

# Amphibia, Anura, Cycloramphidae, *Macrogenioglottus alipioi* Carvalho, 1946: Distribution extension, state of Alagoas, northeastern Brazil

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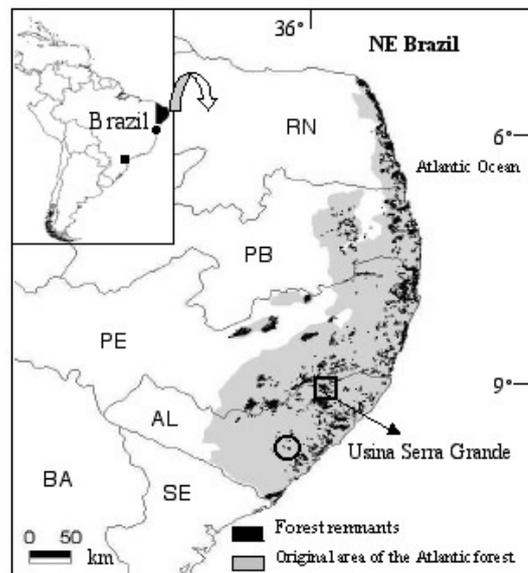
**ABSTRACT:** At the present work, the poorly known cycloramphid frog *Macrogenioglottus alipioi* Carvalho, 1946 is registered in a large Atlantic forest fragment at the state of Alagoas, northeastern Brazil. The new record extends the geographical distribution of *M. alipioi* in approximately 100 km to the northeast.

According to Frost *et al.* (2006), the species *Macrogenioglottus alipioi* Carvalho, 1946 belongs to the family Cycloramphidae and is the sole member of the genus *Macrogenioglottus*. The species was described from the municipality of Ilhéus, state of Bahia, Brazil (Carvalho 1946), and occurs in the Atlantic forest domain from the central part of the state of Alagoas to the southern part of the state of São Paulo, Brazil, the northernmost record being the municipality of Campo Alegre (09°45'32" S, 36°14'9" W), and the southernmost record being the municipality of Ribeirão Branco (24°21'47" S, 48°44'40" W) (Tiburcio *et al.* 2008).

During a short survey in March 2007 (collection permit IBAMA #11218-1), an adult of *M. alipioi* (Figure 1) was captured in a pitfall trap located at 400 m above sea level and 60 m from the edge of the Coimbra forest, a large Atlantic forest fragment (3,500 ha; 08°59'28" S, 35°50'22" W) at the Usina Serra Grande, municipality of Ibateguara, north of the state of Alagoas (Figure 2). The surroundings of the traps were characterized by the presence of small trees, lianas and deep leaf-litter.



**FIGURE 1.** Adult of *Macrogenioglottus alipioi*, municipality of Ibateguara, state of Alagoas, Brazil.



**FIGURE 2.** Distribution map of *Macrogenioglottus alipioi*. Solid circle: type locality; solid square: southernmost record, state of São Paulo; empty circle: previously known northernmost record, state of Alagoas; and empty square: new record, state of Alagoas.

The specimen (105 mm snout-vent length) was deposited at the Coleção Herpetológica da Universidade Federal Rural de Pernambuco in Serra Talhada, state of Pernambuco (collection number CHURPE601).

The new record extends the geographical distribution of *M. alipioi* in approximately 100 km to the northeast (Figure 2). Although rarely observed in the wild, *M. alipioi* probably has a wider distribution northward in the Atlantic forest. The scarce records are potentially explained by the lack of surveys and observation reports, especially along the Atlantic forest areas from extreme northeastern Brazil. In fact, the Coimbra forest where *M. alipioi* was captured constitutes one of the largest fragments in the Atlantic forest north of São Francisco River (Melo *et al.* 2006), but this is the first amphibian survey in the area.

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