

NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Anura, Hylidae, *Scinax fuscomarginatus*: Distribution extension

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The treefrog genus *Scinax* currently comprises 73 species occurring in Brazil. *Scinax fuscomarginatus* is a small species in the *Scinax ruber* clade (Faivovich 2002; Faivovich et al. 2005), with about 20 mm of snout-vent length (Figure 1). Treefrogs of the *S. ruber* clade occur from Mexico to Argentina and may have originated in South America (Léon 1969). *Scinax fuscomarginatus* is typical from open areas such as those of Pantanal and Cerrado (Brasileiro

et al. 2005; Toledo and Haddad 2005a; b), occurring in the central portion of Brazil (Haddad et al. 2008) and also in eastern Bolivia, Paraguay, and Argentina (Frost 2007). In spite of this wide distribution, its geographic range is still unclear, and some populations can be found in open areas of unexpected biomes, such as the Atlantic Forest (Freitas and Silva 2007). Furthermore, the austral boundaries of its distribution remain unclear.



Figure 1. (A) Adult male of *Scinax fuscomarginatus* collected in the municipality of Viçosa do Ceará, state of Ceará, Brazil (CFBH 19386) (Photo: Daniel Loebmann). (B) Temporary ponds (arrows) where the species was found in the Ilha das Canárias, Delta do Parnaíba, state of Maranhão, Brazil (Photo: Palê Zuppani).

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We registered *S. fuscomarginatus* for six localities in northeastern Brazil: state of Alagoas, municipality of Passo de Camarajibe (09°17' S, 35°23' W; specimens deposited in the Célio F. B. Haddad amphibian collection, housed at the *Departamento de Zoologia, Universidade Estadual Paulista, Rio Claro - SP, CFBH 7324; 7327-28; 7349-52; 7402-05*); state of Maranhão, Ilha das Canárias, municipality of Araiões (02°47' S, 41°52' W; specimens deposited in the *Coleção Herpetológica Delta do Parnaíba, Universidade Federal do Piauí, Parnaíba - PI, CHDP 0027; 0094*), municipality of Alcântara (02°15' S, 44°25' W), and municipality of Timbiras (04°15' S, 43°56' W; specimens deposited in the *Coleção Herpetológica Delta do Parnaíba, CHDP 0097*); state of Piauí, Ilha Grande de Santa Isabel, municipalities of Ilha Grande do Piauí and Parnaíba (02°51' S, 41°49' W) (Figure 2); state of Ceará, municipality of Viçosa do Ceará (03°24' S, 41°07' W) (CFBH 19386). All individuals were identified by advertisement calls and external morphology.

These are the first records of *S. fuscomarginatus* for the coastal islands and for the state of Piauí and also for the state of Ceará. These new records extend the distribution of *S. fuscomarginatus* in about 760 km northeastern from the municipality of Ribamar Fiquene, state of Maranhão (05°55' S, 47°22' W) (Brasileiro et al. 2008). These findings in transitional environments and in estuaries, as the region of Parnaíba's Delta and in the state of Alagoas, indicate that the species is not restricted to the Cerrado and Pantanal environments, as formerly stated by Colli et al. (2002).

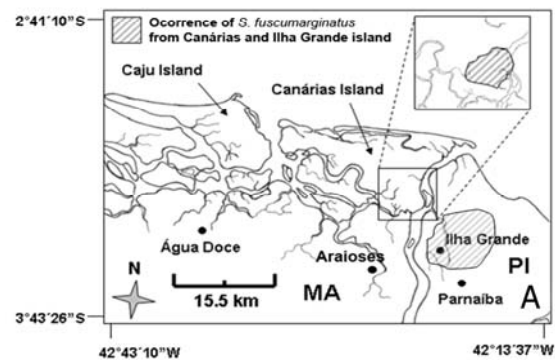
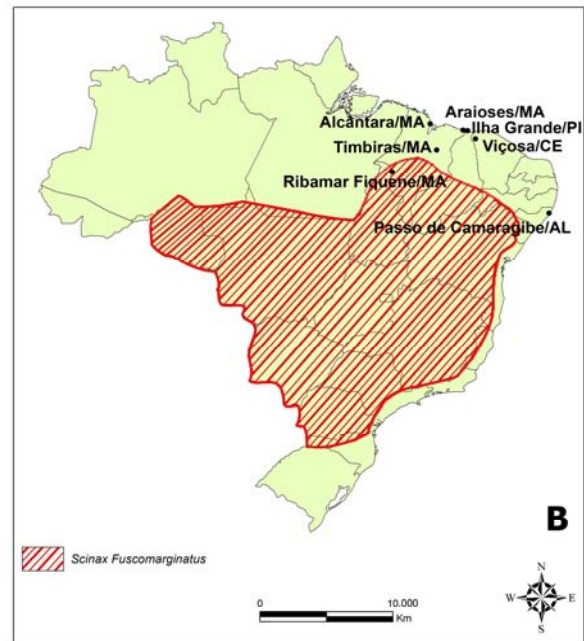


Figure 2. (A) Geographic distribution of *Scinax fuscomarginatus*; dots indicate new records for the species. (B) Geographic distribution of *S. fuscomarginatus* on the islands of the Parnaíba's Delta.

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