http://app.pan.pl/SOM/app69-Malafaia_etal_SOM.pdf

SUPPLEMENTARY ONLINE MATERIAL FOR

Taxonomic and stratigraphic update of the material historically attributed to *Megalosaurus* from Portugal

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Supplementary Online Material

SOM 1. Inventory of the osteological materials first attributed to *Megalosaurus* from the Upper Jurassic and Cretaceous of the Lusitanian Basin (Portugal);
available at http://app.pan.pl/SOM/app69-Malafaia_etal_SOM/SOM_1.xlsx

SOM 2. Measurement of the specimens studied in this work;
available at http://app.pan.pl/SOM/app69-Malafaia_etal_SOM/SOM_2.xlsx

SOM 3. Data-matrix used for the cladistic analysis with the codification of the tooth morphotypes from the Lusitanian Basin studied in this work;
available at http://app.pan.pl/SOM/app69-Malafaia_etal_SOM/SOM_3.tnt

SOM 4. Extended strict consensus tree of 30 most parsimonious trees recovered in the cladistic analysis of the tooth-crown-based data matrix enforcing constrains with the five tooth morphotypes from the Lusitanian Basin;
available at http://app.pan.pl/SOM/app69-Malafaia_etal_SOM/SOM_4.jpg

SOM 5. Fossil material from the Upper Jurassic and Cretaceous of the Lusitanian Basin (Portugal) attributed to different groups of dinosaurs.
Fig. S1. Material attributed to indeterminate sauropod dinosaurs.
Fig. S2. Material attributed to indeterminate theropod dinosaurs.
Fig. S3. Caudal vertebrae attributed to indeterminate allosauroid theropods.
Fig. S4. Mesial tooth crown fragments attributed to *Allosaurus* sp.

SOM 5. Material attributed to different groups of dinosaurs.

Fig. S1. Material attributed to indeterminate sauropod dinosaurs.
A_1-A_5, distal part of a metacarpal (MNHN/UL.026) from Porto das Barcas (Lourinhã); B_1-B_3, C_1-C_2, and D_1-D_2, fragments of middle or posterior caudal centra (MG 8782) from Salir do Porto (Caldas da Rainha) in anterior (A_1), posterior (A_2), lateral or medial (A_3), lateral or medial (A_4), distal (A_5), lateral (B_1, B_2, C_1, and D_1), and anterior or posterior (B_3, C_2, and D_2) views.

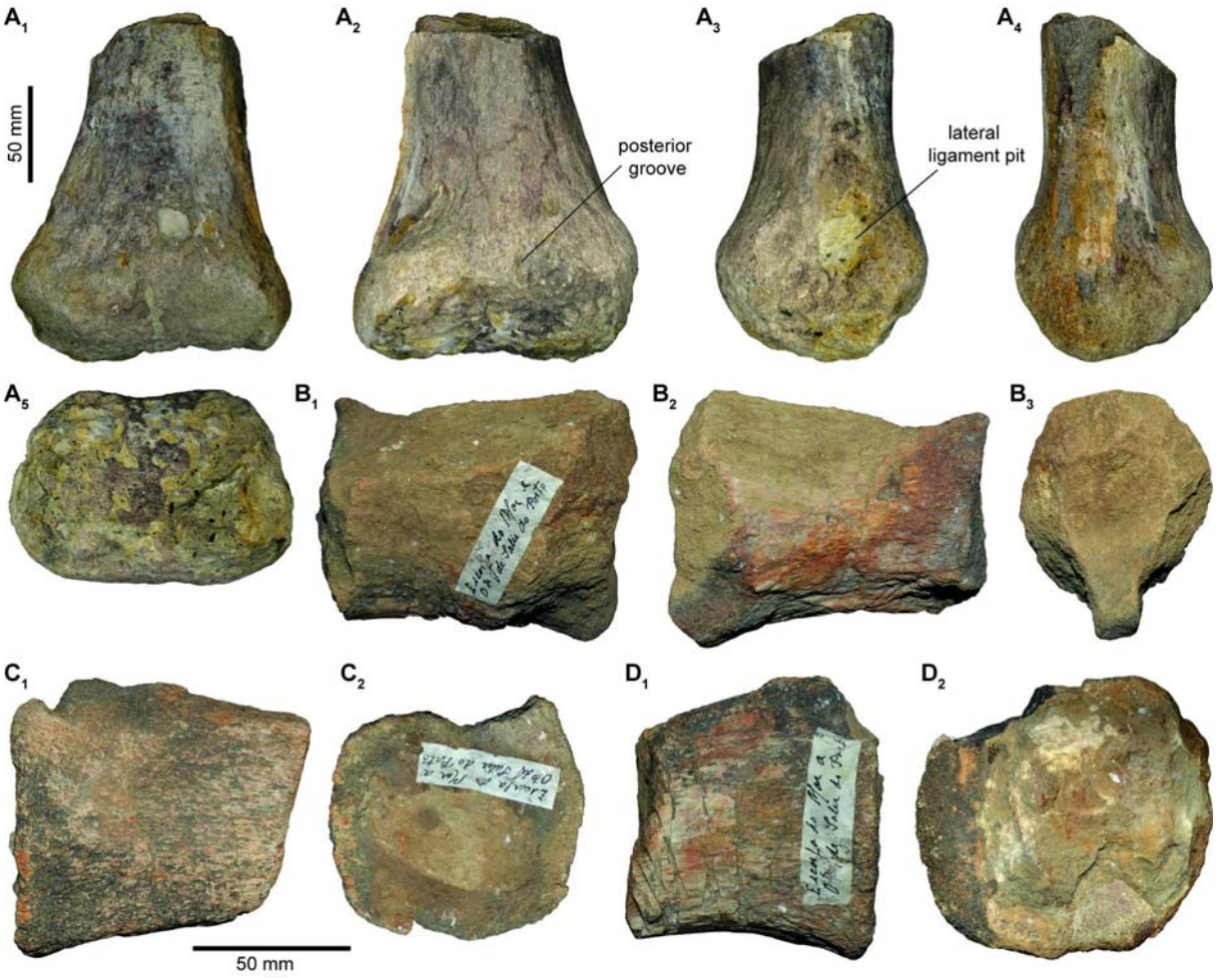

Fig. S2. Material attributed to indeterminate theropod dinosaurs.
A_1-A_4, tooth crown fragment (MG 8778) from Pombal; B_1-B_6, tooth crown (MNHN/UL.EPt.22) from Porto Dinheiro (Lourinhã); C_1-C_4 and D_1-D_4, ungual phalanges from Porto Dinheiro (Lourinhã); and E_1-E_5, tooth crown fragment (MG 73) from the Upper Cretaceous of Viso (Montemor-o-Velho) in labial or lingual (A_1, A_2, B_1, B_3, E_1 and E_2), mesial (A_3, B_6, and E_4), distal (B_2 and E_3), lateral or medial (C_1, C_2, D_1, and D_2), dorsal (C_3 and D_3), and ventral (C_4 and D_4) views; basal cross-section (A_4, B_4, and E_5); detail of the distal denticles at the central sector of the carina (B_5).

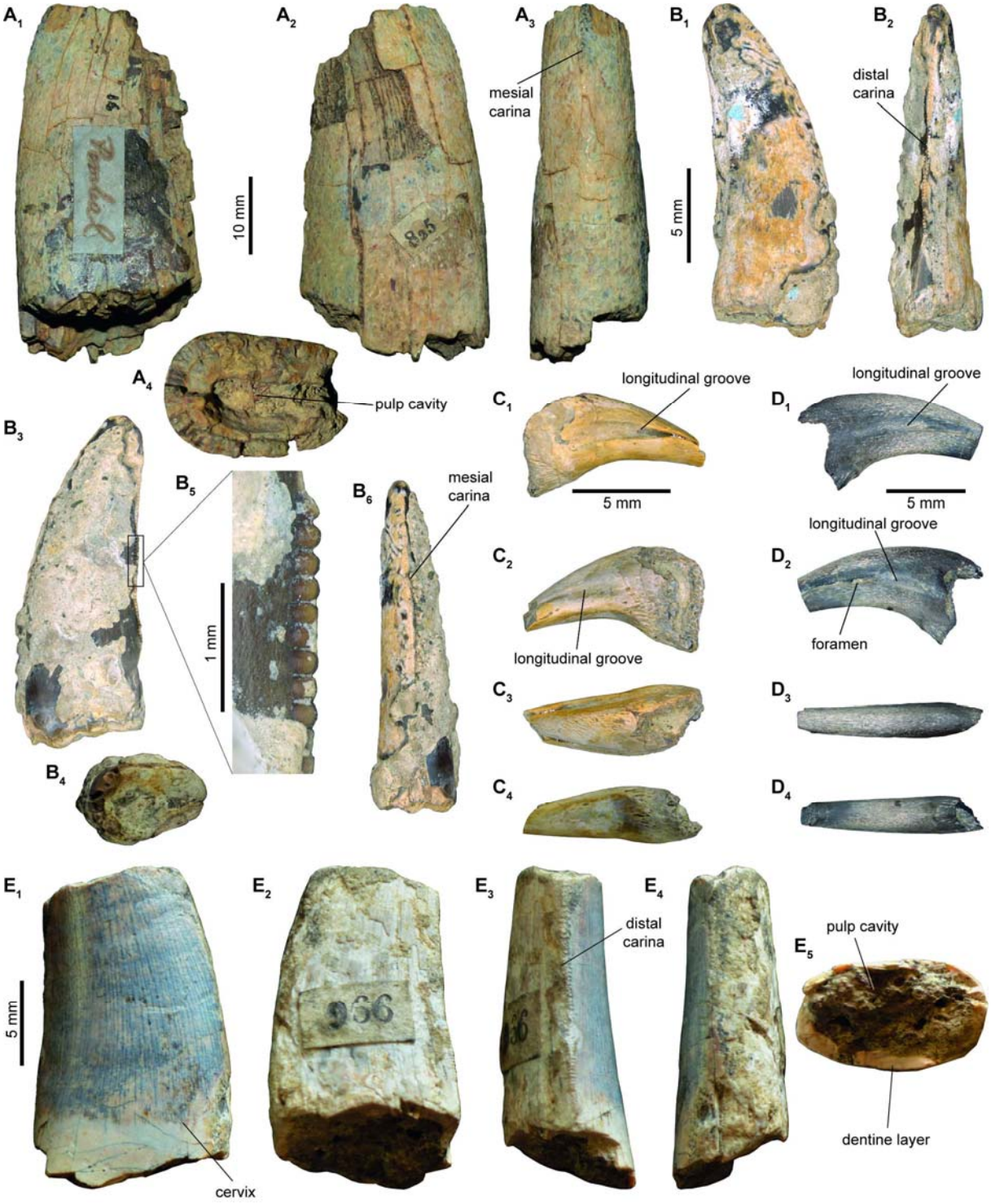

Fig. S3. Caudal vertebrae attributed to indeterminate allosauroid theropods.
Caudal vertebrae attributed to indeterminate allosauroid theropods from Ourém. A_1-A_5, anterior caudal vertebra (MG 4822b) and B_1-B_4, fragment of a posterior caudal centrum (MG 4831b) in ?right lateral (A_1 and B_3),?left lateral (A_2 and B_1), ventral (A_3), dorsal (A_4), ?anterior (A_5), and posterior (B_4) views; cross-section of the centrum mid-length (B_2).

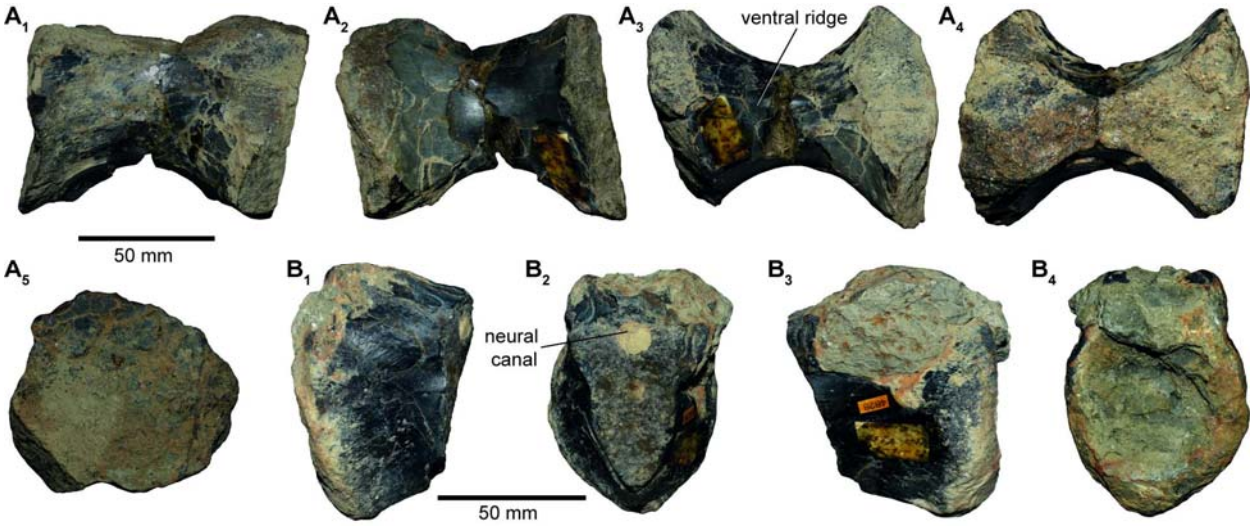

Fig. S4. Mesial tooth crown fragments attributed to *Allosaurus* sp.
A_1-A_8, MNHN/UL.EPt.004 from unknown provenance; and B_1-B_5, MG 8781 from Pedras Muitas (Peniche) in lingual (A_3 and B_1), labial (A_5 and B_3), distal (A_6 and B_4), and mesial (A_8 and B_5) view; basal cross-section (A_7 and B_2); detail of the mesial denticles from the apical and basal sectors of the crown (A_1 and A_2); and detail of the distal denticles from the basal sector of the crown (A_4).