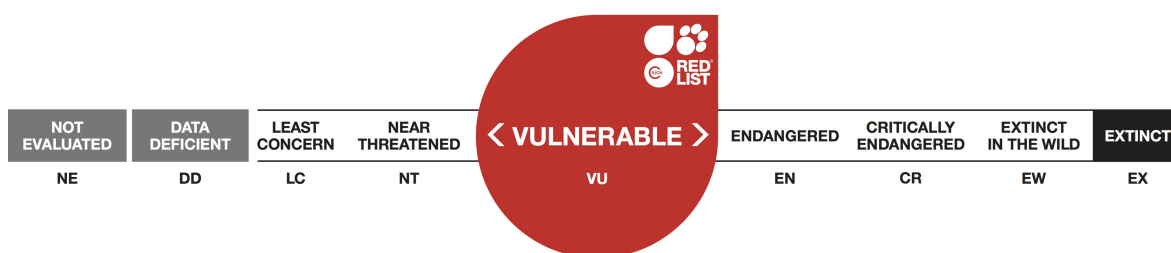


Napaeus esbeltus

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



View on www.iucnredlist.org

Citation: Groh, K. & Alonso, R. 2013. *Napaeus esbeltus*. *The IUCN Red List of Threatened Species 2013*: e.T156859A5008336. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T156859A5008336.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Mollusca	Gastropoda	Stylommatophora	Enidae

Taxon Name: *Napaeus esbeltus* Ibañez & Alonso, 1995

Assessment Information

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

Year Published: 2013

Date Assessed: September 30, 2010

Justification:

This species is endemic to Tenerife, it is known from three locations close to Bajamar on the north-eastern coast, where the species is subject to encroachment of urban area leading to habitat loss and degradation. The species is assessed as Vulnerable (VU) B2ab(iii) as it likely that there are other small sub-populations adjacent to this area.

Geographic Range

Range Description:

This species is endemic to the Canary Islands, where it is found on Tenerife, near to Bajamar on the north-eastern coast.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map

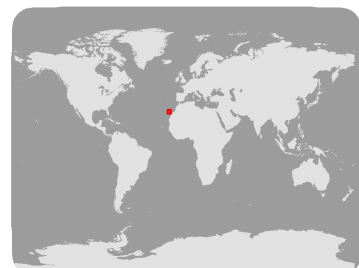


Napaeus esbeltus

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

Only 12 specimens are known. Therefore it is not possible to give a population trend. The species is very restricted and the specimen are rare within that region.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species occurs in typical Canarian vegetation on the Piso basa.

Systems: Terrestrial

Use and Trade

This species is not used.

Threats (see Appendix for additional information)

The species occurs in a small area of occupancy, within an area of urban development.

Conservation Actions (see Appendix for additional information)

Gomez *et al.* (2001) proposed the protection of the habitat, as the species is sensitive to habitat changes. This species is included as Vulnerable D2 on the Red List of Spain (Verdu and Galante 2006).

Credits

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

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

Bibliography

Alonso, M.R., Henríquez, F. and Ibáñez, M. 1995. Revision of the species group *Napaeus variatus* (Gastropoda, Pulmonata, Buliminidae) from the Canary Islands, with description of five new species. *Zoologica Scripta* 24: 303-320.

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).

Verdú, J.R. and Galante, E. 2006. *Libro Rojo de los Invertebrados de España*. Dirección General para la Biodiversidad. Ministerio de Medio Ambiente, Madrid.

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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 -> 1.1. Housing & urban areas	Ongoing	Minority (50%)	Slow, significant 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
2. Land/water management -> 2.1. Site/area management

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): 15
Number of Locations: 3
Upper elevation limit (m): 300

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

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