
ASSESSMENT 3

Bolitoglossa diminuta

TAXONOMY

Kingdom	Phylum	Class	Order	Family
ANIMALIA	CHORDATA	AMPHIBIA	CAUDATA	PLETHODONTIDAE

Scientific Name: *Bolitoglossa diminuta*

Species Authority: Robinson, 1976

Common Name/s:

Synonyms:

Taxonomic Notes:

ASSESSMENT INFORMATION

Red List Category & Criteria: VU D2

Justification: Listed as Vulnerable because it is known from only a single location.

GEOGRAPHIC RANGE

Range Description: This species is known only from the type locality, near Quebrada Valverde, near Tapantí, Cartago Province, Atlantic versant, Costa Rica, at 1,555-1,650 m asl (Bolanos *et al.* 1986).

Countries **Native:**
Costa Rica

POPULATION

Population: Only two specimens plus some egg clutches are known. It has not been recorded in recent surveys, however it occurs in arboreal vegetation and is difficult to find.

Population Trend: Stable

HABITAT & ECOLOGY

Habitat & Ecology: It lives in arboreal vegetation (mosses and liverworts) in lower montane rainforest. It does not occur in degraded habitats. It breeds by direct development and is not dependent upon water.

Systems: Terrestrial

Habitat codes: 9.1 Forest – Subtropical/tropical moist montane

USE & TRADE

Use & Trade:

THREATS

Major Threats: There are no major threats known.

Threat codes:

CONSERVATION ACTIONS

Conservation Actions: The area where this species was collected is now within the Parque Nacional Tapantí. There is a need for additional survey work to determine and monitor the population status of this species.

Research Action codes:

- 1.2 Research – Population size, distribution & trends
- 1.3 Research – Life history & ecology
- 1.5 Research – Threats

Conservation Needed codes:

BIBLIOGRAPHY

Bolanos, F., Robinson, D.C. and Wake, D.B. 1987. A new species of salamander (genus *Bolitoglossa*) from Costa Rica. *Revista de Biología Tropical*. 87-92.

ASSESSMENT 3: REVIEW

Evaluate the suitability of this assessment for publication on the Red List. Please place a cross (X) in the appropriate box and provide reasons for your decision

<p>Accept</p> <p>Accept without edits <input type="checkbox"/></p> <p>Minor edits needed <input type="checkbox"/></p> <p><i>For example, assessment seems appropriate, but some documentation issues to be clarified or fixed</i></p>	<p>Reject</p> <p>Return assessment to the assessor(s) <input type="checkbox"/></p> <p><i>For example, incorrect or missing criteria; documentation insufficient to determine validity of the assessment.</i></p>
<p>Please provide a summary of edits needed:</p>	<p>Please provide reasons for rejecting the assessment:</p>
<p>Reviewers – Please provide the names of reviewers responsible for the above decision</p>	