

NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Caudata, Plethodontidae, *Bolitoglossa medemi*: distribution extension

Mauricio Rivera-Correa
Paul D. Gutiérrez-C.

Grupo Herpetológico de Antioquia and Museo de Herpetología Universidad de Antioquia (MHUA), Instituto de Biología, Universidad de Antioquia, oficina 7-121, A.A. 1226, Medellín, Colombia. E-mail: mauriciorivera79@yahoo.com.ar

Bolitoglossa medemi Brame and Wake (Figure 1) is a small arboreal plethodontid salamander inhabiting humid lowland forest, recorded below 600 m above sea level, and it is found in disturbed habitats (Solís et al. 2004). This species has previously been reported from the Río Arquía (Vigía del Fuerte municipality), Department of Antioquia, from Río Opogadó and Río Napipí (Bojayá municipality), and northern flank of Alto del Buey (Riosucio municipality), Department of Chocó (Figure 2), both in the Chocoan region of western Colombia (Brame and Wake 1972; Lynch and Suárez-Mayorga 2004).



Figure 1. Adult of *Bolitoglossa medemi* (MHUA 4304) from Coquí River, town of Coquí, Nuquí municipality, Department of Chocó, Colombia. Photo by M. Rivera-Correa.

Specimens from the Darién and San Blas regions of central and eastern Panama have been referred to this species (Brame and Wake 1972; Frost 2006), but according to Solís et al. (2004), it is not clear if the Panamanian and Colombian populations belong to the same species.

During a field trip in November 2005 to the pacific coast of western Chocó, three specimens of *B. medemi* were collected. The exact locality is Coquí River (05°35'31" N, 77°21'13" W, 10 m a.s.l.), town of Coquí, Nuquí municipality, Department of Chocó, Colombia (Figure 2). The individuals were collected in the leaf litter and inside palm axils. These specimens represent a range extension for this species of approximately 117 km southwestern from the nearest known locality: Vigía del Fuerte (06°15' N, 76°30' W; Brame and Wake 1972; Lynch and Suárez-Mayorga 2004). Therefore, this record is the southern locality for Colombia and adds another species for Nuquí municipality, which contains around 60 species of amphibians (Lynch and Suárez-Mayorga 2004; PDG unpublished data). Nevertheless, it is necessary to emphasize that most reported species from Nuquí are a product of occasional visits, without an exhaustive and systematic survey. The specimens are housed in the Museo de Herpetología Universidad de Antioquia (MHUA 4302-4304).

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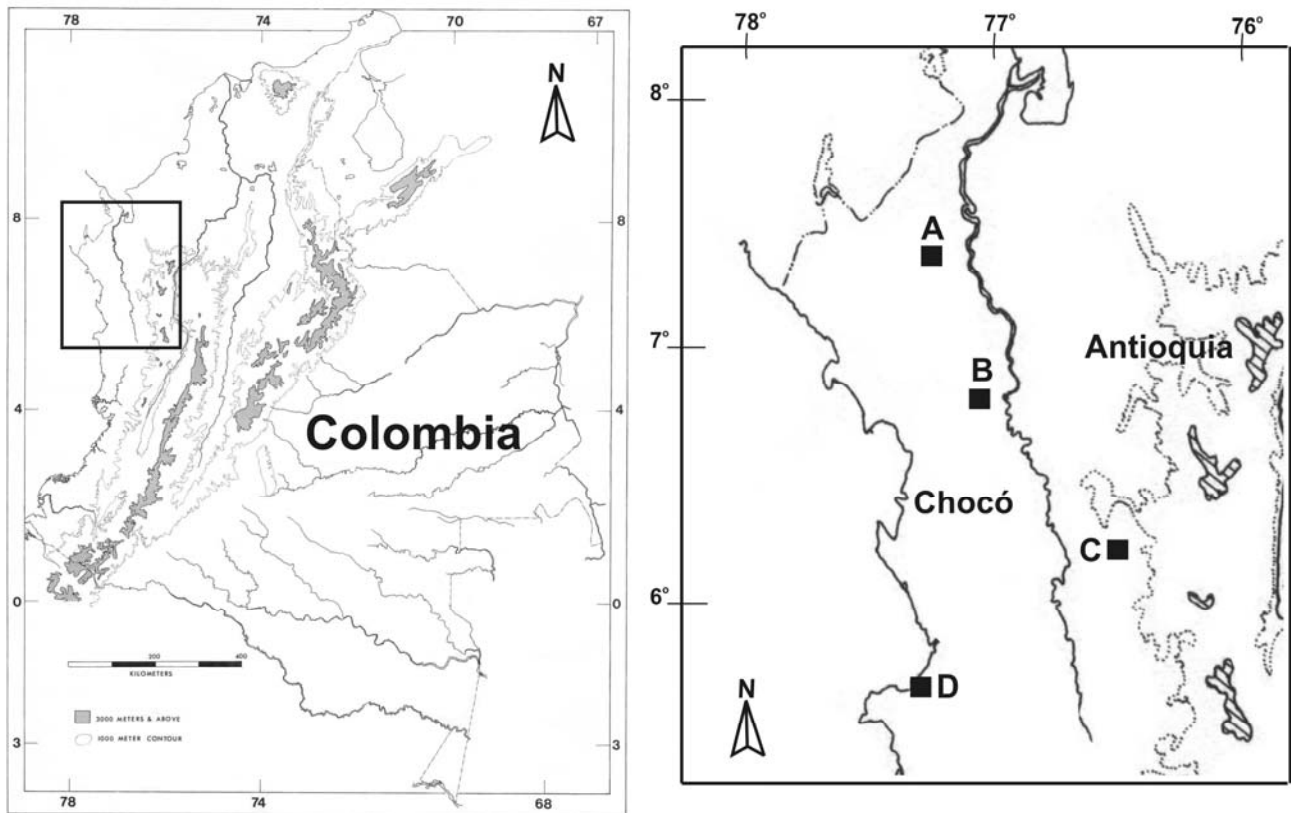


Figure 2. Localities reported (municipalities and departments) for *B. medemi*. The sites are (from north to south): A, Riosucio municipality (Department of Chocó); B, Opogadó and Napipí rivers, Bojayá municipality (Department of Chocó); C, Río Arquía, Vigía del Fuerte (Department of Antioquia; type locality); and D, town of Coquí, Nuquí municipality (Department of Chocó).

Literature cited

Brame, A. H. and D. B. Wake. 1972. New species of salamanders (genus *Bolitoglossa*) from Colombia, Ecuador and Panama. *Natural History Museum of Los Angeles County Contributions in Science* 219: 1-34.

Frost, D. R. 2006. Amphibian Species of the World: an online reference. Version 4.0. In American Museum of Natural History, New York. Electronic database accessible at <http://research.amnh.org/herpetology/amphibia/index.html>. Captured on 28 August 2006.

Lynch, J. D. and A. M. Suárez-Mayorga. 2004. Anfibios en el Chocó Biogeográfico. Pp. 633-667. In J. O. Rangel-Ch. (ed.), Colombia. *Diversidad Biótica IV. El Chocó Biogeográfico y Costa Pacífica*. Bogotá, Colombia, Universidad Nacional de Colombia.

Solís, F., R. Ibáñez, D. Wake, W. Bolívar and J. M. Renjifo. 2004. *Bolitoglossa medemi*. In IUCN 2006. 2006 Red List of Threatened Species. Electronic database accessible at <http://www.iucnredlist.org>. Captured on 29 August 2006.

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