

Amphibia, Anura, Dendrobatidae, *Adelphobates castaneoticus* (Caldwell and Myers 1990): distribution extension and geographic distribution map

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The Brazil-nut Poison Frog, *Adelphobates castaneoticus* (Caldwell and Myers, 1990), is a small dendrobatid frog, characterized by black dorsal surfaces of head, limbs and body, vivid white spots or short lines on the body, brilliant orange marking on the limbs and venter very dark gray to black with pattern of white markings (Caldwell and Myers 1990) (Figure 1). According to Frost (2010), it is known to occur south of the Amazon River in the state of Pará, northern Brazil (Figure 2). More specifically the species occurs in Cachoeira Juruá, type locality, near Xingu River and in Taperinha east of the mouth of Tapajós River (Caldwell

and Myers, 1990). These two sites are distant by 300 km airline, suggesting that rather the species has a relatively large geographic distribution. Both localities are based on the left bank of the river.

During 48 days on November 2007, January and March 2008 we sampled two areas along the middle of the Xingu River, Pará, Brazil. Left and right banks were sampled equally by pitfall traps and visual surveys and we collected a total of 17 individuals of *A. castaneoticus*, based on its colour and pattern characteristics. In Bom Jardim (3° 24' 53.94" S / 51° 45' 49.5" W) in the municipality of Vitória do Xingu, left bank of the Xingu River, 10 km from de type locality, we collected 15 individuals. The other two individuals were collected in Caracol (3° 27' 33.78" S / 51° 39' 42.06" W) in the municipality of Anapu on the right bank (Figure 2), 22 km from the type locality, where *A. castaneoticus* had not yet been registered.

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Figure 1. Adult of *Adelphobates castaneoticus*, in Caracol, municipality of Anapu, Pará, Brazil in March 2009. Photo by P. Peloso.

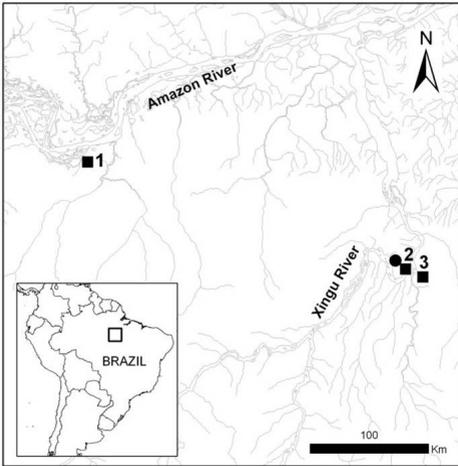


Figure 2. Distribution map of *Adelphobates castaneoticus*. The black circle is the type locality (Cachoeira Juruá), square 1 represents the westernmost distribution point (Taperinha), square 2 (Bom Jardim) on the left bank and square 3 (Caracol) on the right bank of Xingu River.

All individuals of *A. castaneoticus* were collected in open primary rainforest with lianas and palm trees. Only five individuals were captured by pitfall traps, and the others were caught in visual surveys during the day, on the litter or hanging tree roots or palm leaves, similar to as reported by Caldwell and Myers (1990). *Adelphobates castaneoticus* is considered “Least Concern” under the IUCN Red List of Threatened Species (IUCN *et al.* 2010); however, as occurs in

many other amphibian species from Amazon, data on biology and conservation status are still insufficient (Azevedo-Ramos and Gallati, 2002). Herein we update information on geographical records of *A. castaneoticus* in the state of Pará broadening the species distribution to the east of Xingu River.

Acknowledgments. We thank Marcelo Sturaro, Pedro Peloso, Francilio Rodrigues, Reginaldo T. Rocha and Marinus Hoogmoed for the help during the fieldwork at Middle Xingu. We also thank Adriano Maciel for help with the map and Pedro Peloso for *Adelphobates castaneoticus* photo and for comments and suggestions on the manuscript.

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