

# Amphibia, Anura, Hylodidae, *Hylodes lateristrigatus* (Baumann, 1912): Filling distribution gap

Davor Vrcibradic<sup>1,3</sup>, Jane C. F. Oliveira<sup>1\*</sup>, Edicarlos Pralon<sup>2</sup> and Carlos Frederico D. Rocha<sup>1</sup>

1 Universidade do Estado do Rio de Janeiro Departamento de Ecologia, Rua São Francisco Xavier 524, Maracanã, 20550-011, Rio de Janeiro, RJ, Brazil.

2 Universidade Federal Rural do Rio de Janeiro, Departamento de Biologia Animal, C.P. 74524, 23851-970, Seropédica, RJ, Brazil.

3 Universidade Federal do Estado do Rio de Janeiro, Departamento de Zoologia, Av. Pasteur 458, Urca, 22240-290, Rio de Janeiro, RJ, Brazil.

\* Corresponding author. E-mail: [janeherpeto@gmail.com](mailto:janeherpeto@gmail.com)

**ABSTRACT:** The known geographic distribution of *Hylodes lateristrigatus* (Anura, Hylodidae) encloses a large portion of southeastern Brazil, but is somewhat disjunct, with no records between southern Rio de Janeiro and central Espírito Santo states. Here, we present a record of *H. lateristrigatus* from a site in southern Espírito Santo, filling a gap in the species' distribution. It is likely that other areas within this range (from southern Rio de Janeiro to northern Espírito Santo) are also suitable for its occurrence, and new inventories are needed to confirm it.

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Most of the species in the Neotropical frog genus *Hylodes* (Hylodidae) are endemic to forest streams in southeastern Brazil (Laia and Rocha 2012). One of these is *Hylodes lateristrigatus* described from Serra dos Órgãos mountains in the state of Rio de Janeiro (Baumann 1912), with the type locality being later restricted to Teresópolis by Bokermann (1966). Despite having been described a century ago, little information is available about this species, including its geographic distribution, which remains poorly known. Although *H. lateristrigatus* has a relatively extensive distribution in southeastern Brazil, it has so far been reported from only a few localities in the states of Rio de Janeiro (Salles *et al.* 2012) and Espírito Santo (Heyer and Cocroft 1986; Tonini *et al.* 2010; Almeida *et al.* 2011), and one locality in the state of Minas Gerais (Moura *et al.* 2012). There are no records so

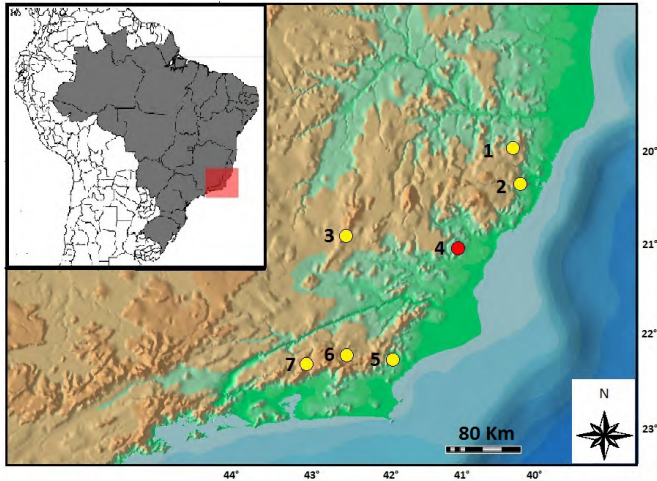
far from northern Rio de Janeiro and southern Espírito Santo, representing a distributional gap for *H. lateristrigatus*. In the present note, we provide the first record of *H. lateristrigatus* from southern Espírito Santo.

On 20 September 2009, an adult male *Hylodes lateristrigatus* (Figure 1; SVL = 36.5 mm) was collected by two of us (JCFO and EP) in a stream at the region of Serra das Torres (21°00'51.33" S, 41°13'45.02" W; datum: WGS84; 730 m elevation), in Atílio Vivacqua, Espírito Santo (collection permit # 19743-2/2009 granted by SISBIO/IBAMA). The individual was found during a herpetofaunal survey, and collected by hand. Identification of the specimen as *H. lateristrigatus* was based on some characteristics such as the ventral pattern, the lack of dark transverse bars on the hind legs, and the thin white labial stripe (Salles *et al.* 2012;



**FIGURE 1.** Dorsal (left) and ventral (right) views of preserved specimen of *Hylodes lateristrigatus* (MNRJ 66583) from the Serra das Torres mountains, Espírito Santo, Brazil.

C. Canedo, pers. comm.). The specimen is currently deposited at the amphibian collection of the Museu Nacional, Rio de Janeiro (MNRJ 66583). This record extends the distribution of *H. lateristrigatus* some 105 km south of the Reserva Biológica de Duas Bocas, Espírito Santo (Tonini *et al.* 2010), 165 km north of the Parque Municipal Atalaia, Rio de Janeiro (Salles *et al.* 2012), and 135 km east of the Parque Estadual da Serra do Brigadeiro, Minas Gerais (Moura *et al.* 2012), partially filling the large gap between those localities (Figure 2).



**FIGURE 2.** Map showing the current occurrence records of *Hylodes lateristrigatus* in the states of Espírito Santo (ES), Minas Gerais (MG), and Rio de Janeiro (RJ), southeastern Brazil: 1 – Santa Teresa, ES; 2 – Reserva Biológica de Duas Bocas, Cariacica, ES; 3 – Serra do Brigadeiro, MG; 4 – Serra das Torres, Atilio Vivacqua, ES (present record); 5 – Parque Municipal Atalaia, Macaé, RJ; 6 – Nova Friburgo, RJ; 7 – Serra dos Órgãos, Teresópolis, RJ (type locality).

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