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

# Lyson:

# Denver\_Basin\_mammal: Test scan of the skull of a fossil mammal (Denver Basin) for Tyler Lyson of the Denver Museum of Nature and Science. Specimen scanned by Matthew Colbert on 15 June 2018. Raw files not archived.

# 16bitTIFF: Scan parameters: NSI scanner. Fein Focus High Power source, 180 kV, 0.12 mA, aluminum filter, Perkin Elmer detector, 0.25 pF gain, 1 fps, 1x1 binning, no flip, source to object 0.0 mm, source to detector mm, helical continuous CT scan, vertical extent 280.0 mm, pitch 46.67 mm, 6 revolutions, 3 sets, helical sigma 0.0, no frames averaged, 0 skip frames, 9004 projections, 5 gain calibrations, 15 mm calibration phantom, data range [-1.5, 22.0] (grayscale adjusted from NSI defaults), beam-hardening correction = 0.325. Voxel size = 66.8 μm. Total slices = 3176.

# 8bitJPG: 8bit jpg version of the above images.