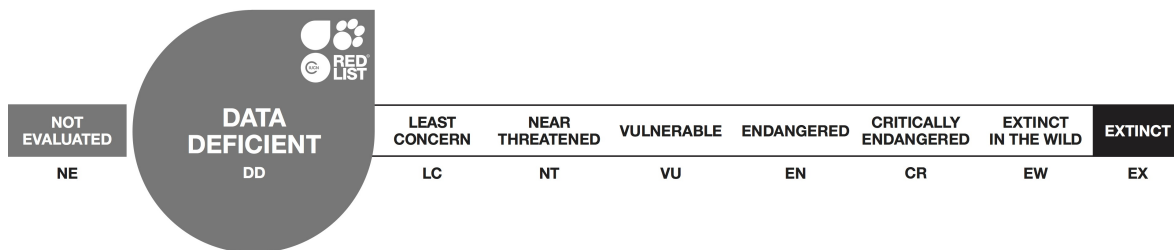


## *Pseudoyersinia teydeana*, Teydean Dwarf Mantis

Assessment by: Battiston, R., Amerini, R., Garcia Becerra, R. & Oromi, P.



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

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Mantodea	Mantidae

**Taxon Name:** *Pseudoyersinia teydeana* Chopard, 1942

### Common Name(s):

- English: Teydean Dwarf Mantis

## Assessment Information

**Red List Category & Criteria:** Data Deficient [ver 3.1](#)

**Year Published:** 2016

**Date Assessed:** October 14, 2015

### Justification:

*Pseudoyersinia teydeana* is an endemic mantid of the Canary Islands. At present, most of its ecology is unknown and the taxonomy needs to be revised (Becerra and Oromi 1999, Becerra *et al.* 2001, Wieland *et al.* 2014). It is present in only one small subpopulation in a restricted area of the island of Tenerife and is linked to particular habitats and environmental conditions. The data available suggest that if any threats are discovered that this species may fall into a threatened category due to its extremely restricted distribution (AOO: 80-300 km<sup>2</sup> and EOO: 200-300 km<sup>2</sup>). Further field research is strongly encouraged in a near future. The scarcity of known records does not give sufficient information on possible threats and its conservation status. Therefore, the species is assessed as Data Deficient (DD).

## Geographic Range

### Range Description:

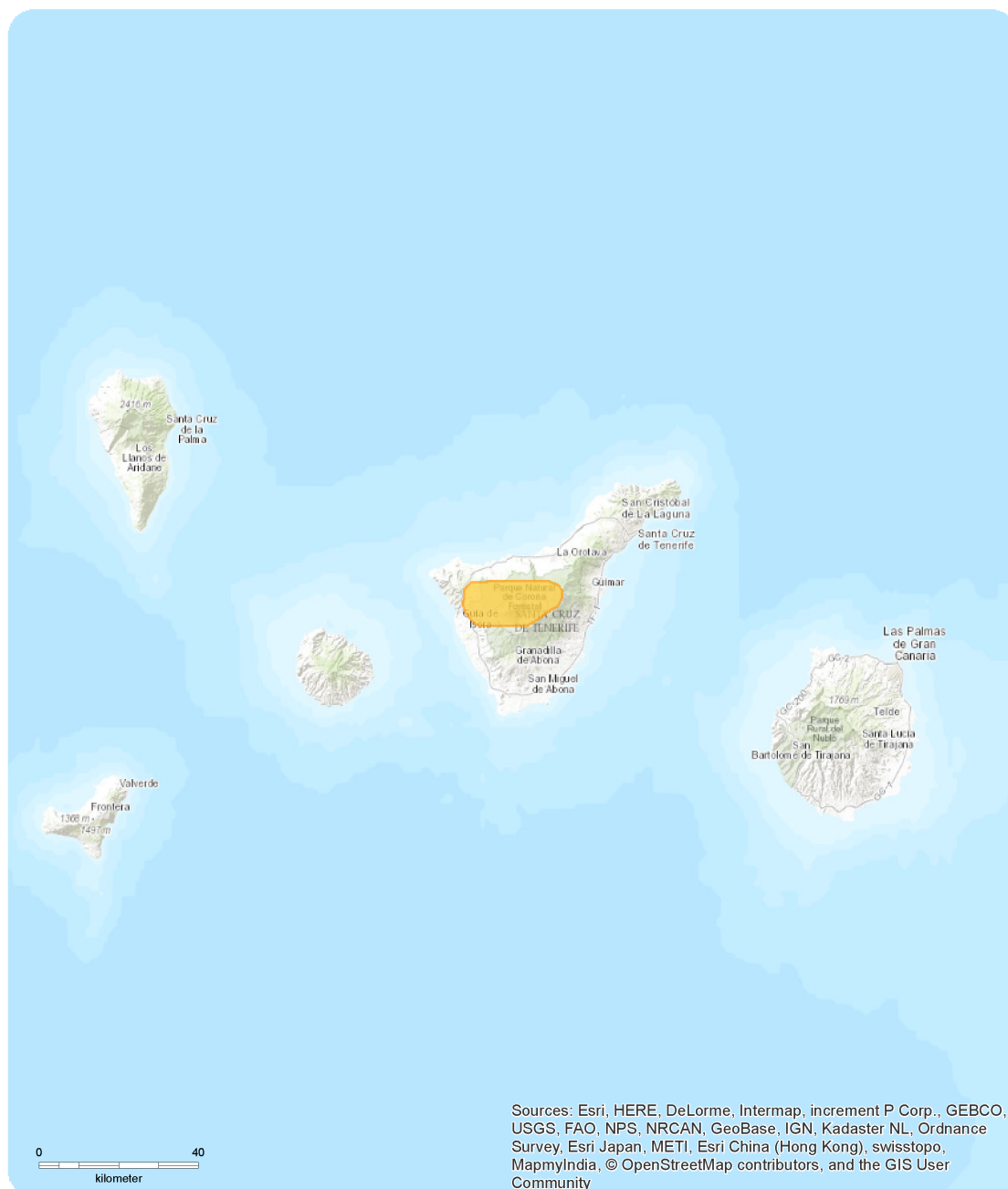
*Pseudoyersinia teydeana* is an endemic species of the island of Tenerife, in the Canary Islands archipelago (Becerra *et al.* 2001). Its area of occupancy (AOO) is 80 km<sup>2</sup> with an upper estimate of 300 km<sup>2</sup>. Its extent of occurrence (EOO) is between 200 and 300 km<sup>2</sup>.

### Country Occurrence:

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

# Distribution Map

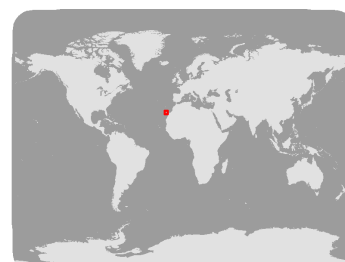
*Pseudoyersinia teydeana*



Range

■ Extant (resident)

Compiled by:  
Rachele Amerini



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



## Population

A single subpopulation is known on the island of Tenerife (Bercerra *et al.* 2001). Even though the species has a very restricted distribution in the central part of Tenerife it seems relatively common, although never abundant.

**Current Population Trend:** Unknown

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

It is usually found on scrubs and occasionally in the opens spaces of pine forest (*Pinus canariensis* Christ. Sm. ex DC) and on various plants such as pajonera grass (*Bourgaeana descurainia* Webb ex OE Schulz), rosanita (*Pteroccephalus lasiospermus* Link ex Buch) and broom (*Spartoeytismus supranubius* (L.) Webb & Berth). This species is active virtually all year, although adults are scarce during the winter months and sporadic in the summer, possibly due to the harsh climatic conditions in its habitat. Females usually deposit oothecae under rocks (Bercerra *et al.* 2001).

**Systems:** Terrestrial

## Use and Trade

The species is not utilized.

## Threats

Threats for this species are unknown.

## Conservation Actions (see Appendix for additional information)

Most of the ecology of this species is unknown. The taxonomy of the Amelinae is also problematic and need to be solved with further morphological and molecular research (Battiston *et al.* 2010, Wieland *et al.* 2014). Research on this species is strongly encouraged to understand its ecology and threats, which are at present practically unknown.

## Credits

**Assessor(s):** Battiston, R., Amerini, R., Garcia Becerra, R. & Oromi, P.

**Reviewer(s):** Hochkirch, A. & Bushell, M.

## Bibliography

Battiston R., Picciau L., Fontana P. and Marshall J. 2010. *Mantids of the Euro-Mediterranean Area*. World Biodiversity Association, Verona.

García Becerra, R., de la Nuez Torres, R.I. and Pérez Sánchez, J.M. 2001. Mantis y cucarachas de Canarias. *Servicio de publicaciones de la Caja General de Ahorros de Canarias* 252: 160.

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IUCN. 2016. The IUCN Red List of Threatened Species. Version 2016-1. Available at: [www.iucnredlist.org](http://www.iucnredlist.org). (Accessed: 30 June 2016).

Wieland, F., Schütte, K., and Goldberg, J. 2014. A review of the research on Canary Islands praying mantises (Mantodea). *Zootaxa* 3797: 78-102.

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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 -> 3.5. Shrubland - Subtropical/Tropical Dry	Resident	Suitable	Yes

## Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Conservation sites identified: Yes, over part of range
Occur in at least one PA: Yes

## Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.2. Resource & habitat protection

## Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats
3. Monitoring -> 3.1. Population trends

## Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 80-300
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 196-300

<b>Distribution</b>
Lower elevation limit (m): 1300
Upper elevation limit (m): 2400
<b>Habitats and Ecology</b>
Movement patterns: Not a Migrant

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