

Rediscovery and first record of *Sibynomorphus mikanii septentrionalis* (Cunha, Nascimento & Hoge, 1980), (Squamata; Serpentes) for the state of Pará

Marco Antonio de Freitas ^{1*}, Breno J. L. Almeida ², Milena S. M. Almeida ², Thayana Salgado Danin ² and Geraldo Jorge Barbosa de Moura ³

- 1 Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio), PARNA do Catimbau, Vila Catimbau, CEP 56537-000, Buíque, Pernambuco, PE, Brazil.
 - 2 Centro Amazônico de Herpetologia. Rua Madressilva S/N, CEP 67200-000 Murinin, Benevides, Pará, Brazil.
 - 3 Universidade Federal Rural de Pernambuco (UFRPE), Departamento de Biologia, Laboratório de Estudos Herpetológicos e Paleoherpetológicos—LEHP. Rua Don Manuel de Medeiros S/N, Dois Irmãos. CEP 81840-000. Recife, PE, Brazil.
- * Corresponding author. E-mail: philodryas@hotmail.com

ABSTRACT: We report a rediscovery and new occurrence of *Sibynomorphus mikanii septentrionalis* (Cunha, Nascimento & Hoge, 1980) in the state of Maranhão, and the first record for the state of Pará, Brazil. Those records extend the species' geographic distribution 270 km southeast of Vitória do Mearim in Maranhão.

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The genus *Sibynomorphus* Fitzinger, 1843 has six known species in Brazil (Bérnills and Costa 2012). The species *Sibynomorphus mikanii* is distributed in the northeast and central west regions in the states of Bahia (Hamdan and Lira-da-Silva 2012), Goiás (Vaz-Silva *et al.* 2007; Cintra *et al.* 2009), Tocantins (Pavan and Dixo 2004), south of Ceará (Ribeiro *et al.* 2012), Paraíba (Franca *et al.* 2012) and Maranhão (Cunha, Nascimento and Hoge

1980). *Sibynomorphus mikanii septentrionalis* Cunha, Nascimento & Hoge, 1980 is a subspecies described from the municipalities of Santa Inês, Vitória do Mearim and Arari, in the north of the state of Maranhão based on the analysis of 42 specimens collected there (Figure 1) (Cunha, Nascimento and Hoge, 1980). Until the present study, this subspecies was only known from these three municipalities in Maranhão. During work carried out

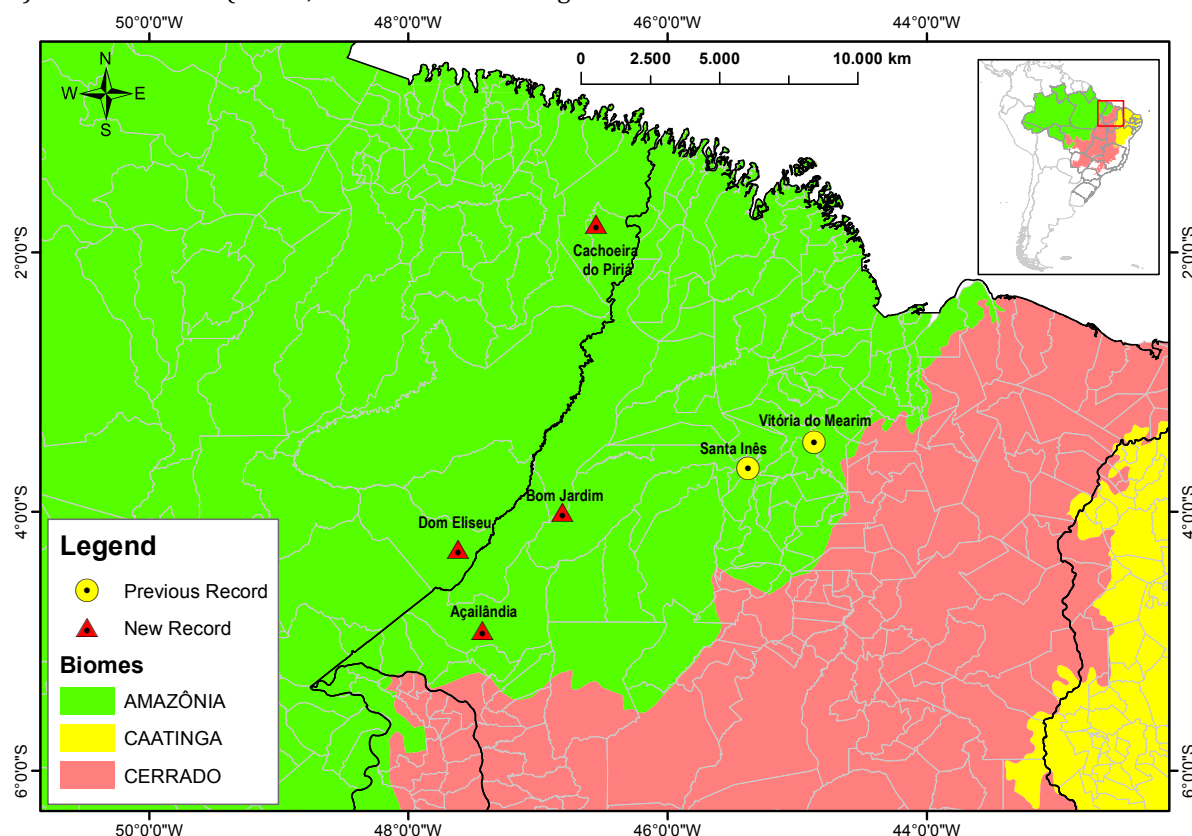


FIGURE 1. Map showing the primary and current records *Sibynomorphus mikanii septentrionalis* in the states of Maranhão and Pará, Brazil.

in the state of Pará and inventories of amphibians and reptiles of the Biological Reserve of Gurupi in Maranhão, specimens were recorded through photographs and deposited in two collections. Four new records of this subspecies were made for the states of Maranhão and Pará, extending its geographical distribution by 270 km from the type locality in Santa Inês municipality. The first record occurred on the outskirts of Açailândia in the neighbourhood of Pequiá, Maranhão (04°55'06" S, 47°25'40" W), between May 2012 and June 2013 (Figure 2). This record is located 265 km southwest of Santa Inês, one of the localities of this subspecies. Five individuals, killed by the domestic cat, *Felis catus*, were collected and deposited in the Laboratório de Herpetologia e Estudos Paleoherpétológico of the Universidade Federal Rural de Pernambuco (CLEHP-UFRPE) with the numbers CLEHP 2434-38. The second record was made in the vicinity of the Biological Reserve of Gurupi, Bom Jardim, Maranhão, (04°00'00" S, 46°48'41" W) (Figure 3), extending the distribution by 170 km southwest from the type locality of Santa Inês. This specimen was also deposited in the CLEHP-UFRPE with the voucher number CLEHP1858. The first record from the state of Pará occurred on 30 June 2013 in the village of Cachoeira do Piriá (01°46'57" S, 46°33'59" W) when two individuals were collected and deposited in the Museu Emilio Goeldi, Belém, Pará with the voucher numbers MPEG 25853 and 25854 (Figures 4

and 5). This extends the distribution of this species by 230 km northwest of Santa Inês in Maranhão, and is the first record for the state of Pará. The second record for Pará occurred in Don Eliseu (04°17'10" S, 47°37'22" W) and is a photographic record (Figure 6) that extends by about 270 km the distribution of this species from the type locality in Santa Inês in Maranhão. Permits issued for collections over the period of study were: SEMA/PA authorization number 2367/2013 and research permit (ICMBio-SISBIO 36669-1). These records extend the geographic distribution of this subspecies by 270 km, and are the first record for the



FIGURE 2. *Sibynomorphus mikani septentrionalis* CLEHP 1858, fragmented specimen captured by domestic cat on the outskirts of the city of Açailândia, Maranhão state. (Photo by MAF).



FIGURE 3. *Sibynomorphus mikani septentrionalis* CLEHP 2435, female, SVL 330 mm, collected in the biological reserve of Gurupi in Bom Jardim, state of Maranhão. (Photo by MAF).



FIGURE 4. *Sibynomorphus mikani septentrionalis* MPEG 25853, female, SVL 280 mm collected in Cachoeira do Piriá, state of Pará. (Photo by AJ).



FIGURE 5. *Sibynomorphus mikani septentrionalis* MPEG 25854, male, SVL 250 mm collected in Cachoeira do Piriá, state of Pará. (Photo by AJ).



FIGURE 6. *Sibynomorphus mikani septentrionalis* CHPUFRPE 3939, photographed in Don Eliseu, state of Pará. (Photo by BA).

state of Pará and the rediscovery of this subspecies after 34 years with no record of specimens.

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