3D model related to the publication: A pangolin (Manidae, Pholidota, Mammalia) from the French Quercy phosphorites (Pech du Fraysse, Saint-Projet, Tarn-et-Garonne, late Oligocene, MP 28)

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Abstract: This contribution contains the 3D model described and figured in the following publication: Crochet, J.-Y., Hautier, L., Lehmann, T., 2015. A pangolin (Manidae, Pholidota, Mammalia) from the French Quercy phosphorites (Pech du Fraysse, Saint-Projet, Tarn-et-Garonne, late Oligocene, MP 28). Palaeovertebrata 39(2)-e4. doi: 10.18563/pv.39.2.e4

Key words: Oligocene, Pangolin, Pech du Fraysse, Quercy Phosphorites

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TECHNICAL AND SPECIMEN-RELATED PARAMETERS

Specimen inventory number	UM PFY 4051
Species	*Necromanis cf. franconica*
Repository institution	Université de Montpellier 2
3D data acquisition institution	ISE-M, Université de Montpellier
3D data acquisition method	X-ray µCT
3D data acquisition facility model	In Vivo Mictotomograph SkyScan 1076
3D data acquisition operator	Renaud Lebrun
Voxel size of original dataset	0.144 mm
Author of derived 3D surface model	Lionel Hautier
Model ID	M3#12_UM PFY 4051
Model short description	A partial left humerus from Pech du Fraysse (Saint-Projet, Tarn-et-Garonne, France), MP 28 (late Oligocene)

METHODS

AVIZO 7.1 (Visualization Sciences Group) software was used for segmentation. The humerus was extracted within a "labelfield" module of AVIZO, 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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BIBLIOGRAPHY

Crochet, J.-Y., Hautier, L., Lehmann, T., 2015. A pangolin (Manidae, Pholidota, Mammalia) from the French Quercy phosphorites (Pech du Fraysse, Saint-Projet, Tarn-et-Garonne, late Oligocene, MP 28). Palaeovertebrata 39 (2)-e4. doi: 10.18563/pv.39.2.e4

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