

# 3D model related to the publication: A new fossil of Tayassuidae (Mammalia: Cetartiodactyla) from the Pleistocene of northern Brazil

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## Abstract

The present 3D Dataset contains the 3D model of a left dentary with m1-m3 analyzed in “A new fossil of Tayassuidae (Mammalia: Cetartiodactyla) from the Pleistocene of northern Brazil”. The 3D model was generated using a laser scanning.

**Keywords:** Laser scanning, megafauna, Rio Madeira Formation, Rondônia

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Model IDs	Taxon	Description
UFSM11606	<i>cf. Pecari tajacu</i>	Left dentary with m1-m3

**Table 1.** Represented specimen. Collection: UFSM, paleontological collection of the Laboratório de Estratigrafia e Paleobiologia of the Universidade Federal de Santa Maria, Santa Maria, Brazil.

## INTRODUCTION

The extant South American Tayassuidae are represented by *Pecari tajacu*, *Tayassu pecari*, and *Parachoerus wagneri* (Parisi-Dutra et al. 2017). Extinct species have been documented since the Pliocene, with an extensive Quaternary fossil record. In this contribution, we reported a 3D model of a left dentary with m1-m3 of assigned to *cf. Pecari tajacu* from the Pleistocene deposits of Rio Madeira Formation, northern Brazil (Fig. 1 and table 1).

## METHODS

The specimen (UFSM 11606) examined here is housed at the paleontological collection of the Laboratório de Estratigrafia e Paleobiologia of the Universidade Federal de Santa Maria, Brazil (UFSM). The fossil was found in a project of paleontological rescue during the construction of the Jirau Hydroelectric Powerplant, Rondônia, Brazil, located around 120 km of Porto Velho city. The specimen was recovered from a conglomeratic deposit (“mucururu”) of the Rio Madeira Formation, located at Ilha da Formiga (9° 16' 15,29" S; 64° 39' 53,87" W). The specimen was scanned using a laser scanner (Z-Scan 700) at the Centro de Apoio à Pesquisa Paleontológica/Universidade Federal de Santa Maria. The 3D surface models are provided in .ply format, and can, therefore, be opened with a wide range of freeware.

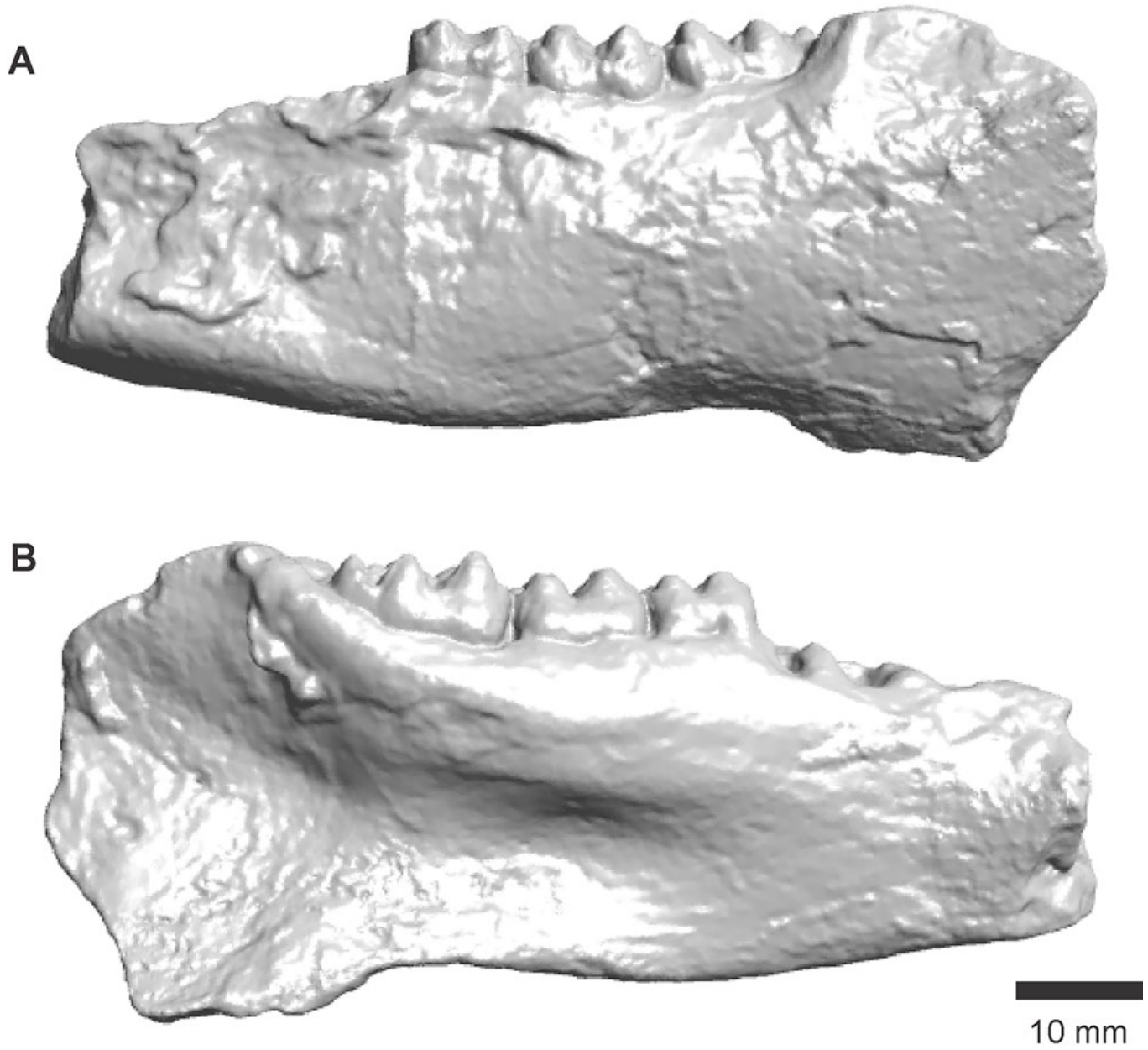
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**Figure 1.** Left dentary with m1-m3 of cf. *Pecari tajacu* (UFSM 11606) from the Rio Madeira Formation, State of Rondônia, in lateral (A) and medial views.