

Assessment Results

Telmatobius contrerasi

[AmphibiaWeb species account](#)



Contreras' Water Frog

Order: Anura **Family:** Telmatobiidae

Synonym(s):

Assessed for: Argentina **on:** 06 Aug 2021 **by:** AArk/ASG

Argentina Assessment Workshop

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IUCN Global Red List: Endangered (EN)

National Red List: (not assessed)

Distribution: Argentina

Evolutionary Distinctiveness score: 4.218120225

[IUCN Red List assessment](#)

Recommended Conservation Actions:

In Situ Conservation , In Situ Research , Applied Ex Situ Research , Conservation Education

Additional Comments: Desarrollar reproducción de la especie para suplementación

Question #	Short Name	Question Text	Response	Comments
1	Extinction risk	Current IUCN Red List category. [Data obtained from the IUCN Red List.]	Endangered (EN)	Para Argentina de encuentra Amenazada (Vaira et. al 2012)
2	Possibly extinct	Is there a strong possibility that this species might be extinct in the wild?	No / unlikely	Últimos registros son el 2004 y en búsquedas recientes no ha aparecido. En 2019 se colectaron renacuajos aproximadamente a 30km de la localidad tipo pero no se ha determinado si son de la especie (Sanabria, E. com. pers. 2021)
3	Phylogenetic significance	The taxon's Evolutionary Distinctiveness (ED) score, as generated by the ZSL EDGE program. (These data are not editable by Assessors).	ED value < 20	
4	Protected habitat	Is a population of at least 50% of the individuals of the taxon included within a well-managed or reliably protected area or areas?	No / unlikely	
5	Habitat for reintroduction, conservation translocation or supplementation	Does enough well-managed and reliably protected habitat exist, either within or outside of currently protected areas that is suitable for conservation translocation, including population restoration or conservation introduction?	No / unlikely	El límite sur de la Reserva Provincial de San Guillermo pudiera ser un área potencial para reintroducción aunque no se ha reportado la especie ahí ni se ha explorado adecuadamente
6	Previous reintroductions	Have reintroduction or translocation attempts been made in the past for this species?	No	
7	In situ conservation activities	Are any in situ conservation actions currently in place for this species? (Only required if a Red List Assessment has not been completed, or if new actions have been implemented since the last Red List Assessment. (Information from the Conservation Actions section of the Red List assessment should be reviewed and considered when answering this question.).	No / unlikely	
8	In situ conservation activities	Are additional in situ conservation actions required to help conserve this species in the wild (e.g. habitat restoration and/or protection, control of invasive species, national legislation etc.)?	Yes / probably	- Mejoramiento del manejo ganadero - Exclusión de ganado de algunas zonas y ofrecer alternativas de abrevadero - Regulación de la actividad minera - Si se encuentra la especie promover la creación de un área protegida incorporada al PN San Guillermo - Exclusión de peces exóticos del área de distribución de la especie
9	In situ research	Is additional in situ research required to better understand the species, e.g. distribution, population trends, natural history etc.?	Yes	- Monitoreo para búsqueda específica de la especie - Conocer la distribución actual de la especie - Estudio de amenazas - Biología y ecología de la especie
10	Threat mitigation	Are the threats facing the taxon, including any new and emerging threats not considered in the IUCN Red List, potentially reversible?	Threats are likely to be reversible in time frame to prevent further decline / extinction	Las amenazas que enfrenta la especie son: - Ganadería extensiva - remoción de vegetación, pisoteo, producción de pastos, quema de pastizales para rebrote (contaminación del agua con combustible que se usa para prender fuego) - Minería - Cambio climático es una amenaza potencial al haber cada vez menos nieve-agua y aumentar los períodos de sequía - Peces exóticos en ríos y arroyos del área de distribución.
11	Over-collection from the wild	Is the taxon suffering from collection within its natural range, either for food, for the pet trade or for any other reason, which threatens the species' continued persistence in the wild?	No / unlikely	
12	Population recovery	Is the known population of this species in the wild large enough to recover naturally, without ex situ intervention if threats are mitigated?	Unknown	
13	Action plans	Does an Action Plan for the species already exist, or is one currently being developed?	No	
14	Biological distinctiveness	Does the taxon exhibit a distinctive reproductive mode, behaviour, aspect of morphology or physiology, <i>within the Order to which it belongs</i> (e.g. Anura, Passeriformes etc.)?	No aspect of biology known to be exceptional	Es la especie más austral del género
15	Cultural/socio-economic importance	Does the taxon have a special human cultural value (e.g. as a national or regional symbol, in a historic context, featuring in traditional stories) or economic value (e.g. food, traditional medicine, tourism) within its natural range or in a wider global context?	No	

Question #	Short Name	Question Text	Response	Comments
16	Scientific importance	Is the species vital to current or planned research other than species-specific ecology/biology/conservation <i>within the Order to which it belongs (e.g. Anura, Passeriformes etc.)</i> e.g. human medicine, climate change, environmental pollutants and conservation science?	No research dependent on this species	
17	Ex situ research	Does conserving this species (or closely related species) in situ depend upon research that can be most easily carried out ex situ?	Yes	En caso de encontrar una población estable pusieran realizarse estudios de: - Tolerancia térmica Desarrollar reproducción de la especie para suplementación
18	Ex situ conservation activities	Is any ex situ research or other ex situ conservation action currently in place for this species? (Information from the Conservation Actions section of the Red List assessment should be reviewed and considered when answering this question.)	No / unlikely	
19	Husbandry analog required	If an ex situ rescue program is recommended for this species, would an analog species be required to develop husbandry protocols first?	Yes / probably	Telmatobius schreiteri
20	Husbandry analog	Do the biological and ecological attributes of this species make it suitable for developing husbandry regimes for more threatened related species? i.e. could this species be used in captivity to help to develop husbandry and breeding protocols which could be used for a similar, but more endangered species at a later stage?	No	
21	Captive breeding	Has this species been successfully bred and/or maintained in captivity?	Not held in captivity to date	
22	Conservation education/ecotourism potential	Is the species especially diurnal, active or colourful, or is there an interesting or unusual aspect of its ecology that make it particularly suitable to be an educational ambassador for conservation of the species in the range country, either in zoos or aquariums or within ecotourism activities?	Yes	Al ser un endemismo de la provincia de San Juan, y ser una especie amenazada, podría utilizarse como embajadora.
23	Mandate	Is there an existing conservation mandate recommending the ex situ conservation of this taxon?	No	
24	Range State approval	If an ex situ initiative was proposed for this species, would it be supported (and approved) by the range State (either within the range State or out-of-country ex situ)?	Yes / probably	
25	Founder specimens	Are sufficient animals of the taxon available or potentially available (from wild or captive sources) to initiate an ex situ program, if one was recommended?	No / unlikely	El Proyecto Rana Andina Austral (PRANA) ha sido declarado de interés ambiental por la Secretaría de Ambiente y Desarrollo Sustentable del Gobierno de la Provincia de San Juan.
26	Taxonomic status	Has a complete taxonomic analysis of the species in the wild been carried out, to fully understand the functional unit you wish to conserve (i.e. have species limits been determined)?	No	Debe darse prioridad a investigar la autenticidad de las especie.

Citation: Acosta, J.C., Barrionuevo, S., Gómez Alés, R., Lavilla, E., Martínez, T.A., Nieva, R.A., Sanabria, E. 2021. Conservation Needs Assessment for *Telmatobius contrerasi*, Argentina (AArk/ASG Argentina Assessment Workshop). <https://www.conservationneeds.org/Assessment/AssessmentResults?assessmentId=6874&countryId=99&speciesId=5442>. Accessed 02 Mar 2022