

https://dspace.org/

Postcranial osteology of the neotype specimen of Massospondylus carinatus Owen, 1854 (Dinosauria: Sauropodomorpha) from the upper Elliot formation of South Africa

Barrett, Paul M.; Chapelle, Kimberley E.J.; Staunton, Casey K.; Botha, Jennifer; Choiniere, Jonah N.

2019-04
Evolutionary Studies Institute
https://hdl.handle.net/10539/26829

Downloaded from a DSpace repository. https://dspace.org/

SUPPLEMENTARY INFORMATION SUMMARY FOR
Barrett et al., 2019, Postcranial osteology of the neotype specimen of *Massospondylus carinatus* Owen, 1854 (Dinosauria: Sauropodomorpha) from the upper Elliot formation of South Africa.

Each supplementary model contains a base .obj 3d object file, an associated .mtl file for surface shading information, and one or more .png files containing the surface texture.

Supplementary Model 1. Multi-surface model of the articulated axis and anterior cervical vertebrae (Cv3, Cv4 and C5 [in part]) of BP/1/4934. Files included: Anterior-Cervicals.mtl; Anterior-Cervicals.obj; Anterior-Cervicals.png; Anterior-Cervicals2.png.

Supplementary Model 2. Single-surface model of the middle and posterior cervical vertebrae (Cv6–10) of BP/1/4934, with accompanying cervical ribs and the partial right manus (subsequently removed by preparation), showing elements in left lateral, dorsal and right lateral views. Files included: Posterior-Cervicals.mtl; Posterior-Cervicals.obj; Posterior-Cervicals.png; Posterior-Cervicals2.png

Supplementary Model 3. Single-surface model of the thoracic block of BP/1/4934, showing most elements in left lateral view, including: the left scapulocoracoid, anterior and middle dorsal vertebrae (D1 [in part]–D8 [in part]), dorsal ribs and the right sternum in medial view. Files included: Thoracic-Scapula.mtl; Thoracic-Scapula.obj; Thoracic-Scapula.png; Thoracic-Scapula2.png.

Supplementary Model 4. Single-surface model of the abdominal block of BP/1/4934, showing most of the preserved elements in left lateral view. These include: the middle and posterior dorsal vertebrae (D8 [in part]–D14), sacrum, anterior caudal vertebrae (Cd1–5) and chevrons, dorsal ribs, gastralia, left ilium, right ilium (in right lateral view), both pubes (in anterior view) and the left femur. Files included: Pelvis.mtl; Pelvis.obj; Pelvis.png; Pelvis2.png.

Supplementary Model 5. Single-surface model of the articulated and complete left forelimb of BP/1/4934. Files included: Forelimb.mtl; Forelimb.obj; Forelimb.png; Forelimb2.png.