3D model related to the publication: First record of the family Protocetidae in the Lutetian of Senegal (West Africa)

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3D model related to the publication: First record of the family Protocetidae in the Lutetian of Senegal (West Africa)

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Abstract: This contribution contains the 3D model described and figured in the following publication: Hautier L, Sarr R, Lihoreau F, Tabuce R, Marwan Hameh P. 2014. First record of the family Protocetidae in the Lutetian of Senegal (West Africa). *Palaeovertebrata* 38 (2)-e2

Key words: Innominate, Protocetid, Senegal

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TECHNICAL AND SPECIMEN-RELATED PARAMETERS

Specimen number	SN103
Species	Protocetid indet.
Repository institution	University Cheikh Anta Diop, Dakar, Senegal
3D data acquisition institution	ISE-M, Université Montpellier 2
3D data acquisition method	X-ray μ CT
3D data acquisition facility model	In Vivo Mictotomograph SkyScan 1076
3D data acquisition operator	Renaud Lebrun (ISE-M)
Voxel size of original dataset	0,072 mm
Author of derived 3D surface model	Lionel Hautier
Model ID	M3#5_SN103

METHODS

The innominate was extracted within a “labelfield” module of AVIZO 7.1 (Visualization Sciences Group), using the segmentation threshold selection tool. The 3D model is provided in .ply format, and as such can be opened with a wide range of freeware. Additional files specific to ISE-MeshTools (Lebrun, 2014) are provided in order to visualize the innominate in standard orientation.

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Data presented in this work were produced through the technical facilities of the MRI platform and of the labEx CeMEB. This is ISE-M contribution 2014-222 S.

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