INTRODUCTION
We present the surface models of two specimens (Table 1) representing two species of tropical bunodont litopterns from South America. The model of the first specimen is a partial mandible with the symphysis and left body, bearing the alveoli of i2, right and left i3, alveolus of right c and p1, roots of left p1, and the left p2–m3 of Megadolodus molariformes (Litopterna, Mammalia) (Fig. 1). The two models of the second specimen include: (1) an almost complete skull with left and right i2 and P1–M3, and (2) a partial mandible with complete right and left dentition except for left i2 of Neodolodus colombianus (Litopterna, Mammalia). The specimens come from the La Venta locality (La Victoria and Villavieja Formations; middle Miocene) in Colombia. These specimens, along with others, are described in the publication: “New remains of Neotropical bunodont litopterns and the systematics of Megadolodinae (Mammalia: Litopterna)” (Fig. 1). The specimens substantially increased the information on the craniodental anatomy of M. molariformes and N. colombianus, and they provide insights into the phylogeny of Litopterna.

METHODS
The specimen of M. molariformes (VPPLT 974) was CT scanned using high resolution microtomography (µCT) at the Montpellier Rio Imaging (MRI: Microtomograph RX EasyTom 150, X-ray source 40-150 kV) platform. Voxel size were 0.063 mm. The 3D surfaces were extracted semi-automatically within AVIZO v.9.7.0 software (Visualization Sciences Group, Burlington, MA, USA). The surface scan of N. colombianus (VPPLT 1696) was made with a 3D structural light scanner HP Pro S3 with a resolution of 0.05 mm. 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. Mandible and lower dentition of *Megadolodus molariformes* (VPPT 974) in occlusal view.

**BIBLIOGRAPHY**