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

**Krause:**

**Taeniolabis\_DMNH**: Scan of the anterior cranium of *Taeniolabis taoensis* (DMNH uncat; Coral Bluffs Study Area, CO) for David Krause and Tyler Lyson of the Denver Museum of Nature & Science. Specimen scanned by Matt Colbert on November 16, 2020.

**16bitTIFF**: Scan parameters: NSI scanner. Fein Focus High Power source, 160 kV, 0.85 mA, aluminum filter, Perkin Elmer detector, 0.5 pF gain, 1 fps, 1x1 binning, source to object 184.458 mm, source to detector 733.22 mm, continuous CT scan, 2 frames averaged, 0 skip frames, 3600 projections, 4 gain calibrations, 5 mm calibration phantom, data range [-5, 80] adjusted grayscale values, beam-hardening correction = 0.3. Data rotated prior to reconstruction. Post-reconstruction ring correction applied by Jessie Maisano using parameters oversample = 2, radial bin width = 21, sectors = 32, minimum arc length = 3, angular bin width = 9, angular screening factor = 1. Voxel size = 50.3 μm. Total slices = 1892.

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

**Specimen Photos**: jpg photos of the specimen.