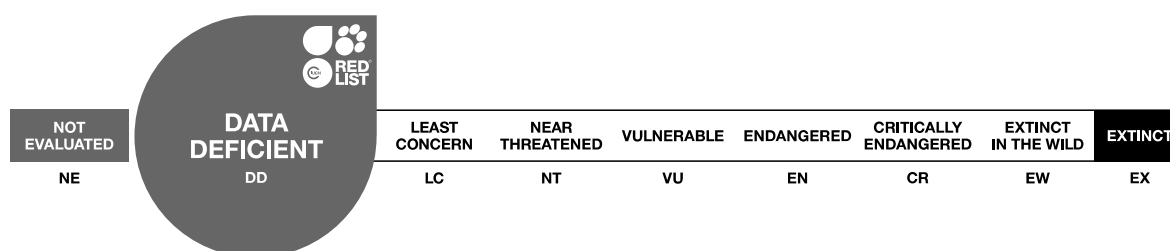




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 Language: English

## *Hidryta atlantica*

Assessment by: Nunes, R. & Borges, P.A.V.



View on [www.iucnredlist.org](https://www.iucnredlist.org)

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Hymenoptera	Ichneumonidae

**Scientific Name:** *Hidryta atlantica* Horstmann, 1990

## Assessment Information

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

**Year Published:** 2020

**Date Assessed:** March 26, 2018

### Justification:

*Hidryta azorica* is a potentially endemic species of the Azores (Portugal) known only from the holotype and for which there is no precise indication of island of occurrence, while it has been suggested that *Hidryta atlantica* might be a melanic form of *H. sordida*, a widespread European species. It possibly has a very small Extent of Occurrence (EOO = 4 km<sup>2</sup>) and Area of Occupancy (AOO = 4 km<sup>2</sup>). Based upon the unknown distribution and ecology, this species is assessed as Data Deficient (DD).

## Geographic Range

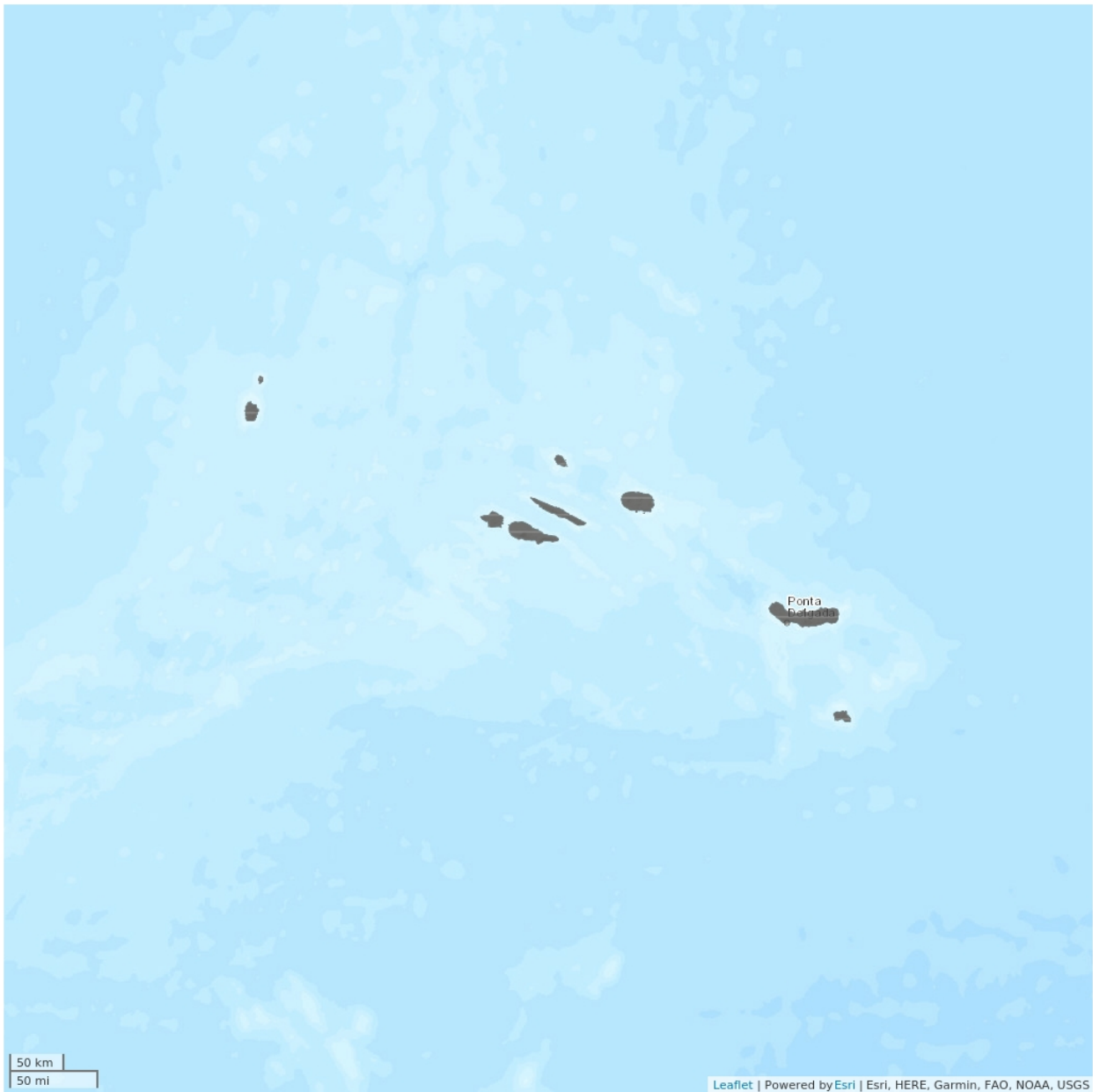
### Range Description:

This species is only known from the holotype, *Hidryta atlantica* was described from the Azores, but without indication of the island of occurrence. It was never found after its description and consequently there is no precise indication of its location. Schwartz (2005) puts forward the possibility that *Hidryta atlantica* might be a melanic form of *H. sordida*, a widespread European species.

### Country Occurrence:

**Native, Extant (resident):** Portugal (Azores)

# Distribution Map

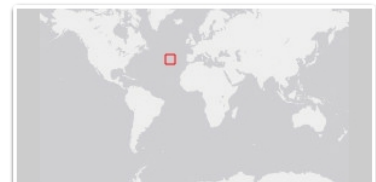
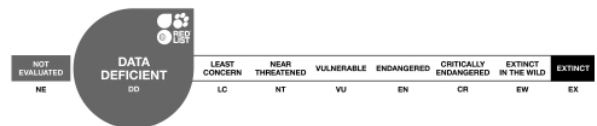


## Legend

 PRESENCE UNCERTAIN

## Compiled by:

Azorean Biodiversity Group 2018



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 are no available data on the population size and trend of this species.

**Current Population Trend:** Unknown

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

The ecology and traits of this species are unknown. Most species belonging to the Cryptini tribe of the Cryptinae family are idiobiont ectoparasitoids of Holometabola pupae or pre-pupae, while some are koinobionts or endoparasitoids. Some species also parasitise the egg masses of Araneae and Pseudoscorpiones (Goulet and Huber 1993).

**Systems:** Terrestrial

## Threats

A lack of information regarding the island or habitat where the holotype was collected or regarding the present status of this species precludes an assessment of potential threats.

## Conservation Actions (see Appendix for additional information)

The species is not protected by regional law. Further research is needed into its ecology and life history in order to find extant specimens. Schwartz (2005) puts forward the possibility that *Hidryta atlantica* might be a melanic form of *H. sordida*, a widespread European species; so further taxonomic work is required.

## Credits

**Assessor(s):** Nunes, R. & Borges, P.A.V.

**Reviewer(s):** Russell, N.

## Bibliography

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Schwarz, M. 2005. Revisionen und neubeschreibungen von Cryptinae (Hymenoptera, Ichneumonidae) 1. *Linzer biologische Beiträge* 37(2): 1641-1710.

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## External Resources

For [Supplementary Material](#), and 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	Resident	Suitable	Yes

## Conservation Actions in Place

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

Conservation Action in Place
In-place research and monitoring
Action Recovery Plan: No
Systematic monitoring scheme: 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
3. Monitoring -> 3.4. Habitat trends

## Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 4
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): Unknown
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 4
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
<b>Habitats and Ecology</b>
Continuing decline in area, extent and/or quality of habitat: Unknown

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