



The Amazon Green Anole, *Anolis punctatus* Daudin 1802 (Squamata: Dactyloidae): A New Geographic and Elevational Record in Bolivia

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The Amazon Green Anole (*Anolis punctatus*) is widely distributed in Amazonia, where it occurs in Brazil, Guyana, Venezuela, Colombia, Ecuador, Peru, and Bolivia (Vitt et al. 2003; Duellman 2005; Ribeiro-Junior 2015; Uetz et al. 2022). In Bolivia, this species inhabits the Amazonian forests in the departments of Beni, La Paz, Pando, and Santa Cruz (Fugler 1988; Lavilla et al. 1996; Moravec and Aparicio 2000, 2005; Cortez-Fernandez 2005).

At 2200 h on 15 January 2022, while conducting diurnal and nocturnal standard visual encounter surveys (Crump and Scott 1994) in a mature secondary forest and abandoned fallow crop, we encountered an adult male *Anolis punctatus* (76

mm SVL) on a leaf of a Tree Begonia (*Begonia* cf. *parviflora*) 1.90 m above the ground (Fig. 1) in an abandoned fallow crop near Yanamayú, Carrasco National Park, Cochabamba, Bolivia (17°23'13.14"S, 65°15'23.30"W; 1,005 m asl; Fig. 2) in the Yungas Boliviano-Peruanos ecoregion (Ibisch and Merida 2003). We collected the anole under permit MMAYANMABCCGDF/DGBAP/MEG N° 0053/2019, extracted and preserved muscle tissue in 96% ethanol, and deposited the specimen in the Museo de Historia Natural Alcide d’Orbigny (MHNC-R 3200). Based on characters described in Avila-Pires (1995), Duellman (2005), and Ayala-Varela and Carvajal-Campos (2020) (Fig. 3), we identified



Fig. 1. An adult male Amazon Green Anole (*Anolis punctatus*) from near Yanamayú, Carrasco National Park, Cochabamba, Bolivia. Photograph by Oliver Q-M.



Fig. 2. The geographic distribution of the Amazon Green Anole (*Anolis punctatus*) in Bolivia. Historical records are indicated by blue dots, the new record by the red triangle, and Carrasco National Park by the green outline.



Fig. 3. Characteristics of the adult male Amazon Green Anole (*Anolis punctatus*) (MHNC-R 3200) from near Yanamayu, Carrasco National Park, Cochabamba, Bolivia: Lateral view of the head and the body (A); dewlap (B), and dorsal view of the head and body (C). Photographs by Oliver Q-M.

the species as *Anolis punctatus*, which was confirmed by Luis Felipe Esqueda (Laboratorio de Biogeografía, Facultad de Ciencias Forestales y Ambientales, Universidad de Los Andes, Mérida 5101, Venezuela).

To the best of our knowledge, this is the first documented record of the species in the department of Cochabamba, Bolivia, and the highest and southernmost record in South America, extending the known distribution more than 370 km southwest of the closest record at Río Negro, Puerto Almacen, Santa Cruz, Bolivia.

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