

The taxonomic status of two *Telmatobius* frog species (Anura: Telmatobiidae) from the western Andean slopes of northernmost Chile

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Copyright © 2017 Magnolia Press. On the basis of molecular and morphological evidence, we evaluated the taxonomic identity of two species of Andean frogs of the genus *Telmatobius*: *Telmatobius pefauri* and *T. zapahuirensis*, present in the western Andean slopes at the northern extreme of Chile. We also investigated the taxonomic assignment of five populations of *Telmatobius* recently discovered around the type localities of these two species. The results indicate that *T. pefauri* inhabits, not only Murmuntani its type locality, but also the montane localities of Belén, Copaquilla, Lupica, Saxamar and Socoroma. Our study also shows that *T. pefauri* and *T. zapahuirensis* are the same taxon. Therefore, *Telmatobius zapahuirensis* Veloso, Sallaberry, Navarro, Iturra, Valencia, Penñ a & Díaz, 1982 would be a subjective junior synonym of *Telmatobius pefauri* Veloso & Trueb, 1976.