area and thus might affect the habitats of several subpopulations.

Conservation Actions (see Appendix for additional information)

Only few subpopulations are under local conservation schemes. Monitoring is suggested to follow the population trends of this species. Valido *et al.* (1999) estimated its status as LR/lc (low risk).

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.

Citation

Groh, K. & Alonso, R. 2013. *Plutonia parryi*. *The IUCN Red List of Threatened Species 2013*: e.T157137A5044570. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T157137A5044570.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
14. Artificial/Terrestrial -> 14.1. Artificial/Terrestrial - Arable Land	-	Unknown	-

Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
3. Energy production & mining -> 3.2. Mining & quarrying	Future	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
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

Research Needed

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

Research Needed

3. Monitoring -> 3.1. Population trends

Additional Data Fields

Distribution

Estimated extent of occurrence (EOO) (km ²): 400
--

Number of Locations: 12

Lower elevation limit (m): 75

Upper elevation limit (m): 1625

Population

Population severely fragmented: No

Habitats and Ecology

Continuing decline in area, extent and/or quality of habitat: Yes

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](#).