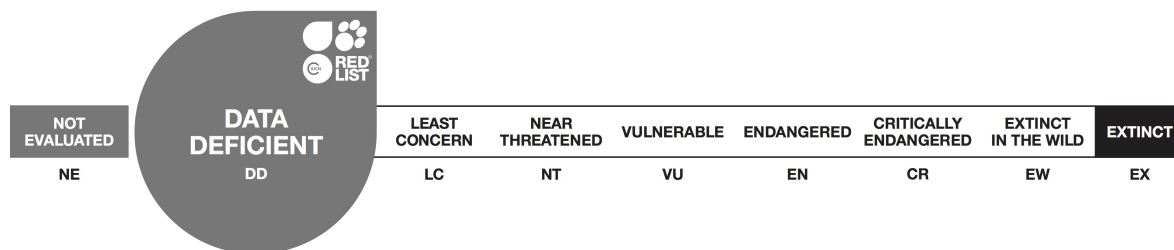


Amphisbaena hiata

Assessment by: Arzamendia, V., Fitzgerald, L., Giraud, A., Kacoliris, F., Montero, R., Pelegrin, N., Scrocchi, G. & Williams, J.



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia	Squamata	Amphisbaenidae

Taxon Name: *Amphisbaena hiata* Montero & Céspedes, 2002

Assessment Information

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

Year Published: 2017

Date Assessed: November 11, 2014

Justification:

This species is listed as Data Deficient because it has an extent of occurrence below 20,000 km² and threats conceivably exist from agricultural development. This species is, however, very rarely recorded and it belongs to a group that is often tolerant of habitat modification.

Geographic Range

Range Description:

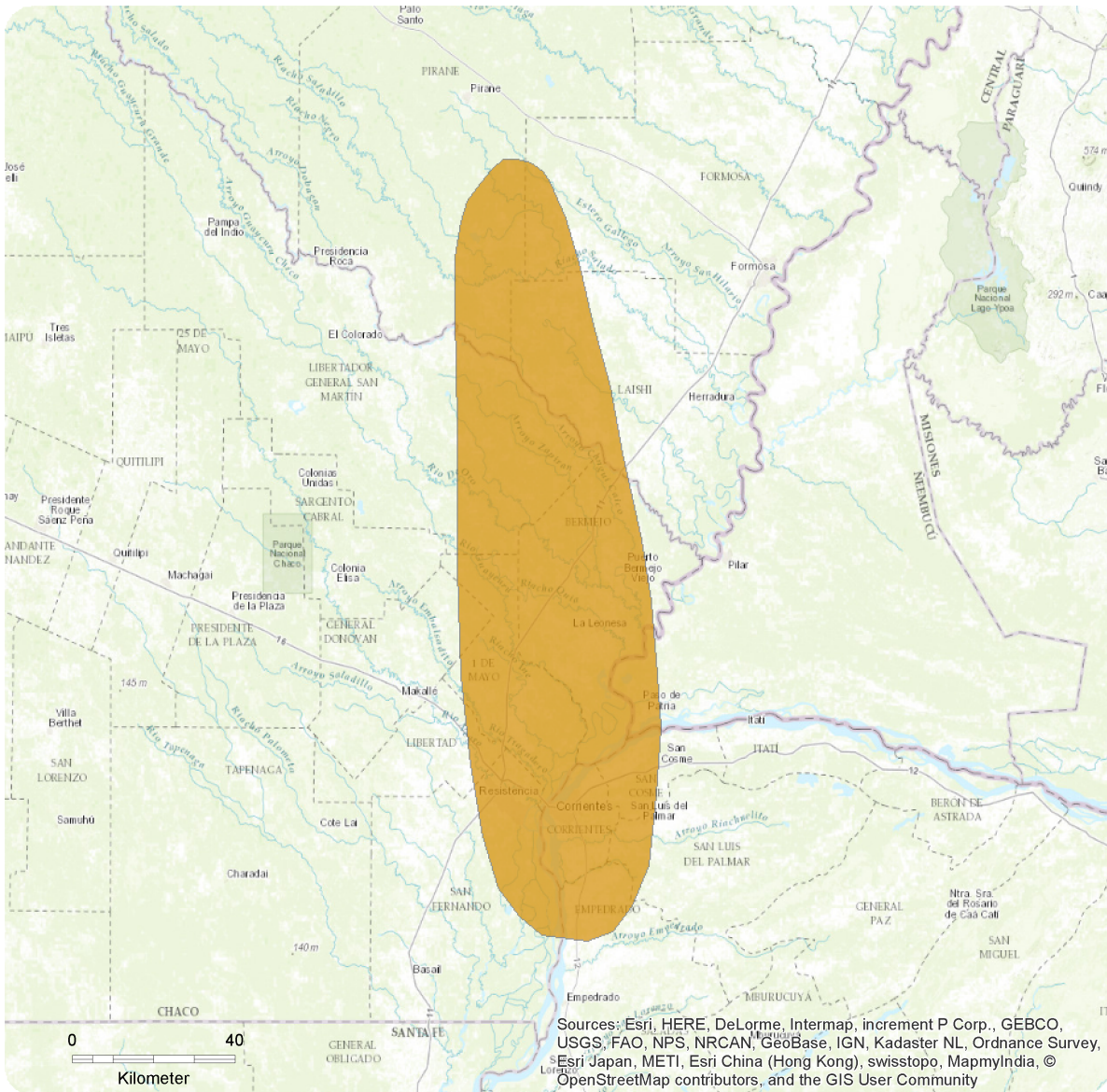
The species is known from the Provinces of Formosa and Corrientes, Argentina. Based on its apparent habitat requirements it might also be present in the Province of Chaco and in adjacent Paraguay (Montero and Céspedes 2002), however, herpetological survey work within and around the species' known distribution have failed to record it elsewhere (U. Montero pers. comm. 2015). Many areas where the species could potentially occur have not been surveyed, the full distribution of this species is uncertain (A. Giraud, U. Montero and L. Fitzgerald pers. comm. 2015).

Country Occurrence:

Native: Argentina

Distribution Map

Amphisbaena hiata



Range

Extant (resident)

Compiled by:

Center for Biodiversity, Temple University



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



Population

This species is rare; while a herpetological group within its range surveys the area more or less intensively on a regular basis, very few specimens have been recorded (U. Montero pers. comm. 2015). It is unknown whether this species is becoming scarcer (U. Montero pers. comm. 2015).

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

Amphisbaena hiata is found in the Oriental Chaco seasonally flooded grasslands and Chaco humid forest. It has been observed in soft sand and lime soils or in mud removed from gardens (very common in the periphery of the city of Corrientes); it is also found under logs or debris and in the air chamber of domed termite nests (*Cortaritermes fulviceps*) (Montero and Céspedes 2002).

Systems: Terrestrial

Use and Trade

This species is not utilized or traded.

Threats

Threats are poorly known. Many amphisbaenids appear tolerant of agricultural disturbance, however due to the limited information available on this species' ecology it has been suggested that this may not be true of *Amphisbaena hiata* (U. Montero pers. comm. 2015).

Conservation Actions (see Appendix for additional information)

This species is classified as Non Threatened in Argentina (Abdala *et al.* 2012). It occurs in a small private reserve (El Bagual, Formosa Province, Argentina).

Credits

Assessor(s): Arzamendia, V., Fitzgerald, L., Giraudo, A., Kacoliris, F., Montero, R., Pelegrin, N., Scrocchi, G. & Williams, J.

Reviewer(s): Bowles, P.

Contributor(s): Hanson, S.

Facilitator(s) and Compiler(s): NatureServe

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Citation

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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 -> 1.5. Forest - Subtropical/Tropical Dry	Resident	Suitable	Yes
2. Savanna -> 2.2. Savanna - Moist	Resident	Suitable	Yes
14. Artificial/Terrestrial -> 14.4. Artificial/Terrestrial - Rural Gardens	Resident	Suitable	Yes

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: Yes

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

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