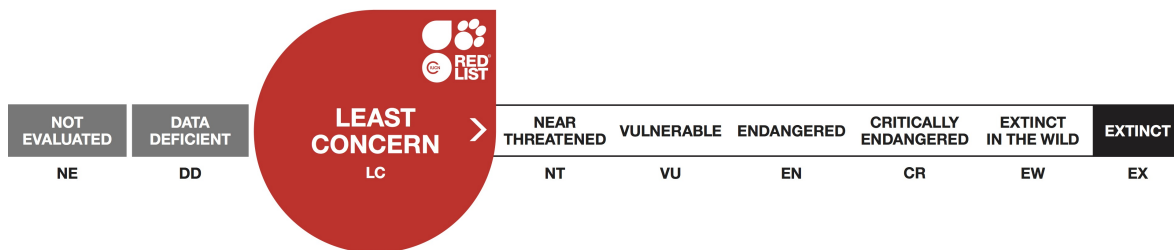


Fulvius borgesii, Capsid bug

Assessment by: Borges, P.A.V.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Hemiptera	Miridae

Taxon Name: *Fulvius borgesii* Chérot, J. Ribes & Gorczyca, 2006

Common Name(s):

- English: Capsid bug, Leaf bug, Plant bug

Taxonomic Source(s):

De Jong, Y., Verbeek, M., Michelsen, V., Bjørn, P.P., Los, W., Steeman, F., Bailly, N., Basire, C., Chylarecki, P., Stloukal, E., Hagedorn, G., Wetzell, F.T., Glöckler, F., Kroupa, A., Korb, G., Hoffmann, A., Häuser, C., Kohlbecker, A., Müller, A., Güntsch, A., Stoev, P. and Penev, L. 2014. Fauna Europaea – all European animal species on the web. *Biodiversity Data Journal* 2: e4034. DOI: 10.3897/BDJ.2.e4034.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2018

Date Assessed: February 18, 2017

Justification:

Fulvius borgesii is possibly an exotic capsid bug originally described from Terceira (Azores, Portugal) (Borges *et al.* 2010), that occurs currently also in Northern Iberian Peninsula (Hernani, Gipuzkoa) and La Palma in Canary Islands. It has a relatively small area of occupancy (AOO = 36 km²) but a very large extent of occurrence (EOO = 1,474,712 km²). Its arrival to Azores, Canary islands and Spain could be associated with transport of ornamental plants, fruit and goods imported from Central and South America during the last centuries by boat. It is mainly present in banana plantations in Azores and Canary islands where it can be an important role in natural biological control. The species is assessed as Least Concern (LC).

Geographic Range

Range Description:

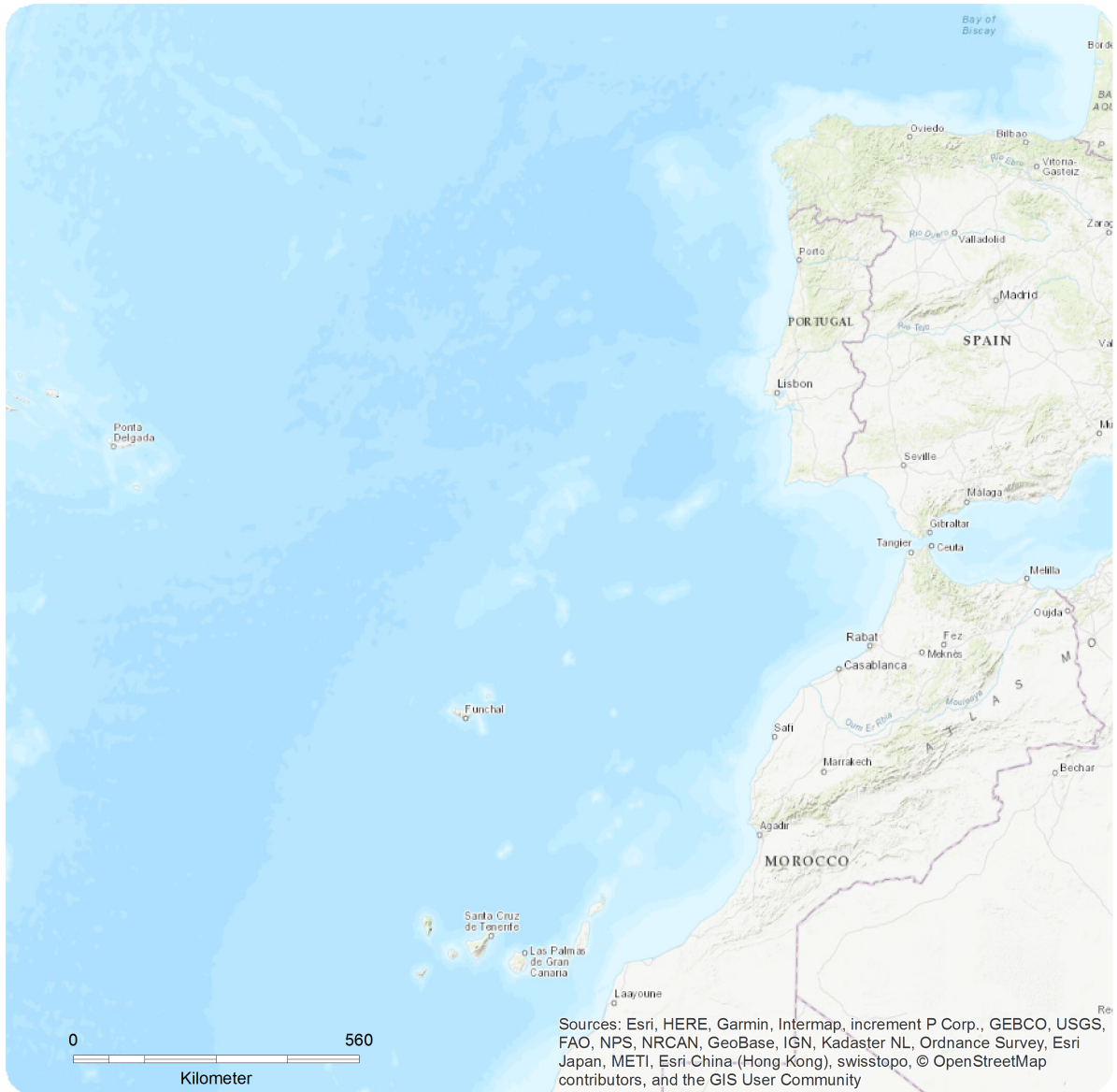
Fulvius borgesii is possibly an exotic capsid bug originally described from Terceira (Azores, Portugal) (Borges *et al.* 2010). It occurs currently in Northern Iberian Peninsula (Hernani, Gipuzkoa), La Palma in Canary Islands and Terceira Island. The extent of occurrence (EOO) is ca 1,480,000 km² and the maximum estimated area of occupancy (AOO) is 36 km².

Country Occurrence:

Introduced: Portugal (Azores); Spain (Canary Is.)

Distribution Map

Fulvius borgesii

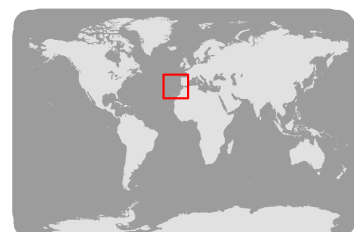


Range

Extant (resident)

Compiled by:

Paulo Borges



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



Population

Fulvius borgesii has large populations associated with banana plantations (Chérot *et al.* 2006).

Current Population Trend: Increasing

Habitat and Ecology (see Appendix for additional information)

This is a predatory species, feeding on larvae of several Diptera and Coleoptera families. It was found associated with banana plantations both in Azores and Canary Islands.

Systems: Terrestrial

Use and Trade

The species is not utilised.

Threats

This is currently considered an exotic species that is expanding its distribution, possibly associated with the transport of bananas. No threat is associated with this species.

Conservation Actions

This is currently considered an exotic species that is expanding its distribution, possibly associated with the transport of bananas. No conservation measures are needed.

Credits

Assessor(s): Borges, P.A.V.

Reviewer(s): Danielczak, A.

Contributor(s): Lamelas-López, L.

Bibliography

IUCN. 2018. The IUCN Red List of Threatened Species. Version 2018-1. Available at: www.iucnredlist.org. (Accessed: 28 June 2018).

Citation

Borges, P.A.V. 2018. *Fulvius borgesii*. The IUCN Red List of Threatened Species 2018: e.T97220823A99166809. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T97220823A99166809.en>

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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?
14. Artificial/Terrestrial -> 14.3. Artificial/Terrestrial - Plantations	Resident	Suitable	Yes
0. Root -> 16. Introduced vegetation	Resident	Suitable	Yes

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 36
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 1480000
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): Unknown
Number of Locations: 3
Continuing decline in number of locations: No
Lower elevation limit (m): 0
Upper elevation limit (m): 300
Population
Continuing decline of mature individuals: No
Population severely fragmented: Yes
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No
Generation Length (years): 1

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