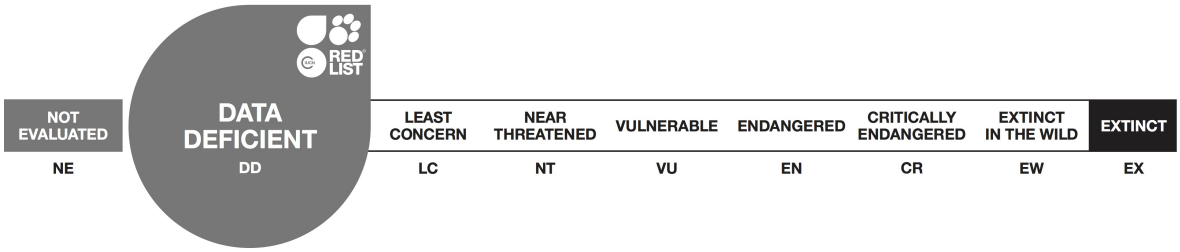
The IUCN Red List of Threatened Species™
ISSN 2307-8235 (online)
IUCN 2008: T203149A2761164
Scope: Global
Language: English

Leiosaurus paronae

Assessment by: Cacciali, P., Carreira, S., Kacoliris, F., Montero, R. & Pelegrin, N.



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Citation: Cacciali, P., Carreira, S., Kacoliris, F., Montero, R. & Pelegrin, N. 2017. *Leiosaurus paronae. The IUCN Red List of Threatened Species 2017*: e.T203149A2761164.
http://dx.doi.org/10.2305/IUCN.UK.2017-2.RLTS.T203149A2761164.en

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia	Squamata	Leiosauridae

Taxon Name: *Leiosaurus paronae* (Peracca, 1897)

Synonym(s):

- *Aperopristis paronae* Peracca, 1897

Assessment Information

Red List Category & Criteria: Data Deficient ver 3.1

Year Published: 2017

Date Assessed: May 27, 2015

Justification:

Although the species has a very wide global distribution, within this area it is restricted to wooded areas of the Chaco and Monte which are at disproportionately high risk from agricultural expansion and timber extraction. While this suggests the species is likely to be of conservation concern, too little is known about population trends - in part because while it appears relatively common it is difficult to detect - and the species' ability to persist in disturbed habitats to determine whether it is at risk of extinction, and it is consequently classified as Data Deficient.

Geographic Range

Range Description:

Leiosaurus paronae's distribution encompasses central western Argentina, from Mendoza to Santiago del Estero provinces (Pelegrin *et al*. 2006, Avila *et al*. 2013). Within this area this semi-arboreal lizard is restricted to wooded parts of the Monte and the Arid and Semiarid Chaco phytogeographic provinces (N. Pelegrin pers. comm. 2016).

Country Occurrence:

Native: Argentina (Catamarca, Córdoba, La Pampa, La Rioja, Mendoza, San Juan, San Luis, Santiago del Estero)

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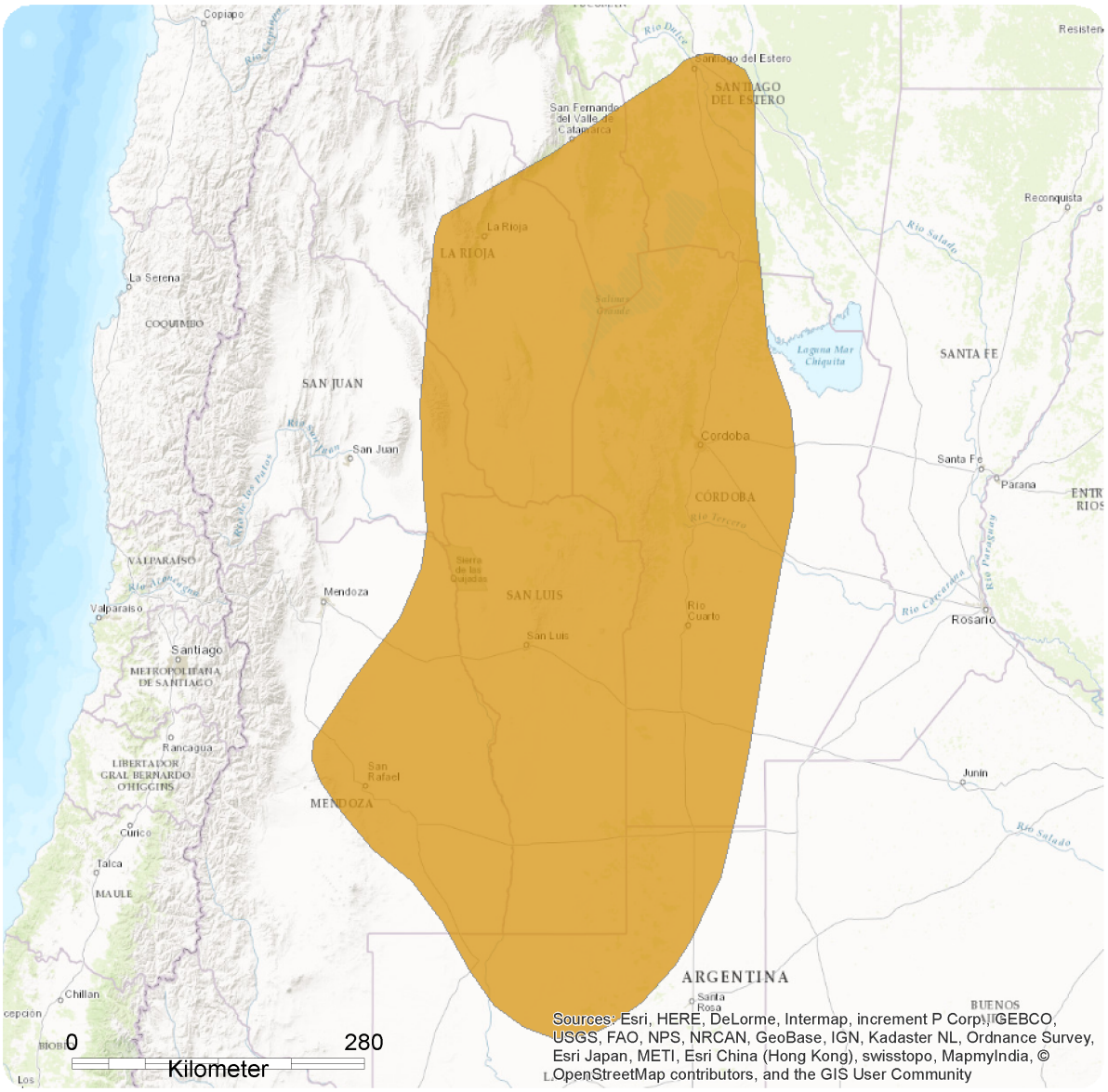
Distribution Map

Leiosaurus paronae

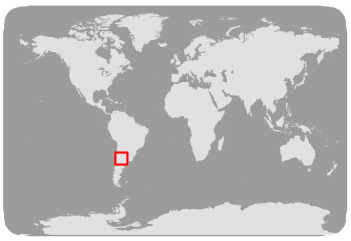


Range

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.

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Population

This is a relatively common species, however, is difficult to find because of its cryptic coloration. There is no information on the population trends for this species, however it is restricted to habitats under heavy pressure from development.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This species is associated with dry forest in the Chaco (Abdala *et al*. 2012) and to shrubs and trees of Monte regions (Videla and Puig 1994). The species is semi-arboreal, and so presumed to be strictly restricted to areas with at least moderately intact tree cover, however almost nothing is known of its biology (N. Pelegrin pers. comm. 2016).

Systems: Terrestrial

Use and Trade

This species is not utilized or traded.

Threats (see Appendix for additional information)

In Chaco habitats this lizard is threatened by habitat loss due to agricultural activities (Pelegrin and Bucher 2012) and timber extraction (N. Pelegrin pers. comm. 2016). Rates of deforestation in both the Chaco and the Monte exceed both the world mean and rates of deforestation in the Amazon; over the last 30 years dry Chaco in Corboda was reduced by 80% (Zak *et al.* 2004, Gasparri and Grau 2009, Paruelo *et al.* 2005). Sometimes it is killed by local people because they think it is a venomous species (R. Montero and N. Pelegrin pers. comm. 2014).

Conservation Actions (see Appendix for additional information)

This species is not utilized or traded. This species is classified as Vulnerable in Argentina (Abdala *et al.* 2012). This species would benefit from better information on distribution, abundance, population trend, and threats.

Credits

Assessor(s):	Cacciali, P., Carreira, S., Kacoliris, F., Montero, R. & Pelegrin, N.
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Facilitators(s) and Compiler(s):	Rodríguez, J. & NatureServe

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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
3. Shrubland -> 3.4. Shrubland - Temperate	Resident	Suitable	Yes

Threats

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

Threat	Timing	Scope	Severity	Impact Score
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.4. Scale Unknown/Unrecorded	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion		
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		

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 -> 1.5. Threats

The IUCN Red List Partnership

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