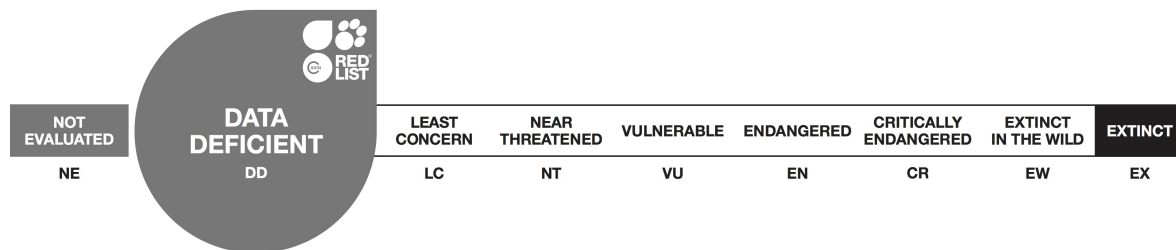


Drassodes rugichelis

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. *Drassodes rugichelis*. The IUCN Red List of Threatened Species 2018: e.T57883687A58060767.

<http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57883687A58060767.en>

Copyright: © 2018 International Union for Conservation of Nature and Natural Resources

Reproduction of this publication for educational or other non-commercial purposes is authorized without prior written permission from the copyright holder provided the source is fully acknowledged.

Reproduction of this publication for resale, reposting or other commercial purposes is prohibited without prior written permission from the copyright holder. For further details see [Terms of Use](#).

The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).

If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.

Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Gnaphosidae

Taxon Name: *Drassodes rugichelis* 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: Data Deficient [ver 3.1](#)

Year Published: 2018

Date Assessed: January 16, 2018

Justification:

Drassodes rugichelis is endemic to the island of Madeira (Portugal) and only known from two sites on open mountain areas. This species is possibly threatened by wildfires, which have recently affected the mountain areas of Madeira island. However, due to a lack of information on its distribution, ecology, population size and threats to the species, it is assessed as Data Deficient (DD). More research is needed in order to assess its extinction risk.

Geographic Range

Range Description:

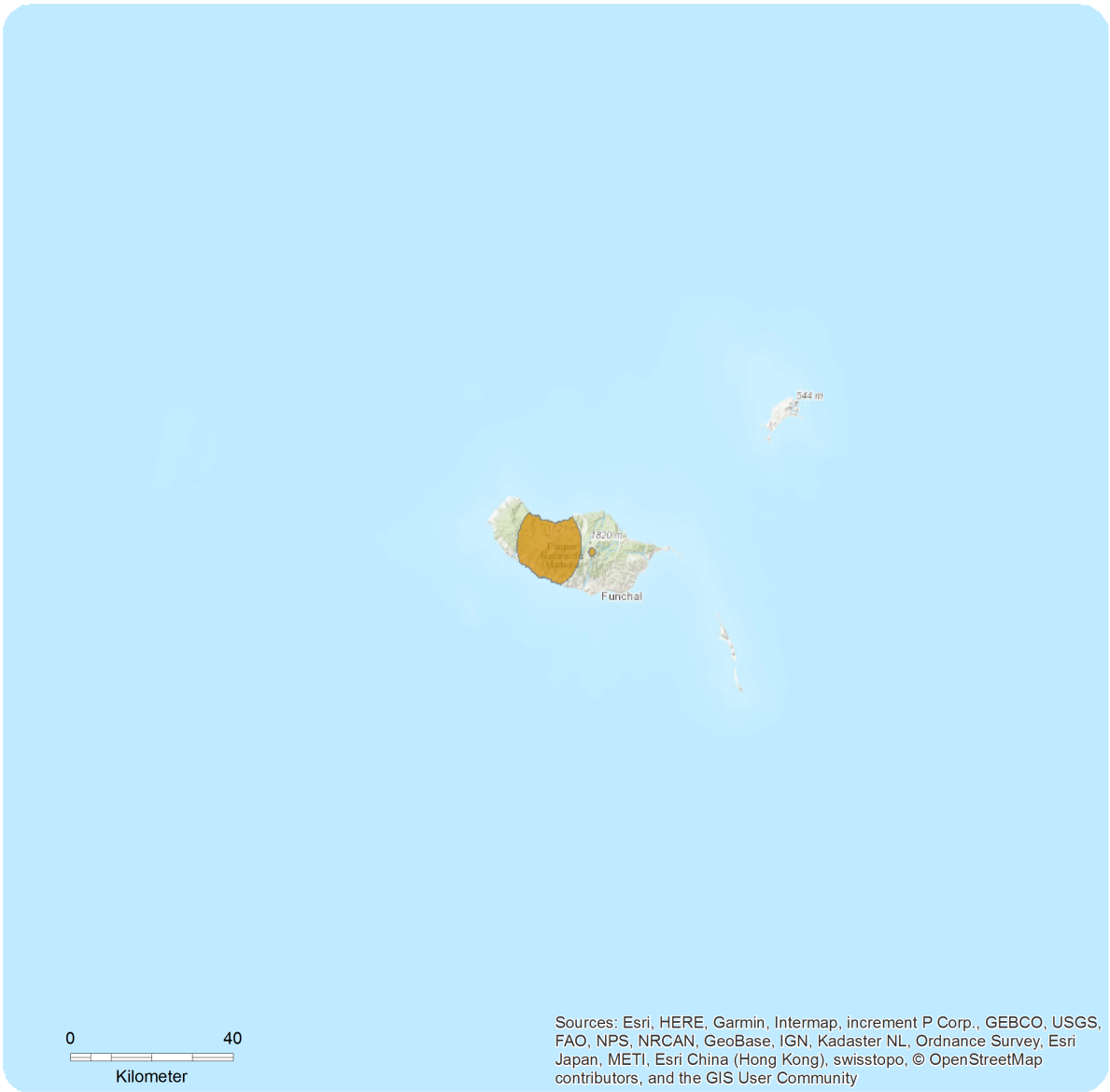
Drassodes rugichelis is known from two sites, Paúl da Serra and Pico do Cidrão on Madeira Island (Portugal), both on open mountain areas (Denis 1962, Wunderlich 1992). The true range is however unknown, as these two records make it impossible to model with confidence.

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

Drassodes rugichelis

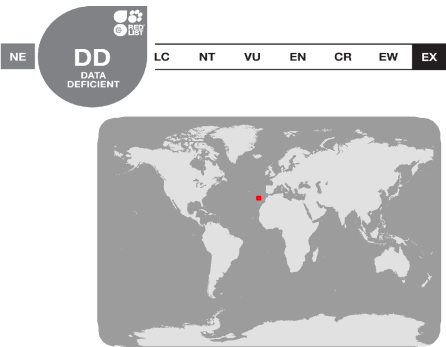


Range

Extant (resident)

Compiled by:

IUCN (International Union for Conservation of Nature)



Population

No population size estimates exist.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The two only known sites for the species are in open, mountain areas. The ecology of this species is mostly unknown, but it is probable that they are active nocturnal hunters at ground level.

Systems: Terrestrial

Use and Trade

This species is not utilized.

Threats (see Appendix for additional information)

The mountain areas of Madeira Island have been affected by recent wildfires, which might have affected this species.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for this species, but part of the known range is inside the Madeira Natural Park. The distribution of the species should be researched through extensive collections on the islands' mountainous areas above the tree line. Monitoring of population trends should be conducted in the future and the negative effects of possible threats, such as wildfires, should also be assessed.

Credits

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

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

Bibliography

Denis, J. 1962. Les araignées de l'archipel de Madère (Mission du Professeur Vandel). *Publicações do Instituto de Zoologia Dr. Augusto Nobre* 79: 1-118.

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

Wunderlich, J. 1992. Die Spinnen-Fauna der Makaronesischen Inseln. *Beiträge zur Araneologie* 1: 1-619.

Citation

Cardoso, P., Crespo, L.C., Silva, I., Borges, P. & Boieiro, M. 2018. *Drassodes rugichelis*. The IUCN Red List of Threatened Species 2018: e.T57883687A58060767. <http://dx.doi.org/10.2305/IUCN.UK.2018-2.RLTS.T57883687A58060767.en>

Disclaimer

To make use of this information, please check the [Terms of Use](#).

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?
4. Grassland -> 4.7. Grassland - Subtropical/Tropical High Altitude	Resident	Suitable	Yes
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	Resident	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	Unknown	Unknown	Unknown
	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 -> 2.3. Indirect species effects -> 2.3.7. Reduced reproductive success		

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
Area based regional management plan: Yes
Invasive species control or prevention: No
In-Place Species Management
Harvest management plan: No
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Conservation Actions in Place
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
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
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): Unknown
Continuing decline in extent of occurrence (EOO): Unknown
Extreme fluctuations in extent of occurrence (EOO): Unknown
Continuing decline in number of locations: Unknown
Extreme fluctuations in the number of locations: Unknown
Lower elevation limit (m): 1400
Upper elevation limit (m): 1800
Population
Continuing decline of mature individuals: Unknown
Extreme fluctuations: Unknown
Population severely fragmented: Unknown
Continuing decline in subpopulations: Unknown
Extreme fluctuations in subpopulations: Unknown
All individuals in one subpopulation: Unknown

Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown
Generation Length (years): 1
Movement patterns: Not a Migrant

The IUCN Red List Partnership



The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#).

The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).