

Survey of the herpetofauna in a legal reserve of a site in the municipality of Colorado do Oeste Rondônia



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ABSTRACT

Brazil has the highest richness of amphibians in the world, with 1,080 species currently recognized, belonging to three Orders: 1,039 Anura (frogs, toads and frogs), 5 Caudata (salamanders) and 36 Gymnophiona (blind snakes and caecilians), and many new species have been described in recent years (ICMBio, 2018).

Keywords: Amazon, Amphibians, Reptiles, Survey, Colorado of the West.

1 INTRODUCTION

Brazil has the highest richness of amphibians in the world, with 1,080 species currently recognized, belonging to three Orders: 1,039 Anura (frogs, toads and frogs), 5 Caudata (salamanders) and 36 Gymnophiona (blind snakes and caecilians), and many new species have been described in recent years (ICMBio, 2018). The Brazilian territory has the third richest reptile fauna on the planet, with 795 species: 36 Testudines, 6 Crocodylia and 753 Squamata, (Costa & Bérnils 2018), behind Australia (1,057) and Mexico (942). In the state of Rondônia there are few studies with information on inventories and biology of amphibians. Among the studies developed in Rondônia, the work of VANZOLINI (1986) stands out, who presented a list of amphibians and reptiles through collections along the BR-364. In the Amazon is found a great wealth of amphibians, however, in some regions are still little known. This study aimed to present an inventory of amphibians and reptiles from an area of secondary forest fragment in the reserve of a site in the Municipality of Colorado do Oeste, located in the state of Rondônia. Data collection occurred between the months of March 2020 and August 2020, using four sampling methods, time-limited search, traps of interception and fall, occasional encounters and vocalization. A total of 19 anuran species distributed in seven families were recorded. Hylidae and Leptodactylidae were the families with the highest number of species found. The reptiles were found 5 species in five families.



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