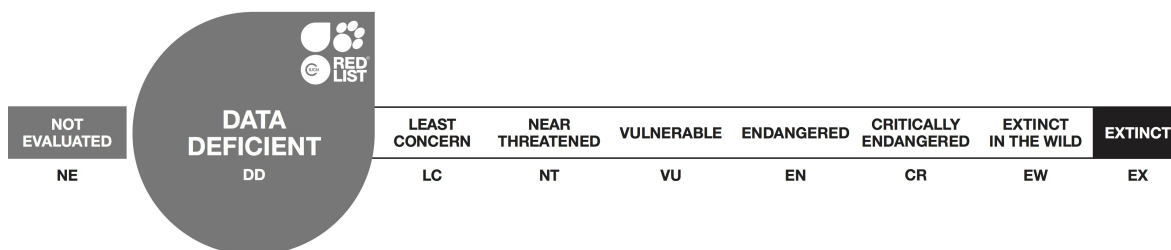


## Alestrus dolosus

Assessment by: Nardi, G. & Mico, E.



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

**Citation:** Nardi, G. & Mico, E. 2010. *Alestrus dolosus*. *The IUCN Red List of Threatened Species 2010*: e.T157633A5113198. <http://dx.doi.org/10.2305/IUCN.UK.2010-1.RLTS.T157633A5113198.en>

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Coleoptera	Elateridae

**Taxon Name:** *Alestrus dolosus* (Crotch, 1867)

## Assessment Information

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

**Year Published:** 2010

**Date Assessed:** June 5, 2009

### Justification:

European regional assessment: this species has a small distribution (endemic to three islands on the Azores). However, it is said to occur in non-native and disturbed woodland as well as in native primary woodland, so as a result of this relatively broad habitat tolerance it may not be under threat at present. Assessed as Data Deficient for the moment, since there is little information available on distribution, population status, trends and potential threats. EU 27 regional assessment: this species has a small distribution (endemic to three islands on the Azores). However, it is said to occur in non-native and disturbed woodland as well as in native primary woodland, so as a result of this relatively broad habitat tolerance it may not be under threat at present. Assessed as Data Deficient for the moment, since there is little information available on distribution, population status, trends and potential threats.

## Geographic Range

### Range Description:

This species is only found in the Azores Island, the Portuguese Archipelago in the Atlantic Ocean. Endemic to the Azores (known from the islands of Terceira, Pico and San Miguel).

### Country Occurrence:

**Native:** Portugal (Azores)

# Distribution Map

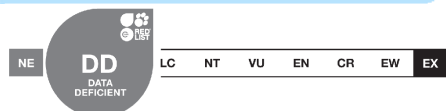


## *Alestrus dolosus*

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 little information available on the abundance of this species.

**Current Population Trend:** Unknown

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

This is an obligate saproxylic species. Occurs in native, non-native and disturbed woodland. It is commonly found under dead bark of the endemic tree *Juniperus brevifolia* and also in dead branches of other trees. Habitat has been estimated 41 (effective), 113 (potential) 0.5x0.5 km grids. It has been found in 12 of these grids (Hortal *et al.* 2005).

**Systems:** Terrestrial

## Use and Trade

Saproxylic Coleoptera tend to be popular with beetle collectors although trade is rarely an issue, the only exceptions being a few larger species of more dramatic form or colour.

## Threats

No information available.

## Conservation Actions (see Appendix for additional information)

No information available.

## Credits

**Assessor(s):** Nardi, G. & Mico, E.

**Reviewer(s):** Alexander, K. & Nieto, A.

## Bibliography

Hortal, J., Borges, P.A.V., Dinis, F., Jiménez-Valverde, A., Chefaoui, R.M., Lobo, J.M., Jarroca, S., Brito de Azevedo, E., Rodrigues, C., Madruga, J., Pinheiro, J., Gabriel, R., Cota Rodrigues, F. and Pereira, A.R. 2005. *Chapter 3. Using atlantics- Tierra 2.0 and GIS environmental information to predict the spatial distribution and habitat suitability of endemic species.*

IUCN. 2010. IUCN Red List of Threatened Species (ver. 2010.1). Available at: [www.iucnredlist.org](http://www.iucnredlist.org). (Accessed: 10 March 2010).

Ricarte, A., Jover, T., Marcos-García, M.A., Micó, E. and Brustel, H. 2009. Saproxyllic beetles (Coleoptera) and hoverflies (Diptera: Syrphidae) from a Mediterranean forest: towards a better understanding of their biology for species conservation. *Journal of Natural History* 43(9-10).

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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	-

## Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Unknown

## 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

## The IUCN Red List Partnership



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