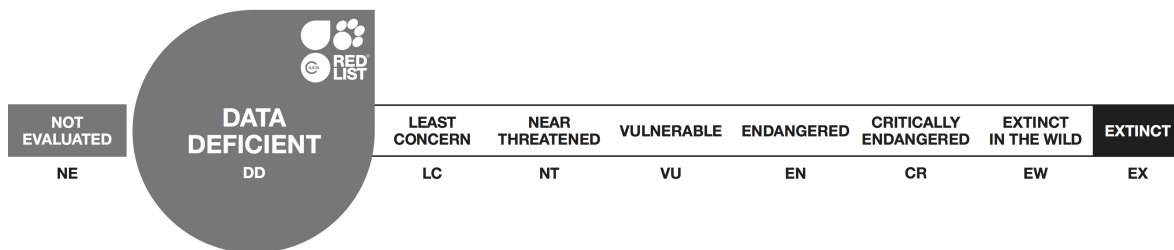


Prinerigone pigra

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



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Linyphiidae

Taxon Name: *Prinerigone pigra* (Blackwall, 1862)

Synonym(s):

- *Neriene pigra* 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: Data Deficient [ver 3.1](#)

Year Published: 2018

Date Assessed: January 17, 2018

Justification:

Prinerigone pigra seems to be restricted to high-altitude forest (above 600 m) in Madeira Island (Portugal), but is only known from three collection sites. This species has a restricted geographic range with a maximum estimated extent of occurrence (EOO) and area of occupancy (AOO) of 872 km². Due to the lack of information on its distribution, ecology and possible threats, this species is assessed as Data Deficient (DD). More research is needed in order to assess its extinction risk.

Geographic Range

Range Description:

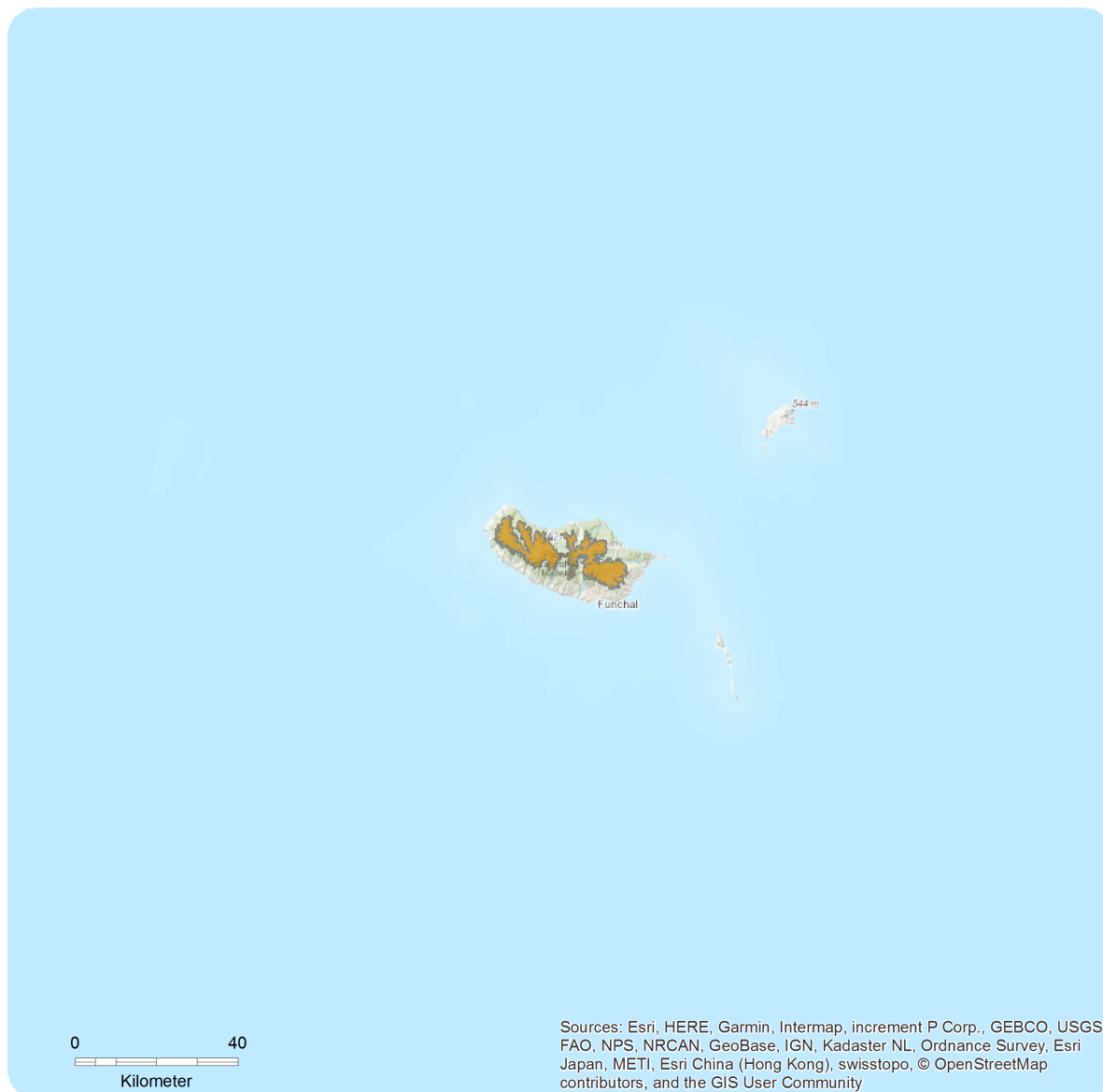
Prinerigone pigra seems to be restricted to high-altitude forest (above 600 m) in Madeira Island, Portugal. Only three collection sites have ever been recorded for this species, mostly from laurisilva forest (Blackwall 1862, Schenkel 1938, Wunderlich 1995). It was possible to perform species distribution modelling to predict its potential range with confidence limits, although it must be carefully considered due to the low number of samples (Cardoso *et al.* 2017). The extent of occurrence (EOO) is estimated to be between 52-872 km² and the area of occupancy (AOO) to be between 16-872 km².

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

Prinerigone pigra



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.



Population

No population size estimates exist. There are no recent collections of the species. It does not seem to be common given the scarce number of records, but it is impossible to infer on the current trend.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

The species seems to be mostly found in high-altitude laurisilva forest but possibly also in other habitats above 600 m. The ecology is unknown, but sister taxa such as *Prinerigone vagans* (Audouin, 1826) are sheet-web weavers at ground and low vegetation levels.

Systems: Terrestrial

Use and Trade

This species is not utilized.

Threats

The threats to this species are unknown.

Conservation Actions (see Appendix for additional information)

No specific conservation measures are in place for this species, but part of the range is inside the Madeira Natural Park. Basic information is needed on its distribution, ecology and possible threats.

Credits

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

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

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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>.

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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
0. Root -> 18. Unknown	Unknown	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
Area based regional management plan: No
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
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

Research Needed
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 16-872,456
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): Unknown
Estimated extent of occurrence (EOO) (km ²): 52-872,456
Continuing decline in extent of occurrence (EOO): Unknown
Extreme fluctuations in extent of occurrence (EOO): Unknown
Continuing decline in number of locations: Unknown
Lower elevation limit (m): 600
Upper elevation limit (m): 1850
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

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