

NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Anura, Hylodidae, *Hylodes pipilans*: Distribution extension.

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Hylodes pipilans (Canedo & Pombal, 2007) was recently described and belongs to the *Hylodes lateristrigatus* species group, the most diverse group in the genus, which is currently composed of 17 species (see Canedo and Pombal 2007). The other three species groups are composed of one to three species (Pombal et al. 2002). *Hylodes pipilans* (Figure 1) is known only from the type locality, near to the Soberbo River at Serra dos Órgãos, municipality of Guapimirim, state of Rio de Janeiro, southeastern Brazil (Canedo and Pombal 2007).



Figure 1. *Hylodes pipilans*, adult male (ZUF RJ 10319) collected at Reserva Ecológica de Guapiaçu, municipality of Cachoeiras de Macacu, state of Rio de Janeiro, Brazil. Photo by T. Silva-Soares.

The junior author LNW collected the holotype of *H. pipilans* (MNRJ 33765) allowing us to precisely determinate the geographic coordinates at the type locality, herein rectified to 22°29' S, 43°00' W, formerly 22°22' S, 42°45' W according to Canedo and Pombal (2007).

During a field expedition in September 2007 to a private reserve, Reserva Ecológica de Guapiaçu (REGUA), municipality of Cachoeiras de Macacu, state of Rio de Janeiro, southeastern Brazil (22°23' S, 42°44' W), we found and collected two calling males of *H. pipilans*. This species is diurnally active and several specimens were calling sitting on rocks within the streams at the moment we arrived at the site. The specimens collected were deposited at the Amphibian Collection of the Universidade Federal do Rio de Janeiro, Rio de Janeiro (ZUF RJ 10319-20).

The present record is the first data on *Hylodes pipilans* out of its type locality. It extends its distribution in approximately 30 km SE and lowers its altitudinal distribution in 127 meters (Figure 2).

There is no information on the conservation status of *Hylodes pipilans* on the IUCN (2007) threatened species list because the species was recently described. It should be listed in the Deficient Data (DD) category since data on geographic distribution is still being improved and no information on the abundance of known populations of *H. pipilans* are available.

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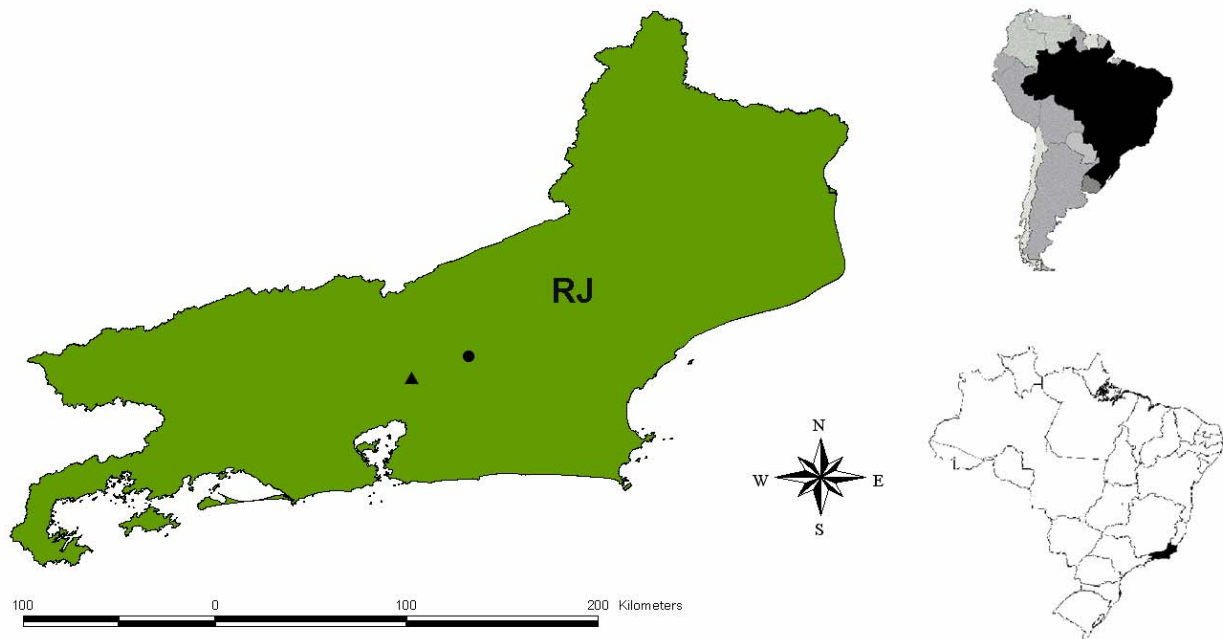


Figure 2. Geographic distribution of *Hylodes pipilans*: triangle, type locality; dot, new record at Cachoeiras de Macacu; RJ, state of Rio de Janeiro, Brazil.

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Literature cited

Canedo, C. and J. P. Pombal Jr. 2007. Two new species of torrent frog of the genus *Hylodes* (Anura, Hylodidae) with nuptial thumb tubercles. *Herpetologica* 63(2): 224-235.

IUCN, Conservation International, and NatureServe. 2007. Global Amphibian Assessment. Accessible at www.globalamphibians.org. Captured on 26 March 2008.

Pombal Jr., J. P., R. N. Feio, and C. F. B. Haddad. 2002. A new species of torrent frog genus *Hylodes* (Anura: Leptodactylidae) from Southeastern Brazil. *Herpetologica* 58(4): 462-471.

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