

# Reptilia, Squamata, Gymnophthalmidae, *Heterodactylus imbricatus* Spix, 1825: Filling gaps in the state of Minas Gerais

Iara Alves Novelli\*, Priscila da Silva Lucas and Rodrigo Costa Santos

Centro Universitário de Lavras (UNILAVRAS), Laboratório de Zoologia. R. Padre José Poggel, 506, Centenário. CEP 37200-000. Lavras, MG, Brasil.  
\* Corresponding author. E-mail: [iaranovelli27@gmail.com](mailto:iaranovelli27@gmail.com)

**ABSTRACT:** *Heterodactylus imbricatus* occurs in southeastern of Brazil in areas of high altitude Atlantic rainforest. We collect one adult female and one adult male of this species in Reserva Biológica Unilavras - Boqueirão, in municipality of Ingai (MG). The habitat encompasses riparian forest associated with Cerrado biome.

The genus *Heterodactylus* comprise three species of lizards, all of them with distribution range restricted to Brazil: *Heterodactylus imbricatus* Spix, 1825; *Heterodactylus lundii* Reinhardt and Lutken, 1862; and *Heterodactylus septentrionalis* Rodrigues, Freitas and Silva 2009 (Rodrigues *et al.* 2009; Bérnils 2010).

*Heterodactylus imbricatus* is a Gymnophthalmidae that occurs in southeastern Brazil (Minas Gerais, Rio de Janeiro, São Paulo and Espírito Santo states), in high altitude areas of Atlantic Rainforest domain (Von Hering 1898; Rocha *et al.* 2004; Sendas and Araújo 2004; Dixo and Verdade 2006; Rodrigues *et al.* 2007; 2009; Dixo and Metzger 2009; Marques *et al.* 2009).

On 7 November 2008 and 17 September 2009, one adult female (6.14 mm snout-vent length; Figure 1) and one adult male (9.68 mm snout-vent length; Figure 2) *Heterodactylus imbricatus* were collect in Reserva Biológica Unilavras - Boqueirão (RBUB) (21°20'47" S, 44°59'27" W, 1,250 m elevation) (Figure 3) municipality of Ingai, state of Minas Gerais (permits: SISBIO/14740-1,



**FIGURE 1.** Adult female *Heterodactylus imbricatus* (CRLZ 000074) from the Reserva Biológica do Unilavras - Boqueirão, municipality of Ingai, state of Minas Gerais. Photo by R. C. Santos.



**FIGURE 2.** Adult male *Heterodactylus imbricatus* (CRLZ 000143) from the Reserva Biológica do Unilavras - Boqueirão, municipality of Ingai, state of Minas Gerais. Photo by I. A. Novelli.

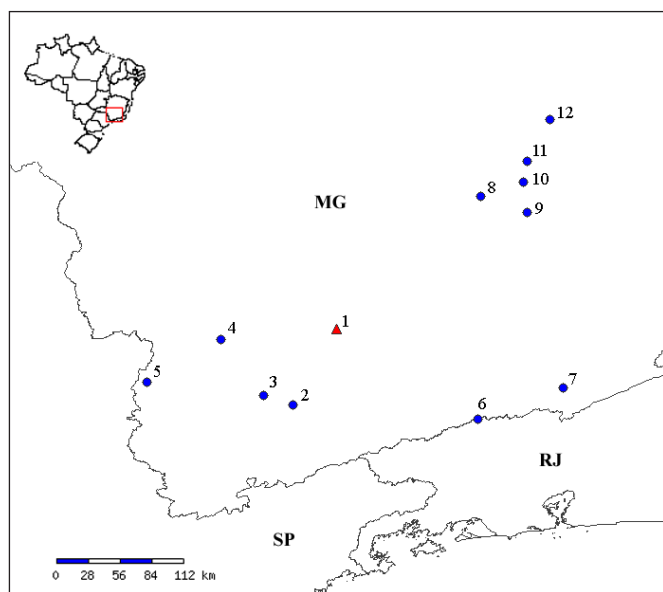
register 1971350). The habitat encompasses riparian forest associated with physiognomies of Cerrado.

This species was previously registered in the state of Minas Gerais in the municipalities of Santa Bárbara, Alfenas, Itabira, Itabirito, Lambari, Mariana, Rio Preto, Poços de Caldas, São Gonçalo do Sapucaí and São Pedro do Piqueri (Figure 4) (Rodrigues *et al.* 2007, 2009). The record here reported represents a filling gap in the geographical distribution of *H. imbricatus* in the state of Minas Gerais.

In despite of previous registers of *H. imbricatus* in areas of Atlantic Rainforest (Rocha *et al.* 2004; Sendas and Araújo 2004; Dixo and Verdade 2006; Gonçalves *et al.* 2007; Rodrigues *et al.* 2009; Dixo and Metzger 2009; Marques *et al.* 2009) the specimens of the current study were collected in a riparian forest in a Cerrado habitat. This fact highlights the importance of forest fragments associated to Cerrado domain on the distribution of this lizard species. Voucher specimens (CRLZ 000074, 000143) were deposited at the Coleção de Répteis do Laboratório de Zoologia, Centro Universitário de Lavras - Unilavras, municipality of Lavras, state of Minas Gerais, Brazil.



**FIGURE 3.** Study area, located in the Reserva Biológica do Unilavras - Boqueirão, municipality of Ingaí, state of Minas Gerais. Photo by R. C. Santos.



**FIGURE 4.** Known distribution of *Heterodactylus imbricatus* in the state of Minas Gerais. Blue circles = literature registers; red triangle = present register. 1. Reserva Biológica do Unilavras, municipality of Ingaí; 2. Parque Estadual Nova Baden, municipality of Lambari; 3. municipality of São Gonçalo do Sapucaí; 4. municipality of Alfenas; 5. municipality of Poços de Caldas; 6. municipality of Rio Preto; 7. municipality of Pequeri (previously known as São Pedro do Pequeri); 8. municipality of Itabirito; 9. municipality of Mariana; 10. District of Santa Rita Durão, municipality of Mariana; 11. Serra do Caraça, municipality of Santa Bárbara; 12. municipality of Itabira) (MG = Minas Gerais state; SP= São Paulo state; RJ= Rio de Janeiro state).

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