

Geographic distribution extension of *Notomabuya frenata* (Cope 1862): First record for the State of Maranhão, Brazil

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Notomabuya frenata (Cope, 1862) is a species of the family Mabuyidae. It presents golden reflections in the head and a brownish-black lateral band with irregular borders that extends from the snout to the groin. Individuals of this species also present fused frontoparietals, four supraoculars (some specimens may have three or five) and may reach up to 91mm in SVL (Vrcibradic and Rocha, 2011; Hedges and Conn, 2012; Cope, 1862).

The species has a wide distribution in South America (Argentina, Bolivia, Brazil and Paraguay) (Ceil, 1993; Gallardo, 1968; Hedges and Conn, 2012). In Brazil, the species has been registered in the states of Rio Grande do Sul, Paraná, São Paulo, Rio de Janeiro, Mato Grosso do Sul, Goiás, Federal District, Mato Grosso, Rondônia, Tocantins, Piauí, Minas Gerais and southern Pará (Bêrnils and Moura-Leite, 1990; Vitt, 1991; Sazima and Haddad, 1992; Lema, 1994; Vrcibradic and Rocha, 1998, Pinto and Araújo, 2000, Colli et al. 2002, Gainsbury

and Colli, 2003, Vrcibradic and Moura-Leite, 2003; Whiting et al. 2006; Vrcibradic and Almeida-Gomes, 2006; Costa et al 2008). According to Vazolini (1988), the distribution of *N. frenata* is deeply associated with the Cerrado biome. Sazima and Haddad (1992) reported that this species can also be found in some regions of the Atlantic Forest.

Despite the wide distribution of *N. frenata* in Brazil, here we report the occurrence of *N. frenata* in the State of Maranhão for the first time (Figure 1). The specimen was collected in accordance with the license SEMA-00775/2011 and deposited in the Collection of Herpetology of the Federal University of Goiás, Campus de Goiânia, Brazil, under the number ZUFG 1149. The individual was captured in a *pitfall* trap during a fieldwork related to the environmental programme of the Parnaíba Thermal Power Plant (TPP), between October and November 2015. The specimen was

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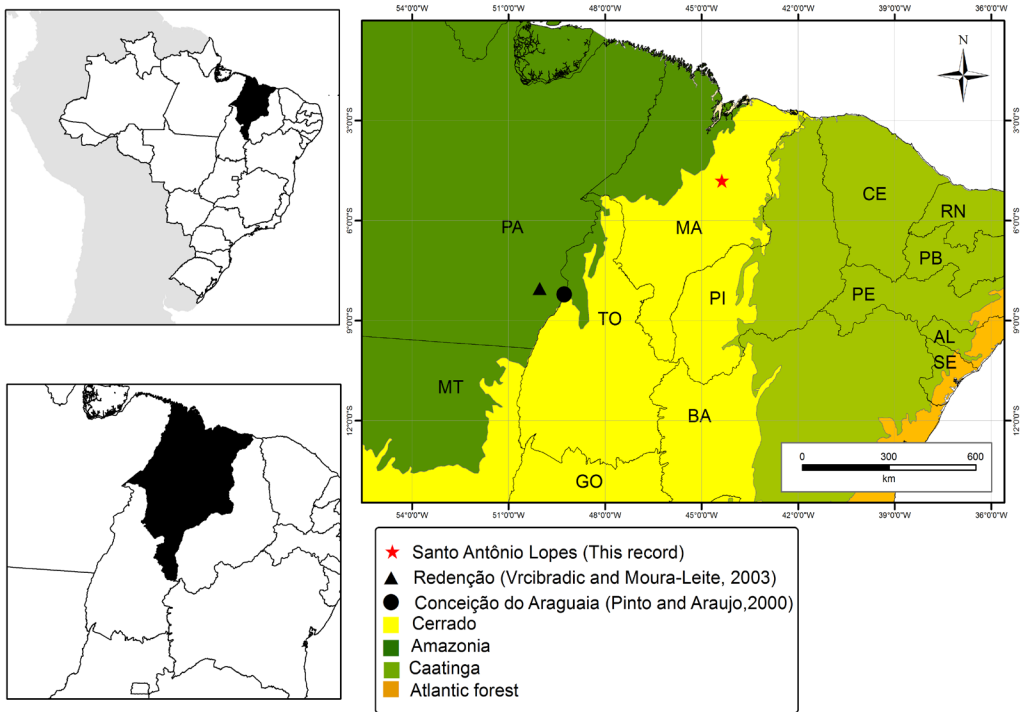
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Figure 1. Specimen of *Notomabuya frenata* collected in the municipality of Santo Antônio Lopes, state of Maranhão, northern Brazil (Photo: Karll Cavalcante Pinto).



Sistema de coordenadas Geográficas Datum Horizontal SIRGAS 2000

Figure 2. Prior records of *Notomabuya frenata* in northern Brazil. Red star: municipality of Santo Antônio dos Lopes, State of Maranhão (new record); black triangle: municipality of Redenção, state of Pará (northernmost record); black circle: municipality of Conceição do Araguaia, state of Tocantins.

recorded in the municipality of Santo Antonio Lopes ($4^{\circ} 48' 35''$ S, $44^{\circ} 21' 33''$ W), State of Maranhão, which is inserted in the micro region of Médio Mearim and is influenced by three biomes: Cerrado, Caatinga, and the Amazon Forest, with formations of babaçu and carnauba palms (IBGE, 1992 and Galvão, 1955). Thus, this report extends the distribution of the species to the northeast at about 670 km from the northernmost point (municipality of Redenção, state of Pará; Vrcibradic and Moura-Leite, 2003) (Figure 2).

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