

New record of *Scinax rogerioi* Pugliese, Baêta & Pombal Jr., 2009 (Anura: Hylidae) from Minas Gerais State, southeastern Brazil

Fábio Maffei^{1,*}, Bruno Tayar Marinho do Nascimento², Guilherme Marson Moya³
and Reginaldo José Donatelli¹

The treefrogs of the genus *Scinax* occur from eastern Mexico to Argentina and Uruguay with about 70 species, and in Brazil, 53 species of this genus are currently registered (Frost, 2017; Segalla et al., 2016). Recently, several species were removed from this genus and relocated within two new genera: *Oolygon* and *Julianus* (Duellman et al., 2016).

Scinax rogerioi is a medium-sized treefrog (snout-vent length [SVL] up to 35 mm), recently described and assigned to the *Scinax ruber* clade, closely related to *S. duartei* and *S. caldarium* (Pugliese et al., 2009), but absent from the latest available phylogeny (Duellman et al., 2016). This species is poorly known, and occurs in rocky field mountains in central and southeastern Brazil, with records in only four localities from the Cerrado biome (Brazilian Savanna): the type locality, at Chapada dos Veadeiros, municipality of Alto Paraíso de Goiás, Goiás State, central Brazil (Pugliese et al., 2009); and three localities in Minas Gerais State, in the Serra do Espinhaço range, southeastern Brazil: municipality of Itabirito (Linares et al., 2016), Parque Estadual do Itacolomi, municipality of Ouro Preto (Pugliese et al., 2009) and Serra do Ouro Branco, municipality of Ouro Branco (São-Pedro and Feio, 2011).

During a field trip on 23 November 2015, we observed ten individuals of *Scinax rogerioi* calling from a

permanent dam at Água Emendada Farm, municipality of Uberaba, Minas Gerais State, southeastern Brazil (-19.256525° lat, -48.018539° long; 876 m altitude). The dam of approximately 20x30 m is inserted within an original Cerrado area with the environment formed by exotic tree plantations of eucalyptus. One male individual (SVL 29 mm; Fig. 1A) was collected and deposited in the Coleção do Departamento de Zoologia da Universidade Estadual Paulista, São José do Rio Preto, São Paulo State, Brazil (accession number DZSJRP 12863). Its vocalisation was recorded and deposited in Fonoteca Neotropical Jacques Vielliard, Museu de Zoologia “Adão José Cardoso”, Universidade Estadual de Campinas, São Paulo State, Brazil (accession number FNJV 33225). On 10 August 2016, one juvenile (SVL 27 mm) was collected in the same location (DZSJRP 12865).

Males of *Scinax rogerioi* vocalise from low vegetation such as grasses or bushes, a few centimetres above the ground or water (Pugliese et al., 2009). In our record, the males vocalised at the edge of the pond in shrubby vegetation at a height of 50 cm. Non-calling individuals moving on the ground were also registered (Fig. 1B). The species was previously registered in areas of Cerrado with rocky formations. There are no such formations close to our study site, but the area is located ca. 150 km in straight-line from important mountain ranges in Minas Gerais (Serra da Canastra to the southwest, and Serra do Salitre to the northwest). The state of Minas Gerais has a rich anuran fauna with more than 200 registered species, but it still contains several sampling gaps (Nascimento et al., 2009). The present record expands the known distribution range of *Scinax rogerioi* (Fig. 2) in 450 km to the northwest of the municipality of Itabirito (Linares et al., 2016) and 575 km to the south of the municipality of Alto Paraíso de Goiás (Pugliese et al., 2009).

¹ Universidade Estadual Paulista “Júlio de Mesquita Filho”, Faculdade de Ciências, Departamento de Ciências Biológicas, 17033-360, Bauru, São Paulo, Brazil.

² Universidade Estadual Paulista, Programa de Pós-graduação em Zoologia, Instituto de Biociências, 18618-689, Botucatu, São Paulo, Brazil.

³ Instituto Pró-Terra, Chácara Bela Vista, 17209-070, Jaú, São Paulo, Brazil.

* Corresponding author e-mail: maffei.fabio@gmail.com

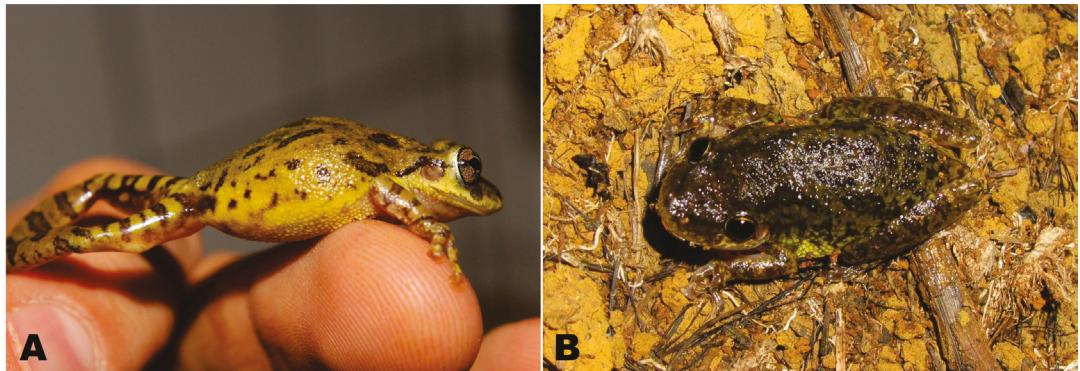


Figure 1. (A) Adult male of *Scinax rogerioi* from the municipality of Uberaba, Minas Gerais State, Brazil; (B) Individual of *Scinax rogerioi* on the ground in the same location.

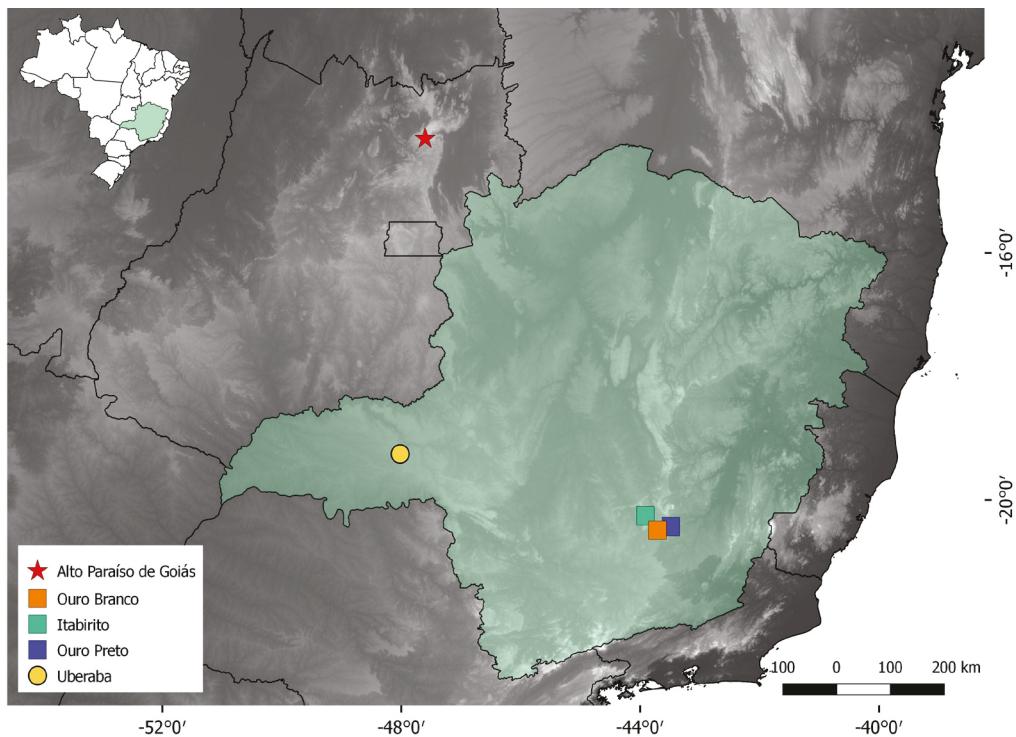


Figure 2. Map showing geographical locations (municipalities) for *Scinax rogerioi*. Star: type locality; squares: previous records; dot: present record. Inset map: Brazil.

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