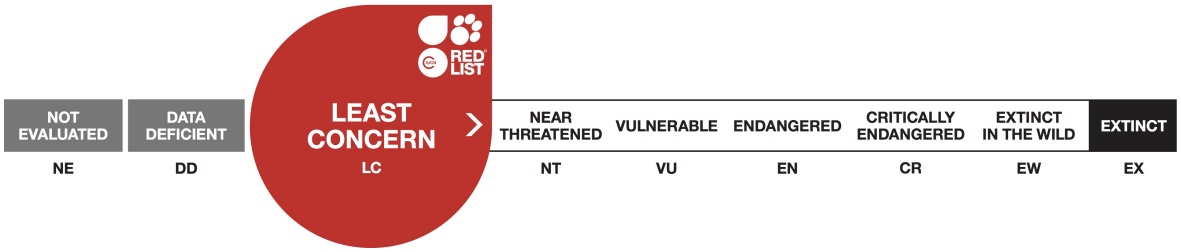
The IUCN Red List of Threatened Species™
ISSN 2307-8235 (online)
IUCN 2008: T58052874A58061297
Scope: Global
Language: English

Dipoenata longitarsis

Assessment by: Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M.



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Citation: Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. 2018. *Dipoenata longitarsis*. The IUCN Red List of Threatened Species 2018: e.T58052874A58061297.
http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T58052874A58061297.en

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Theridiidae

Taxon Name: *Dipoenata longitarsis* (Denis, 1962)

Synonym(s):

- *Dipoena longitarsis* Denis, 1962

Taxonomic Source(s):

Platnick, N.I. 2014. The World Spider Catalog, Version 14.5. P. Merrett & H.D. Cameron (eds). American Museum of Natural History. Available at: http://research.amnh.org/iz/spiders/catalog/index.html. (Accessed: 31 March 2014).

Assessment Information

Red List Category & Criteria: Least Concern ver 3.1

Year Published: 2018

Date Assessed: January 21, 2018

Justification:

Dipoenata longitarsis is restricted to the laurisilva forest on Madeira Island, Portugal. This species has a restricted geographic range with a maximum estimated extent of occurrence (EOO) and area of occupancy (AOO) of *ca* 700 km². However, *Dipoenata longitarsis* is assessed as Least Concern (LC), since the habitat of the species is not experiencing any decline in area or quality and the population is therefore assumed to be stable. Additionally the species' range is inside a protected area and there are no known threats to it. A monitoring of population trends should be conducted to confirm species status.

Geographic Range

Range Description:

Dipoenata longitarsis is known from a few sites in laurisilva forest that occupies about 20% of the island of Madeira (Portugal), mainly on its steep and humid northern slopes. Only four records for this species exist, mostly recent and all in laurisilva forest (Denis 1962, Crespo *et al.* 2014). It was possible to perform species distribution modelling to predict its potential range with confidence limits (Cardoso *et al*. 2017).

Country Occurrence:

Native: Portugal (Madeira)

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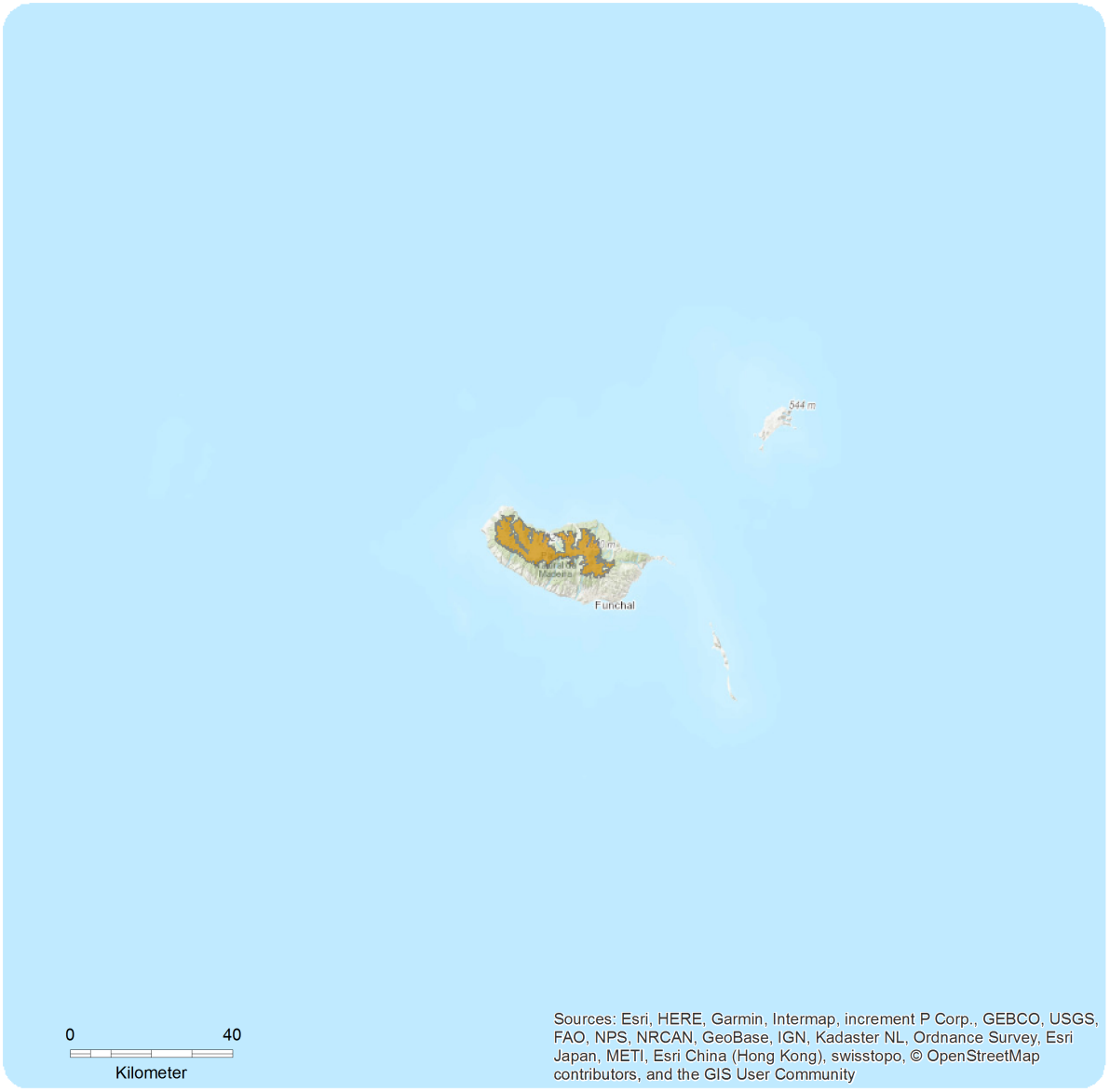
Distribution Map

Dipoenata longitarsis



Range

Extant (resident)

Compiled by:

IUCN (International Union for Conservation of Nature)

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

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Population

No population size estimates exist, but the preferred habitat of the species is not experiencing any decline in area and the population is assumed to be stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

Dipoenata longitarsis is restricted to the humid laurisilva forest on the northern slopes of Madeira Island. As other species in the genus, *D. longitarsis* may feed mostly on ants at ground level and low vegetation.

Systems: Terrestrial

Use and Trade

The species is not utilized.

Threats

There are no known threats to the species.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for the species, but most of the species range is inside the Madeira Natural Park. Monitoring of population trends should be conducted to confirm species status.

Credits

Assessor(s): Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M.

Reviewer(s): Henriques, S. & Russell, N.

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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?
1. Forest -> 1.9. Forest - Subtropical/Tropical Moist Montane	Resident	Suitable	Yes

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Research, Monitoring and Planning
Action Recovery plan: No
Systematic monitoring scheme: No
In-Place Land/Water Protection and Management
Conservation sites identified: Yes, over part of range
Occur in at least one PA: Yes
Percentage of population protected by PAs (0-100): 81-90
Area based regional management plan: Yes
Invasive species control or prevention: No
In-Place Species Management
Harvest management plan: No
Successfully reintroduced or introduced beningly: No
Subject to ex-situ conservation: No
In-Place Education
Subject to recent education and awareness programmes: No
Included in international legislation: No
Subject to any international management/trade controls: No

Research Needed

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

Research Needed
3. Monitoring -> 3.1. Population trends

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Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km²): 192-708,404
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km²): 192-725,404
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: No
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 250
Upper elevation limit (m): 1850
Population
Continuing decline of mature individuals: No
Extreme fluctuations: No
Population severely fragmented: No
Continuing decline in subpopulations: No
Extreme fluctuations in subpopulations: No
All individuals in one subpopulation: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No
Generation Length (years): 1
Movement patterns: Not a Migrant

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