University of Texas High-Resolution X-ray CT Facility Archive 0365

Rowe:

choloep: Warp corrected scans of the skull of *Choloepus hoffmani* (AMNH 30765, Nicaragua, Tuma, Matagalpa, coll. Wm. B. Richardson) for Dr. Timothy Rowe, Department of Geological Sciences, University of Texas. Right premaxilla bent downwards, left ectotympanic missing. Scanned by Matthew Colbert on 9/27/2000. Original scans on Archive 0274. Warp corrections applied by Holly Nance, April 2001.

Original scan parameters: II, 120 kV, 0.26 mA, no filter, empty cylinder wedge, 160% offset, slice thickness 3 lines (= 0.2409 mm), S.O.D. 138 mm, 1200 views, 2 samples per view, interslice spacing 3 lines (=0.2409 mm), field of reconstruction 67 mm, reconstruction offset 780, reconstruction scale 76. Scanned in three-slice mode.

warpcorr (16bit): The above images modified with IDL software "Unwarp v.1.0" written by Dr. Richard Ketcham to correct for radial distortion of images   introduced by ACTIS scanning software. Corrected images are now 522 pixels   by 522 pixels, resulting in an interpixel spacing of 0.1284 mm/pixel.