

3D model related to the publication: Occurrence of the ground sloth *Nothrotheriops* (Xenarthra, Folivora) in the Late Pleistocene of Uruguay: New information on its dietary and habitat preferences based on stable isotope analysis

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Abstract

The present 3D Dataset contains the 3D model analyzed in the following publication: Occurrence of the ground sloth *Nothrotheriops* (Xenarthra, Folivora) in the Late Pleistocene of Uruguay: New information on its dietary and habitat preferences based on stable isotope analysis. *Journal of Mammalian Evolution*. <https://doi.org/10.1007/s10914-023-09660-w>

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Inv nr.	Taxon	Description
CAV1466	<i>Nothrotheriops</i> sp.	Left humerus

Table 1. Involved specimen. Collection: Servicio Académico Universitario y Centro de Estudio Paleontológicos (SAUCE-P), Universidad de la República.

INTRODUCTION

We present the surface model (Fig. 1) of a specimen of *Nothrotheriops* sp. (Mammalia, Folivora) from the Arroyo del Vizcaíno site (AdV; Canelones, Uruguay; Table 1). The AdV was previously dated to 30 ka through 14C, and the recovered fauna is composed of several typical South American Late Pleistocene taxa (Fariña *et al.*, 2014). The specimen represents one of the scarce records of this taxon for South America and contributes to the knowledge of its distribution in the continent. Furthermore, the new record of *Nothrotheriops* increases to five the number of sloth taxa found at the site, where the mylodontids *Lestodon armatus*, *Glossotherium robustum*, and *Myloodon darwini* and the scelidotheriid *Valgipes bucklandi* were previously reported (Varela and Fariña, 2016; Lobato *et al.* 2021). The data regarding the specimen is published in Varela *et al.* (2023).

METHODS

The fossil specimen was scanned using photogrammetry with the software Agisoft Photoscan. The 3D surface model is provided in .obj format, which can be opened by an extensive list of free and open-source software.

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Figure 1. 3D surface model of CAV 1466 (*Nothrotheriops* sp.) in anterior view. Scale bar: 5 cm.