

## *Echemus modestus*

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



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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Arachnida	Araneae	Gnaphosidae

**Taxon Name:** *Echemus modestus* Kulczynski, 1899

### 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).

### Taxonomic Notes:

Not recorded since original description from Madeira with uncertain locality (Kulczyński 1899).

## Assessment Information

**Red List Category & Criteria:** Data Deficient [ver 3.1](#)

**Year Published:** 2018

**Date Assessed:** January 16, 2018

### Justification:

*Echemus modestus* is endemic to Madeira, Portugal. This species was reported from an undefined locality and has not been found since its original description in 1899. It is uncertain whether it represents a unique species and due to the lack of information, it is assessed as Data Deficient. More research on its taxonomy, distribution, ecology and threats is needed in order to assess its extinction risk.

## Geographic Range

### Range Description:

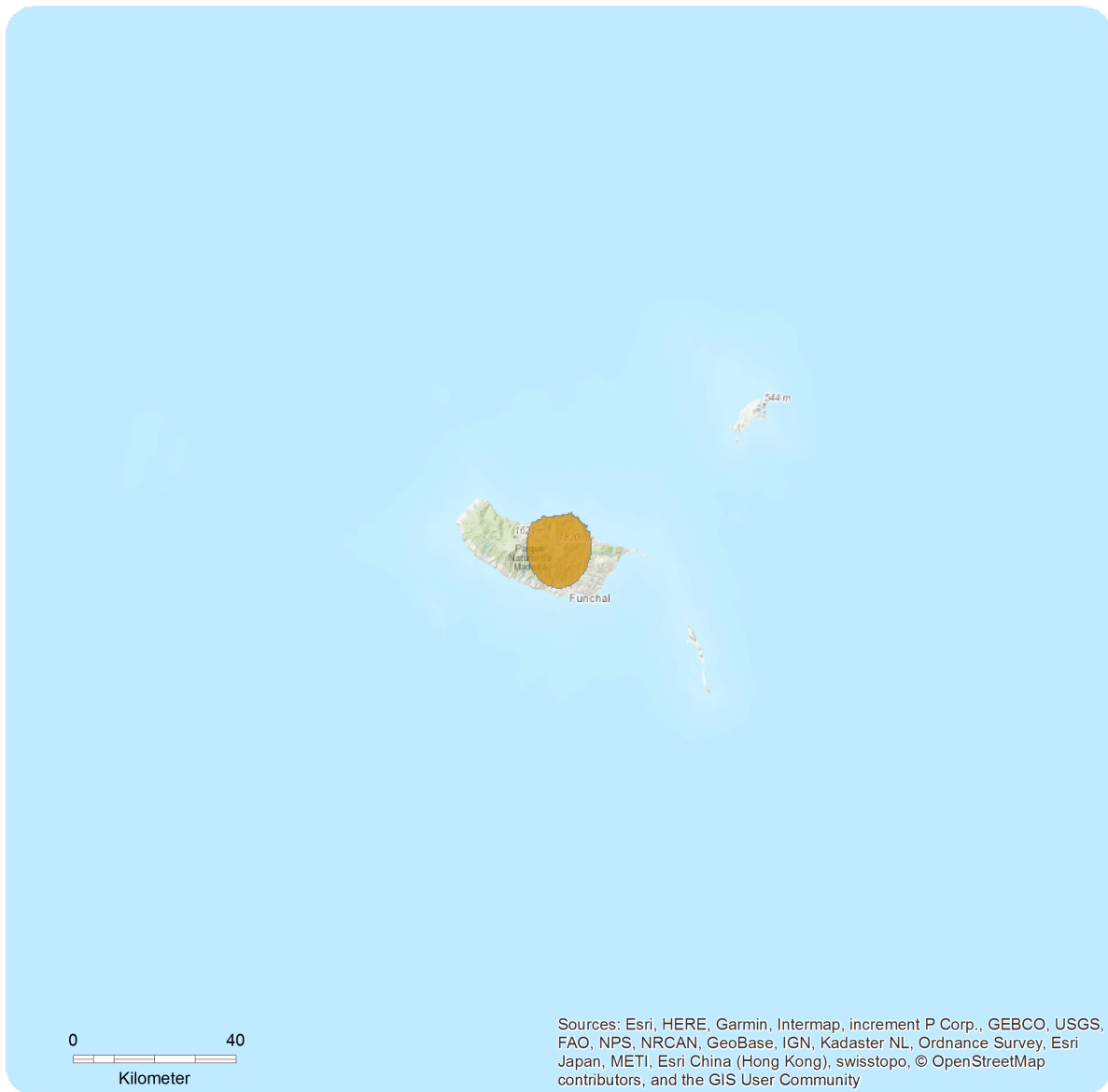
*Echemus modestus* is only mentioned from Madeira Island (Portugal), but without locality data.

### Country Occurrence:

**Native:** Portugal (Madeira)

# Distribution Map

*Echemus modestus*



## 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

There is no information available about population size or trend of this species.

**Current Population Trend:** Unknown

## Habitat and Ecology (see Appendix for additional information)

There is no available information on the habitat of this species. If similar to other congeners, it probably is an active nocturnal hunter at ground level.

**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 and it is not known to occur within any protected area. The species has not been found since original description in 1899 (Kulczyński 1899) and needs, first of all, taxonomic clarification. If valid, basic information would be 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.

## Bibliography

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

Kulczynski, W. 1899. Arachnoidea opera Rev. Schmitz collecta in insulis Maderianis et Selvages dictis. *Rozprawa i sprawozdanie wydział matematyczno-pzyrodniczy Academia umiejtnosi Cracov* 36: 319-461.

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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?
0. Root -> 18. Unknown	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
Occur in at least one PA: Unknown
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 -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology

<b>Research Needed</b>
1. Research -> 1.5. Threats

## Additional Data Fields

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

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