

## *Anisolepis longicauda*

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



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

**Citation:** Arzamendia, V., Fitzgerald, L., Giraud, A., Kacolis, F., Montero, R., Pelegrin, N., Scrocchi, G. & Williams, J. 2017. *Anisolepis longicauda*. *The IUCN Red List of Threatened Species 2017*: e.T203135A2761080. <http://dx.doi.org/10.2305/IUCN.UK.2017-2.RLTS.T203135A2761080.en>

**Copyright:** © 2017 International Union for Conservation of Nature and Natural Resources

*Reproduction of this publication for educational or other non-commercial purposes is authorized without prior written permission from the copyright holder provided the source is fully acknowledged.*

*Reproduction of this publication for resale, reposting or other commercial purposes is prohibited without prior written permission from the copyright holder. For further details see [Terms of Use](#).*

*The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).*

*If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.*

## Taxonomy

| Kingdom  | Phylum   | Class    | Order    | Family       |
|----------|----------|----------|----------|--------------|
| Animalia | Chordata | Reptilia | Squamata | Leiosauridae |

**Taxon Name:** *Anisolepis longicauda* (Boulenger, 1891)

**Synonym(s):**

- *Aptycholaemus longicauda* Boulenger, 1891

## Assessment Information

**Red List Category & Criteria:** Vulnerable B1ab(iii) [ver 3.1](#)

**Year Published:** 2017

**Date Assessed:** November 12, 2014

**Justification:**

Listed as Vulnerable because the extent of occurrence is approximately 7,750 km<sup>2</sup>, the species occurs in two locations (defined by habitat loss from dam construction), and there is an ongoing decline in the extent and quantity of its habitat as a result of the construction of the Yacireta dam.

## Geographic Range

**Range Description:**

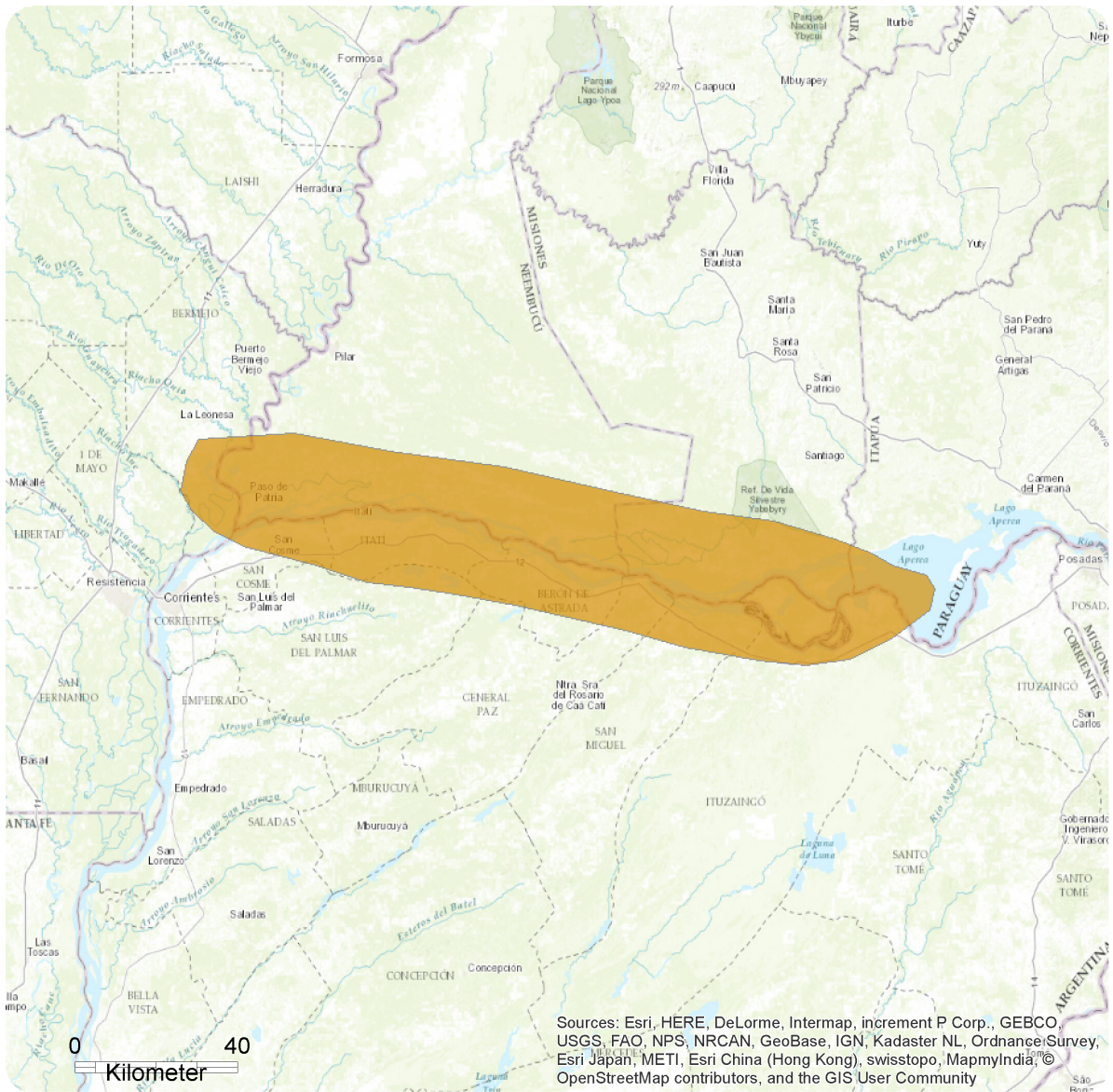
*Anisolepis longicauda* occurs only in the marshes of the Esteros del Ibera in northeastern Argentina and adjacent marshes in Itapua Department in southernmost Paraguay (L. Fitzgerald and A. Giraudo pers. comm. 2014, Abdala *et al.* 2012, Cacciali *et al.* 2016).

**Country Occurrence:**

**Native:** Argentina (Chaco, Corrientes); Paraguay

# Distribution Map

*Anisolepis longicauda*

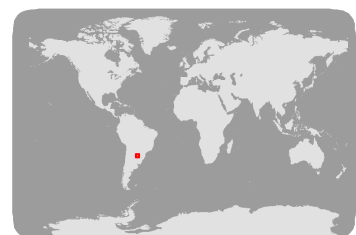


### Range

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.

**Current Population Trend:** Decreasing

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

This species is found in tall grass in wetlands (A. Giraudo pers. comm. 2014).

**Systems:** Terrestrial

## Use and Trade

This species is not utilized or traded.

## Threats (see Appendix for additional information)

In Argentina, this species is threatened by habitat loss from construction of a large dam (Yacyreta dam and reservoir). (Abdala *et al.* 2012).

## Conservation Actions (see Appendix for additional information)

It is classified as Vulnerable in Argentina on the basis of scarce records and threats from habitat loss (Abdala *et al.* 2012). In Paraguay, it is classified as Data Deficient (Motte *et al.* 2009).

## Credits

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

**Reviewer(s):** Bowles, P.

**Contributor(s):** Hanson, S.

**Facilitators(s) and  
Compiler(s):** NatureServe

## Bibliography

Abdala, C.S., Acosta, J.L., Acosta, J.C., Álvarez, B.B., Arias, F., Avila, L.J., Blanco, M.G., Bonino, M., Boretto, J.M., Brancatelli, G., Breitman, M.F., Cabrera, M.R., Cairo, S., Corbalán, V., Hernando, A., Ibargüengoytia, N.R., Kacorilis, F., Laspiur, A., Montero, R., Morando, M., Pelegrín Nicolás, Pérez, C.H.F., Quinteros, A.S., Semhan, R.V., Tedesco, M.E., Vega, L. and Zalba, S.M. 2012. Categorización del estado de conservación de las lagartijas y anfibios de la República Argentina. *Cuadernos de Herpetología* 26(Supl. 1): 215-248.

Avila, L.J., Martínez, L.E. and Morando, M. 2013. Checklist of lizards and amphisbaenians of Argentina: an update. *Zootaxa* 3616(3): 201-238.

Cacciali, P., Scott, N.J., Luz Aquino Ortíz, A. Fitzgerald, L., and Smith, P. 2016. *The Reptiles of Paraguay: Literature, Distribution, and an Annotated Taxonomic Checklist* .

Etheridge, R. and Williams, E.E. 1991. A review of the South American lizard genera *Urostrophus* and *Anisolepis* (Squamata: Iguana: Polychridae). *Bulletin of the Museum of Comparative Zoology* 152(5): 317-361.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-2. Available at: [www.iucnredlist.org](http://www.iucnredlist.org). (Accessed: 14 September 2017).

Motte, M., Núñez, K., Cacciali, P., Brusquetti, F., Scott, N. and Aquino, A.L. 2009. Categorización del estado de conservación de los anfibios y reptiles de Paraguay. *Cuadernos de herpetología* 23(1): 5-18.

## Citation

Arzamendia, V., Fitzgerald, L., Giraud, A., Kacoliris, F., Montero, R., Pelegrin, N., Scrocchi, G. & Williams, J. 2017. *Anisolepis longicauda*. *The IUCN Red List of Threatened Species 2017*: e.T203135A2761080. <http://dx.doi.org/10.2305/IUCN.UK.2017-2.RLTS.T203135A2761080.en>

## Disclaimer

To make use of this information, please check the [Terms of Use](#).

## 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? |
|--|----------|-------------|-------------------|
| 2. Savanna -> 2.2. Savanna - Moist   | Resident | Suitable    | -                 |
| 4. Grassland -> 4.6. Grassland - Subtropical/Tropical Seasonally Wet/Flooded | Resident | Suitable    | -                 |

### Threats

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

| Threat   | Timing    | Scope  | Severity | Impact Score |
|--|-----------|--|----------|--------------|
| 7. Natural system modifications -> 7.2. Dams & water management/use -> 7.2.11. Dams (size unknown) | Ongoing   | Unknown  | Unknown  | Unknown      |
|  | Stresses: | 1. Ecosystem stresses -> 1.1. Ecosystem conversion |          |              |

### 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             |

### Conservation Actions Needed

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

| Conservation Actions Needed                           |
|---|
| 1. Land/water protection -> 1.1. Site/area protection |

### 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                                |

### Additional Data Fields

|   |
|---|
| <b>Distribution</b>   |
| Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 7752     |
| Number of Locations: 2  |
| <b>Habitats and Ecology</b>                                       |
| Continuing decline in area, extent and/or quality of habitat: Yes |

## The IUCN Red List Partnership



The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#).

The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).