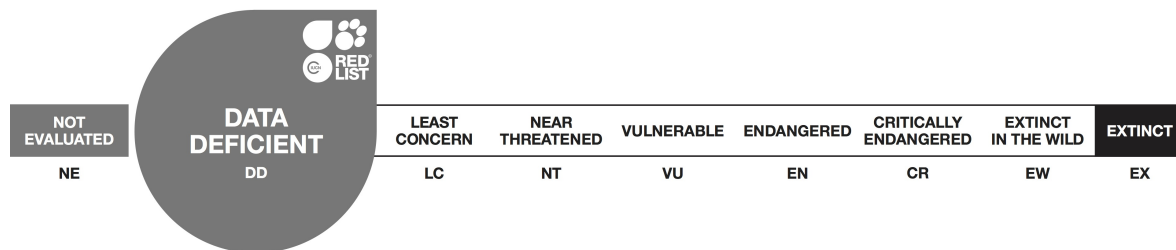


Pseudoyersinia pilipes, Hairy Legged Dwarf Mantis

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



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Mantodea	Mantidae

Taxon Name: *Pseudoyersinia pilipes* Chopard, 1954

Common Name(s):

- English: Hairy Legged Dwarf Mantis

Assessment Information

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

Year Published: 2016

Date Assessed: June 25, 2015

Justification:

At present time most of the ecology of *Pseudoyersinia pilipes* is unknown and its taxonomy needs to be studied (Becerra and Oromi 1999, Bercerra *et al.* 2001, Wieland *et al.* 2014). The available data suggest that this species has a very limited distribution (AOO is 40-200 km² and EOO is 74-200 km²) and thus could fall under a threatened category. Further field research is strongly encouraged in a near future. The scarcity of known records gives insufficient information on possible threats and its conservation status is not well defined, therefore the species is assessed as Data Deficient (DD).

Geographic Range

Range Description:

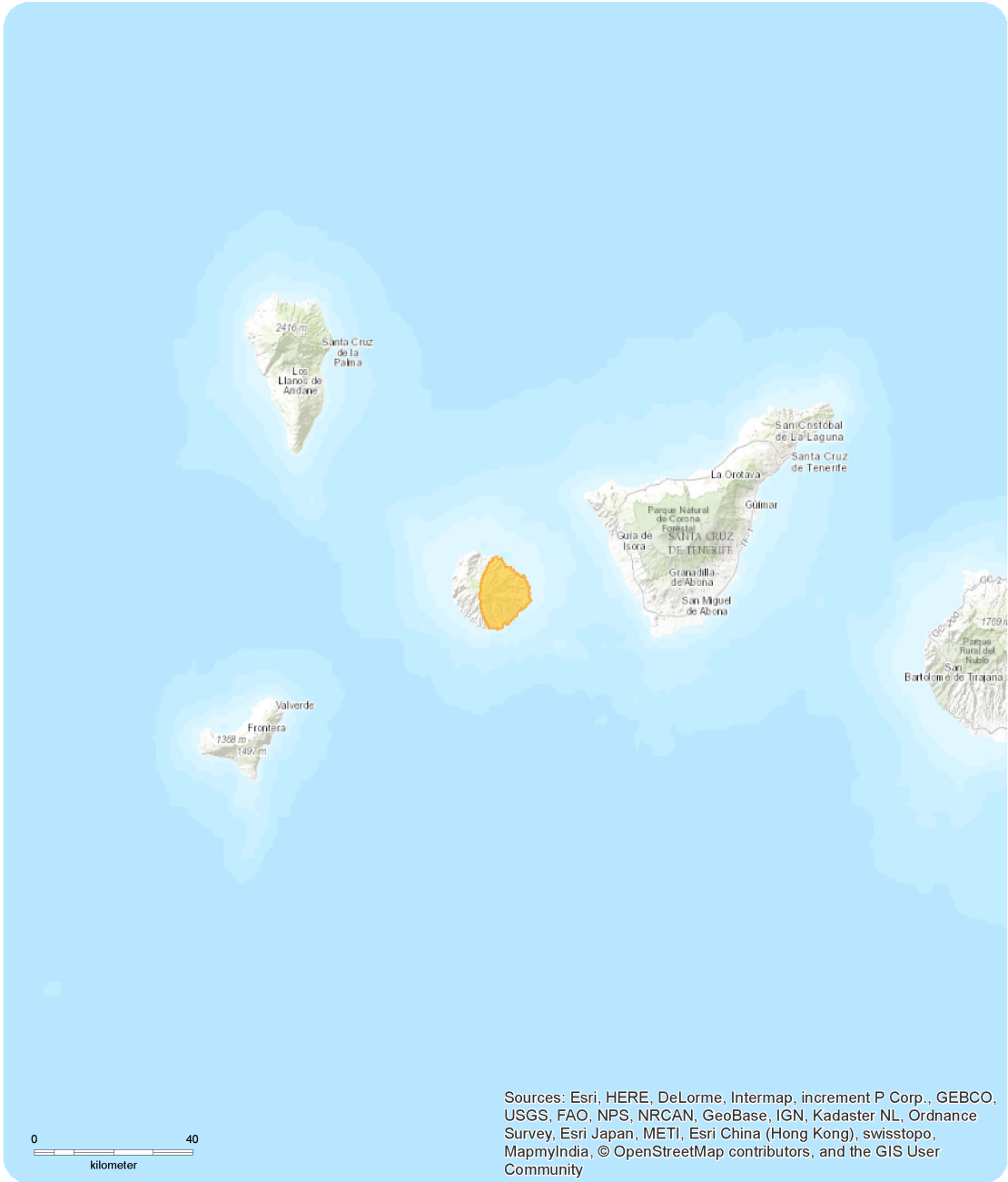
Pseudoyersinia pilipes is endemic of the island La Gomera, in the Canary Islands archipelago (Bercerra *et al.* 2001). The extent of occurrence (EOO) is 74 km² with an upper estimate of 200 km². The area of occupancy (AOO) is 40 km² with an upper estimate of 200 km².

Country Occurrence:

Native: Spain (Canary Is.)

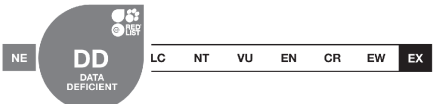
Distribution Map

Pseudoyersinia pilipes



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

The only confirmed subpopulation of *Pseudoyersinia pilipes* seems to be restricted to the island La Gomera. The scarcity of collecting records suggests that the population of this species may be extremely small (Bercerra *et al.* 2001).

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

From the scarce records available this species seems to be present in the scrubland of the eastern part of the island La Gomera and to be active from March to August (Bercerra *et al.* 2001).

Systems: Terrestrial

Use and Trade

This species is not utilized.

Threats

Threats for this species are unknown.

Conservation Actions (see Appendix for additional information)

Research on this species is strongly encouraged to understand its ecology and threats which at present time are practically unknown.

Credits

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

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

Bibliography

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. (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.

Citation

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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	Unknown	-

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
3. Monitoring -> 3.4. Habitat trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 40-200

Distribution
Estimated extent of occurrence (EOO) (km ²): 74-200
Lower elevation limit (m): 100
Upper elevation limit (m): 1300
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown
Movement patterns: Not a Migrant

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