

**First record of *Pristimantis vinhai* (Bokermann, 1975)
(Anura: Craugastoridae) for the state of Pernambuco, Brazil**

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RESUMO: (Primeiro registro de *Pristimantis vinhai* (Bokermann, 1975) (Anura: Craugastoridae) para o estado de Pernambuco, Brazil). O anuro *Pristimantis vinhai* pertence à família Craugastoridae, subfamília Ceuthomantinae. Era considerada endêmica do Estado da Bahia, mas, mais tarde foi registrado para o estado de Sergipe. Em agosto de 2014, um espécime de *P. vinhai* foi encontrado na serapilheira em um fragmento de Mata Atlântica denominada Mata do Toró (WGS 84, 08°03'38"S; 35°10'57"O). O novo registro de *P. vinhai* para o Estado de Pernambuco se estende para o Norte de sua distribuição geográfica conhecida, em 344,40 Km, expandindo o conhecimento da anurofauna de Pernambuco.

Palavras-chave: Anura, Distribuição, Nordeste do Brasil.

ABSTRACT: The anuran *Pristimantis vinhai* belongs to Craugastoridae family, Ceuthomantinae subfamily. It was considered endemic to the state of Bahia, but was later recorded for the state of Sergipe. In August 2014, one specimen of *P. vinhai* was found on the leaf litter of an Atlantic Rainforest fragment named Mata do Toró (WGS 84, 08°03'38"S; 35°10'57"O). The new record of *P. vinhai* for the State of Pernambuco extends to North its known geographical distribution in 344.40 km, expanding the knowledge of Pernambuco anurofauna.

Keywords: Anuran, Distribution, Northeastern of Brazil.

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The anuran *Pristimantis vinhai* (Bokermann, 1975) belongs to Craugastoridae family, Ceuthomantinae subfamily (Frost, 2015). Canedo & Haddad (2012) have suggested that this species is part of the *P. conspicillatus* species complex with *P. paulodutra* (Bokermann, 1975) and *P. ramagii* (Boulenger, 1888), based on molecular evidence.

The species is found in leaf litter and understory, with long mating activity, in a period of 8 to 12 months during the year (Caramugi *et al.*, 2010; Dias *et al.*, 2014). It was considered endemic to the state of Bahia (Silvano & Pimenta, 2003; Peixoto & Pimenta, 2004; Juncá, 2006; Caramugi *et al.*, 2010; Dias *et al.*, 2014), but was later recorded for the state of Sergipe (Morato *et al.*, 2011).

In August 2014, one specimen of *P. vinhai* (Fig. 1) was found on the leaf litter of an Atlantic Rainforest fragment named Mata do Toró (WGS 84, 08°03'38"S; 35°10'57"O, Fig. 2), during a nocturnal active search. The fragment belongs to the Tapacurá Reserve in São Lourenço da Mata municipality, East of Pernambuco State, Brazil. The specimen (Identification: Dra. Diva Maria Borges Nojosa) was deposited at the Herpetological and Paleoherpetological



Figure 1. Specimen *Pristimantis vinhai* found in the Atlantic Forest fragment in the state of Pernambuco. Photo: Carlos Roberto Abrahão-12/08/2014.



Figure 2. Distribution map of *Pristimantis vinhai*. White stars represent previously known distribution (Silvano & Pimenta, 2003; Juncá, 2006; Caramugi *et al.*, 2010; Morato, *et al.*, 2011; Dias *et al.*, 2014), and black star represent the new record for the State of Pernambuco.

Collection of the Federal Rural University of Pernambuco (CHP/UFRPE-3271).

The new record of *P. vinhai* for the State of Pernambuco extends to north its known geographical distribution in about 344.40 km (Fig. 2).

According to the IUCN (2015) *P. vinhai* is listed as Least Concern (LC), but despite this, threats such as especially habitat loss may affect in future populations. New records, in addition to increasing the geographic extent of the species, highlight the importance of inventories on Atlantic Rainforest fragments and expands the knowledge of Pernambuco anurofauna, which still remains underestimated, also serving as a basis for conservation strategies.

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