



Redescription of *Anolis rubribarbaris* (Köhler, McCranie, & Wilson 1999), a poorly-known Mesoamerican cloud forest anole (Squamata: Polychrotidae)

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Abstract

Anolis rubribarbaris (Köhler, McCranie, & Wilson 1999) was described based on a single adult male specimen collected in 1994, which lacked color notes or everted hemipenes. We recently collected three additional specimens of *A. rubribarbaris*, one male and two females, from near the type locality in Parque Nacional Montaña de Santa Bárbara. We present a redescription of *A. rubribarbaris* based on this new material, which includes the first description of the hemipenis, the first description of a female, and the first description of the color in life of both sexes.

Key words: Honduras, Iguania, *Norops*, Nuclear Central America, Parque Nacional Montaña de Santa Bárbara, Sauria

Resumen

Anolis rubribarbaris (Köhler, McCranie, & Wilson 1999) fue descrito basándose en un único espécimen macho adulto colectado en 1994, y que carece de datos de color y los hemipenes no están evertidos. Recientemente colectamos tres especímenes adicionales de *A. rubribarbaris*, un macho y dos hembras, en las cercanías de la localidad tipo en el Parque Nacional Montaña de Santa Bárbara. Presentamos una redescipción de *A. rubribarbaris* con base en este material, el cual incluye la primera descripción de los hemipenes, la primera descripción de una hembra y la primera descripción de color en vivo de ambos sexos.

Introduction

Honduras is well known for its high degree of herpetofaunal diversity (McCranie and Wilson 2002; Wilson and McCranie 2004), particularly among polychrotid lizards of the genus *Anolis* (sensu Poe 2004). There are at least 36 species of anoles found in Honduras, of which at least 17 are endemic to the country. Some of these endemic species are known only from a limited number of individuals, and, in some cases, the holotype specimen itself is the only material known to represent the taxon.

One case of an endemic anole known only from a single specimen is *Anolis rubribarbaris* (Köhler, McCranie, & Wilson 1999), described based on a single male specimen collected by a Florida Museum of