

Lathys affinis

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Dictynidae

Taxon Name: *Lathys affinis* (Blackwall, 1862)

Synonym(s):

- *Ciniflo affinis* 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 15, 2018

Justification:

Lathys affinis is known on all islands across the Madeira archipelago (Portugal). This species is assessed as Least Concern (LC), because it is able to inhabit several habitat types, including habitats close to human settlements, there are no known threats to the species, there is no continuing decline in the population, and much of the species range is inside the Madeira Natural Park and in several protected areas across the archipelago. However, it has a restricted geographic range. A monitoring of population trends should be conducted to confirm species status.

Geographic Range

Range Description:

Lathys affinis is known on all islands across the Madeira archipelago (Portugal) and on all habitat types, from laurisilva forest to open arid areas. Multiple collection sites are recorded for this species, mostly recent (Blackwall 1862, Kulczyński 1899, Schenkel 1938, Denis 1962, Wunderlich 1992, Crespo *et al.* 2013, Crespo *et al.* 2014b). Cardoso *et al.* (2017a) carried out distribution modelling for this species to predict its potential range with confidence limits, using the R package 'red - IUCN redlisting tools' (Cardoso 2017b, Cardoso 2017c).

Country Occurrence:

Native: Portugal (Madeira)

Distribution Map

Lathys affinis



Range

Extant (resident)

Compiled by:

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



Population

Population size is not known for this species. Cardoso *et al.* (2017a) record the population as stable.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This species seems to be able to live on several habitat types, even close to human settlements. It is a small, cribellate web builder occurring on vegetation or ground level and feeding mainly on small insects.

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)

Much of this spider's range is inside the Madeira Natural Park and in several protected areas across the archipelago.

Credits

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

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

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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 -> 1.4. Forest - Temperate	-	Suitable	-
1. Forest -> 1.9. Forest - Subtropical/Tropical Moist Montane	-	Suitable	-
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	-	Suitable	-
4. Grassland -> 4.5. Grassland - Subtropical/Tropical Dry	-	Suitable	-
4. Grassland -> 4.7. Grassland - Subtropical/Tropical High Altitude	-	Suitable	-
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Suitable	-
0. Root -> 16. Introduced vegetation	-	Suitable	-

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
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
3. Monitoring -> 3.1. Population trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 40-948,544
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 744-3699,3373
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Lower elevation limit (m): 0
Upper elevation limit (m): 1460
Population
Population severely fragmented: No
Continuing decline in subpopulations: No
Extreme fluctuations in subpopulations: No
All individuals in one subpopulation: No
Habitats and Ecology
Generation Length (years): 1

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