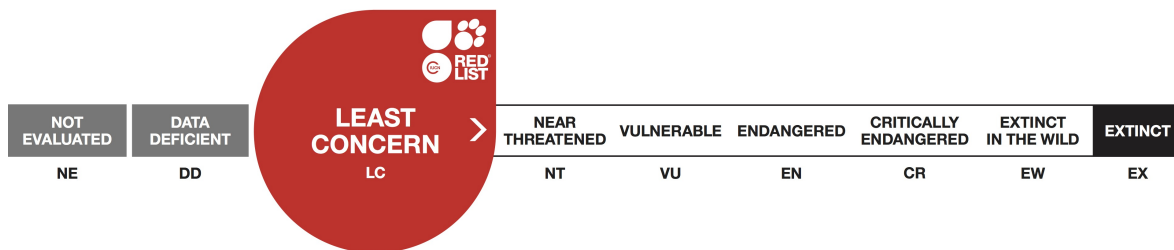


Dysdera diversa

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



View on www.iucnredlist.org

Citation: Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. 2018. *Dysdera diversa*. The IUCN Red List of Threatened Species 2018: e.T57842078A58060702.

<http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57842078A58060702.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Dysderidae

Taxon Name: *Dysdera diversa* Blackwall, 1862

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 16, 2018

Justification:

Dysdera diversa is endemic to the humid, high-altitude Laurisilva forest of Madeira Island (Portugal). This species has a restricted geographic range (the extent of occurrence (EOO) and area of occupancy (AOO) both have a maximum estimate of 644 km²). However, it is assessed as Least Concern (LC), since there are no current threats to it and the population seems to be stable throughout its range. More research on the distribution as well as the population trends is needed to confirm the species status.

Geographic Range

Range Description:

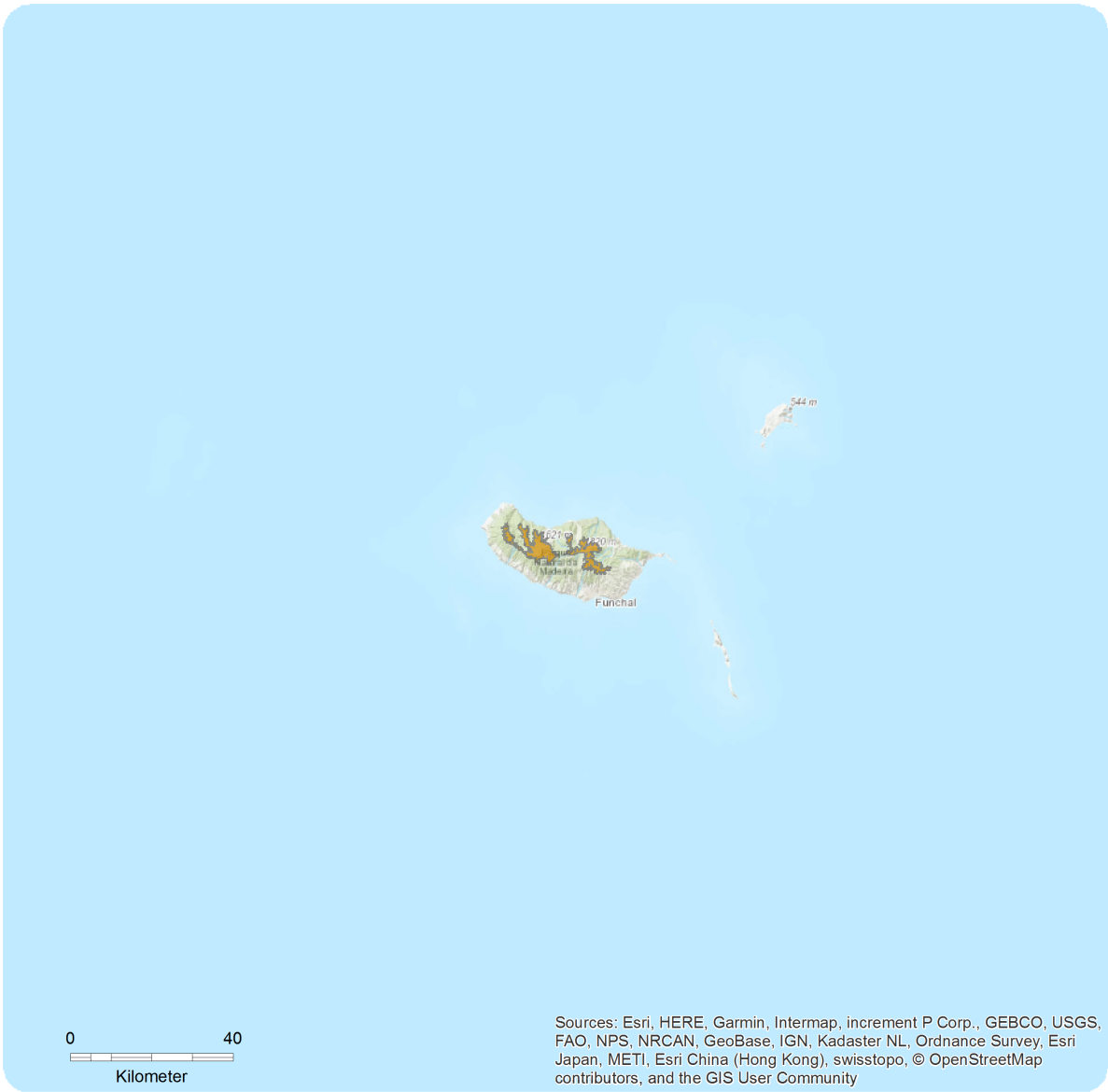
Dysdera diversa is known only from high altitude areas of laurisilva forest (above 800 m) on the island of Madeira (Portugal). A single record is published on the original description without a precise locality (Blackwall 1862). Two more records are recent and to be confirmed and were used on an attempt to model the species distribution (Cardoso *et al.* 2017).

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

Dysdera diversa

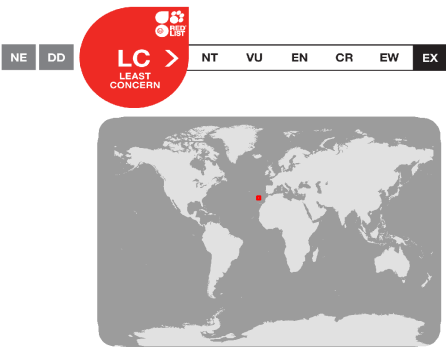


Range

Extant (resident)

Compiled by:

IUCN (International Union for Conservation of Nature)



Population

No population size estimates exist, but the population is assumed to be stable since the preferred habitat area and quality is stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

Dysdera diversa is a habitat specialist for the high altitude laurisilva forest of Madeira Island, living on the soil. The diet of *D. diversa* is unknown, although most congeners are specialized hunters feeding on woodlice.

Systems: Terrestrial

Use and Trade

This species is not utilized.

Threats

There are no known threats to this species.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for this species, but all the species range is inside the Madeira Natural Park. As few localities are known for the species, basic research on species distribution should be made. 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.

Bibliography

Blackwall J. 1862. Descriptions of newly-discovered spiders from the island of Madeira. *Annals and Magazine of Natural History* 9: 370–382.

Cardoso, P., Crespo, L.C., Silva, I., Borges, P.A.V. and Boieiro, M. 2017. Species conservation profiles of endemic spiders (Araneae) from Madeira and Selvagens archipelagos, Portugal. *Biodiversity Data Journal* 5: e20810 (18 Oct 2017). <https://doi.org/10.3897/BDJ.5.e20810>.

IUCN. 2018. The IUCN Red List of Threatened Species. Version 2018-2. Available at: www.iucnredlist.org. (Accessed: 15 November 2018).

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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 entire range
Occur in at least one PA: Yes
Percentage of population protected by PAs (0-100): 91-100
Area based regional management plan: Yes
Invasive species control or prevention: No

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
3. Monitoring -> 3.1. Population trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 12-644,264
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 13-644,264

Distribution
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): 800
Upper elevation limit (m): 1850
Population
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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